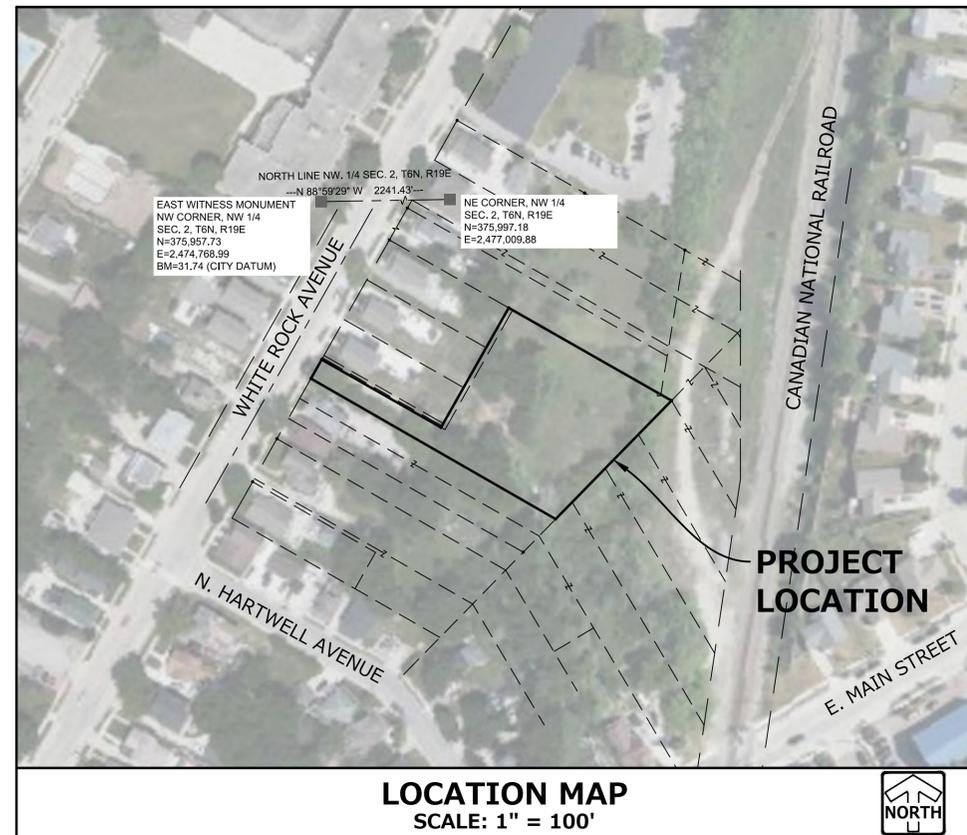


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REVIEWED: ASZ
DESIGNED: ASZ
DRAFTED: EJM

LEGEND

	EXISTING	PROPOSED
SANITARY SEWER MANHOLE	⊙	⊙
STORM SEWER MANHOLE	⊙	⊙
STORM SEWER CATCH BASIN (ROUND CASTING)	○	●
STORM SEWER CATCH BASIN (RECTANGULAR CASTING)	□	■
PRECAST FLARED END SECTION	△	▲
VALVE BOX	+	+
FIRE HYDRANT	⊙	⊙
CLEANOUT	⊙	⊙
SANITARY SEWER	—	—
STORM SEWER	—	—
WATER MAIN	—	—
ELECTRICAL CABLE	—	—
GAS MAIN	—	—
TELEPHONE LINE	—	—
UTILITY CROSSING	—	—
LIGHTING	☀	☀
ELECTRICAL TRANSFORMER OR PEDESTAL	⊙	⊙
POWER POLE	⊙	⊙
POWER POLE WITH LIGHT	☀	☀
GUY WIRE	+	+
STREET SIGN	+	+
CONTOUR	749	749
SPOT ELEVATION	x 750.00	+750.00
WETLANDS	—	—
FLOODWAY	—	—
FLOODPLAIN	—	—
HIGH WATER LEVEL (HWL)	—	—
NORMAL WATER LEVEL (NWL)	—	—
DIRECTION OF SURFACE FLOW	→	→
DITCH OR SWALE	—	—
DIVERSION SWALE	→	→
OVERFLOW RELIEF ROUTING	→	→
TREE WITH TRUNK SIZE	⊙	⊙
SOIL BORING	⊙	⊙
TOPSOIL PROBE	⊙	⊙
FENCE LINE, TEMPORARY SILT	—	—
FENCE LINE, WIRE	—	—
FENCE LINE, CHAIN LINK OR IRON	—	—
FENCE LINE, WOOD OR PLASTIC	—	—
CONCRETE SIDEWALK	—	—
CURB AND GUTTER	—	—
DEPRESSED CURB	—	—
REVERSE PITCH CURB & GUTTER	—	—
EASEMENT LINE	—	—



LOCATION MAP
SCALE: 1" = 100'

REFERENCE BEARING: THE NORTH LINE OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 2, TOWN 6 NORTH, RANGE 19 EAST WAS USED AS THE REFERENCE BEARING AND HAS A BEARING OF S 88°59'29" W BASED ON THE WISCONSIN STATE PLANE COORDINATE SYSTEM (SOUTH ZONE).

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SW CORNER OF THE SE 1/4 OF SECTION 35, TOWN 7 NORTH, RANGE 19 EAST, CONCRETE MONUMENT WITH A BRASS CAP, ELEV = 70.79 (CITY DATUM, SEWRPC CSSD)

ENGINEERING IMPROVEMENT PLANS FOR PRAIRIEVILLE VILLAGE

PART OF THE NW 1/4 OF THE NW 1/4 SECTION 2, T 6 N, R 19 E CITY OF WAUKESHA, WAUKESHA COUNTY, WISCONSIN

INDEX OF SHEETS	
C-1	COVER SHEET
C-2	EXISTING SITE & DEMOLITION PLAN
C-3	PROPOSED SITE PLAN
C-4	PROPOSED SANITARY SEWER AND WATER MAIN PLAN & PROFILE
C-5 - C-6	PROPOSED PAVING AND STORM SEWER PLAN & PROFILE
C-7	GRADING PLAN
C-8	EROSION CONTROL PLAN
C-9	NOTES & SPECIFICATIONS
C-10 - C-11	CONSTRUCTION DETAILS

GENERAL NOTES

- THE INTENTION OF THE PLANS AND SPECIFICATIONS IS TO SET FORTH PERFORMANCE AND CONSTRUCTION MATERIAL STANDARDS FOR THE PROPER EXECUTION OF WORK. ALL WORKS CONTAINED WITHIN THE PLANS AND SPECIFICATIONS SHALL BE COMPLETED IN ACCORDANCE WITH ALL REQUIREMENTS FROM LOCAL, STATE, FEDERAL OR OTHER GOVERNING AGENCY'S LAWS, REGULATIONS, JURISDICTIONAL ORDINANCES/CODES/RULES/ETC., AND THE OWNER'S DIRECTION.
- THE CONTRACTOR IS RESPONSIBLE TO REVIEW AND UNDERSTAND ALL COMPONENTS OF THE PLANS AND SPECIFICATIONS, INCLUDING FIELD VERIFYING SOIL CONDITIONS, PRIOR TO SUBMISSION OF A BID PROPOSAL.
- THE CONTRACTOR SHALL PROMPTLY REPORT ANY ERRORS OR AMBIGUITIES LEARNED AS PART OF THEIR REVIEW OF PLANS, SPECIFICATIONS, REPORTS AND FIELD INVESTIGATIONS.
- THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE COMPUTATION OF QUANTITIES AND WORK REQUIRED TO COMPLETE THIS PROJECT. THE CONTRACTOR'S BID SHALL BE BASED ON ITS OWN COMPUTATIONS AND IN NO SUCH INSTANCE RELY ON THE ENGINEER'S ESTIMATE.
- QUESTIONS/CLARIFICATIONS WILL BE INTERPRETED BY ENGINEER/OWNER PRIOR TO THE AWARD OF CONTRACT. ENGINEER/OWNER WILL SUBMIT OFFICIAL RESPONSES IN WRITING. INTERPRETATIONS PRESENTED IN OFFICIAL RESPONSES SHALL BE BINDING ON ALL PARTIES ASSOCIATED WITH THE CONTRACT. IN NO WAY SHALL WORD-OF-MOUTH DIALOG CONSTITUTE AN OFFICIAL RESPONSE.
- PRIOR TO START OF WORK, CONTRACTOR SHALL BE COMPLETELY FAMILIAR WITH ALL CONDITIONS OF THE SITE, AND SHALL ACCOUNT FOR CONDITIONS THAT AFFECT, OR MAY AFFECT CONSTRUCTION INCLUDING, BUT NOT LIMITED TO, LIMITATIONS OF WORK ACCESS, SPACE LIMITATIONS, OVERHEAD OBSTRUCTIONS, TRAFFIC PATTERNS, LOCAL REQUIREMENTS, ADJACENT ACTIVITIES, ETC. FAILURE TO CONSIDER SITE CONDITIONS SHALL NOT BE CAUSE FOR CLAIM OF JOB EXTRAS.
- COMMENCEMENT OF CONSTRUCTION SHALL EXPLICITLY CONFIRM THAT THE CONTRACTOR HAS REVIEWED THE PLANS AND SPECIFICATIONS IN ENTIRETY AND CERTIFIES THAT THEIR SUBMITTED BID PROPOSAL CONTAINS PROVISIONS TO COMPLETE THE PROJECT, WITH THE EXCEPTION OF UNFORESEEN FIELD CONDITIONS; ALL APPLICABLE PERMITS HAVE BEEN OBTAINED; AND CONTRACTOR UNDERSTANDS ALL OF THE REQUIREMENTS OF THE PROJECT.
- SHOULD ANY DISCREPANCIES OR CONFLICTS IN THE PLANS OR SPECIFICATIONS BE DISCOVERED AFTER THE AWARD OF CONTRACT, ENGINEER SHALL BE NOTIFIED IN WRITING IMMEDIATELY AND CONSTRUCTION OF ITEMS AFFECTED BY THE DISCREPANCIES/CONFLICTS SHALL NOT COMMENCE, OR CONTINUE, UNTIL A WRITTEN RESPONSE FROM ENGINEER/OWNER IS DISTRIBUTED. IN THE EVENT OF A CONFLICT BETWEEN REFERENCED CODES, STANDARDS, SPECIFICATIONS AND PLANS, THE ONE ESTABLISHING THE MOST STRINGENT REQUIREMENTS SHALL BE FOLLOWED.
- THE CONTRACTOR SHALL, AT ITS OWN EXPENSE, OBTAIN ALL NECESSARY PERMITS AND LICENSES TO COMPLETE THE PROJECT. OBTAINING PERMITS, OR DELAYS, IS NOT CAUSE FOR DELAY OF THE CONTRACT OR SCHEDULE. CONTRACTOR SHALL COMPLY WITH ALL PERMIT REQUIREMENTS.
- THE CONTRACTOR SHALL NOTIFY ALL INTERESTED GOVERNING AGENCIES, UTILITY COMPANIES AFFECTED BY THIS CONSTRUCTION PROJECT, AND DIGGER'S HOTLINE IN ADVANCE OF CONSTRUCTION TO COMPLY WITH ALL JURISDICTIONAL ORDINANCES/CODES/RULES/ETC., PERMIT STIPULATIONS, AND OTHER APPLICABLE STANDARDS.
- SAFETY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE TO INITIATE, INSTITUTE, ENFORCE, MAINTAIN, AND SUPERVISE ALL SAFETY PRECAUTIONS AND JOB SITE SAFETY PROGRAMS IN CONNECTION WITH THE WORK.
- CONTRACTOR SHALL KEEP THE JOBSITE CLEAN AND ORDERLY AT ALL TIMES. ALL LOCATIONS OF THE SITE SHALL BE KEPT IN A WORKING MANNER SUCH THAT DEBRIS IS REMOVED CONTINUOUSLY AND ALL RESPECTIVE CONTRACTORS OPERATE UNDER GENERAL "GOOD HOUSEKEEPING."
- THE CONTRACTOR SHALL INDEMNIFY THE OWNER, ENGINEER, AND THEIR AGENTS FROM ALL LIABILITY INVOLVED WITH THE CONSTRUCTION, INSTALLATION, AND TESTING OF THE WORK ON THIS PROJECT.

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.

APPLICANT/ DEVELOPER

HABITAT FOR HUMANITY OF WAUKESHA COUNTY
2020 SPRINGDALE ROAD
WAUKESHA, WI 53186

CIVIL ENGINEERING CONTACTS

ANTHONY S. ZANON, P.E.
JOHN P. KONOPACKI, P.L.S.
PINNACLE ENGINEERING GROUP
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BROOKFIELD, WI 53186
(262) 754-8888
tony.zanon@pinnacle-engr.com



Toll Free (800) 242-8511
Milwaukee Area (414) 259-1181
Hearing Impaired TDD (800) 542-2289
www.DiggersHotline.com

EXPIRATION DATE: JULY 31st, 2022

PINNACLE ENGINEERING GROUP, LLC
ENGINEER'S LIMITATION

PINNACLE ENGINEERING GROUP, LLC AND THEIR CONSULTANTS DO NOT WARRANT OR GUARANTEE THE ACCURACY AND COMPLETENESS OF THE DELIVERABLES HEREIN BEYOND A REASONABLE DILIGENCE. IF ANY MISTAKES, OMISSIONS, OR DISCREPANCIES ARE FOUND TO EXIST WITHIN THE DELIVERABLES, THE ENGINEER SHALL BE PROMPTLY NOTIFIED PRIOR TO BID SO THAT HE MAY HAVE THE OPPORTUNITY TO TAKE WHATEVER STEPS NECESSARY TO RESOLVE THEM. FAILURE TO PROMPTLY NOTIFY THE ENGINEER OF SUCH CONDITIONS SHALL ABSOLVE THE ENGINEER FROM ANY RESPONSIBILITY FOR THE CONSEQUENCES OF SUCH FAILURE. ACTIONS TAKEN WITHOUT THE KNOWLEDGE AND CONSENT TO THE ENGINEER, OR IN CONTRADICTION TO THE ENGINEER'S DELIVERABLES OR RECOMMENDATIONS, SHALL BECOME THE RESPONSIBILITY NOT OF THE ENGINEER BUT OF THE PARTIES RESPONSIBLE FOR TAKING SUCH ACTION.

FURTHERMORE, PINNACLE ENGINEERING GROUP, LLC IS NOT RESPONSIBLE FOR CONSTRUCTION SAFETY OR THE MEANS AND METHODS OF CONSTRUCTION.

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CITY OF WAUKESHA, WAUKESHA COUNTY, WI

COVER SHEET

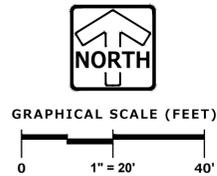
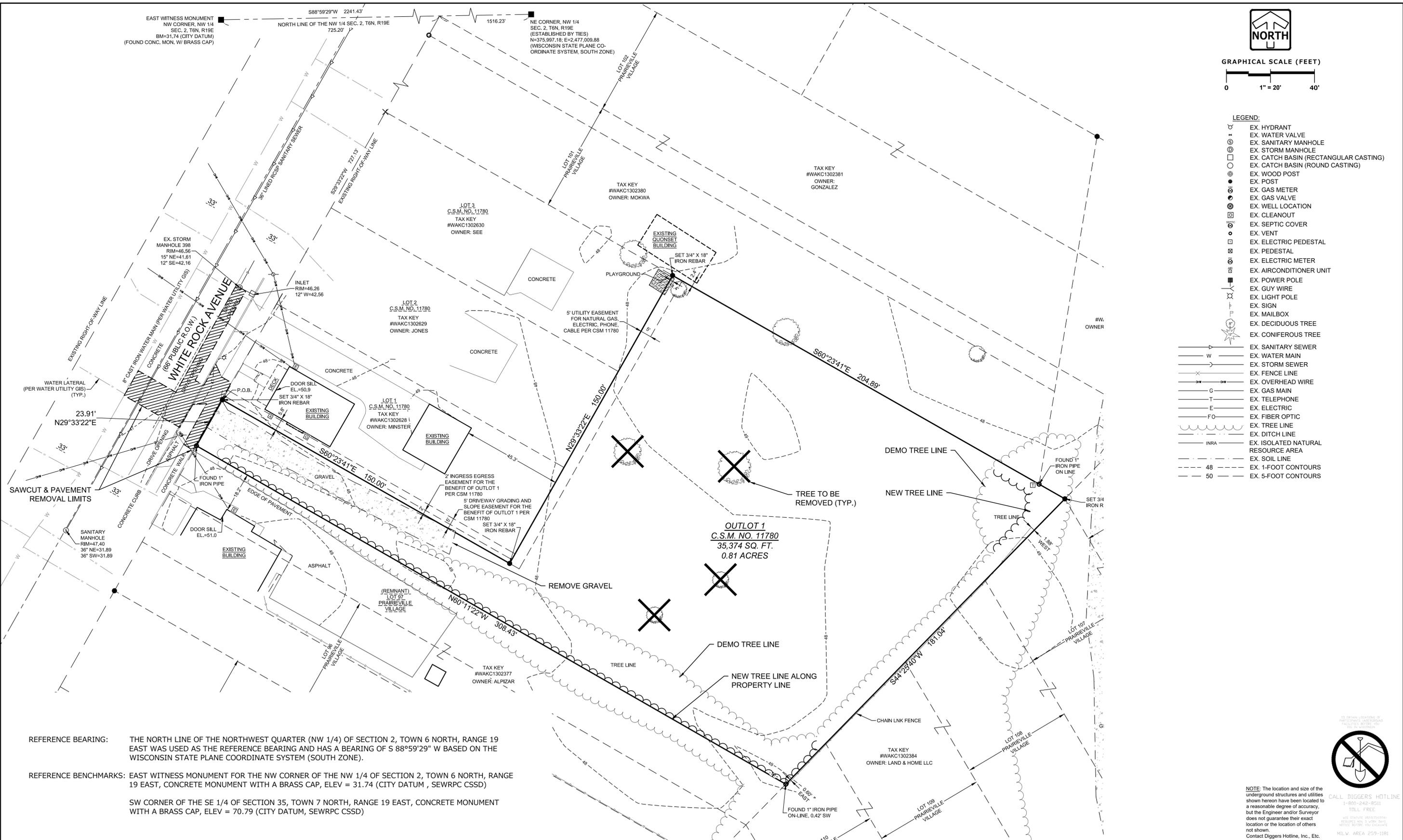
REVISIONS

NO.	DESCRIPTION	DATE

PEG JOB NO. 1432.00-WI
ASZ
START DATE: 09-24-21
SCALE: N.T.S.

SHEET
C-1
C-11
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- LEGEND:**
- EX. HYDRANT
 - EX. WATER VALVE
 - EX. SANITARY MANHOLE
 - EX. STORM MANHOLE
 - EX. CATCH BASIN (RECTANGULAR CASTING)
 - EX. CATCH BASIN (ROUND CASTING)
 - EX. WOOD POST
 - EX. POST
 - EX. GAS METER
 - EX. GAS VALVE
 - EX. WELL LOCATION
 - EX. CLEANOUT
 - EX. SEPTIC COVER
 - EX. VENT
 - EX. ELECTRIC PEDESTAL
 - EX. PEDESTAL
 - EX. ELECTRIC METER
 - EX. AIRCONDITIONER UNIT
 - EX. POWER POLE
 - EX. GUY WIRE
 - EX. LIGHT POLE
 - EX. SIGN
 - EX. MAILBOX
 - EX. DECIDUOUS TREE
 - EX. CONIFEROUS TREE
 - EX. SANITARY SEWER
 - EX. WATER MAIN
 - EX. STORM SEWER
 - EX. FENCE LINE
 - EX. OVERHEAD WIRE
 - EX. GAS MAIN
 - EX. TELEPHONE
 - EX. ELECTRIC
 - EX. FIBER OPTIC
 - EX. TREE LINE
 - EX. DITCH LINE
 - EX. ISOLATED NATURAL RESOURCE AREA
 - EX. SOIL LINE
 - EX. 1-FOOT CONTOURS
 - EX. 5-FOOT CONTOURS

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PRAIRIEVILLE VILLAGE
 CITY OF WAUKESHA, WAUKESHA COUNTY, WI

EXISTING SITE & DEMOLITION PLAN

REVISIONS		SHEET C-2 C-11

PEG NO. 1332.00-WI
 ASZ
 START DATE: 09-24-21
 SCALE: 1" = 20'
 SHEET C-2 OF C-11
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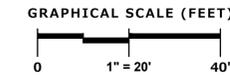
DESIGNED: ASZ

DRAWN: EJM

EAST WITNESS MONUMENT
NW CORNER, NW 1/4
SEC. 2, T6N, R19E
BM=31.74 (CITY DATUM)
(FOUND CONC. MON. W/ BRASS CAP)

S88°59'29"W 2241.43'
NORTH LINE OF THE NW 1/4 SEC. 2, T6N, R19E
725.20'

NE CORNER, NW 1/4
SEC. 2, T6N, R19E
(ESTABLISHED BY TIES)
N=375,997.18; E=2,477,009.88
(WISCONSIN STATE PLANE CO.
ORDINATE SYSTEM, SOUTH ZONE)



LEGEND:

- ⊕ EX. HYDRANT
- ⊕ EX. WATER VALVE
- ⊕ EX. SANITARY MANHOLE
- ⊕ EX. STORM MANHOLE
- ⊕ EX. CATCH BASIN (RECTANGULAR CASTING)
- ⊕ EX. CATCH BASIN (ROUND CASTING)
- ⊕ EX. CATCH POST
- ⊕ EX. POST
- ⊕ EX. GAS METER
- ⊕ EX. GAS VALVE
- ⊕ EX. WELL LOCATION
- ⊕ EX. CLEANOUT
- ⊕ EX. SEPTIC COVER
- ⊕ EX. VENT
- ⊕ EX. ELECTRIC PEDESTAL
- ⊕ EX. PEDESTAL
- ⊕ EX. ELECTRIC METER
- ⊕ EX. AIRCONDITIONER UNIT
- ⊕ EX. POWER POLE
- ⊕ EX. GUY WIRE
- ⊕ EX. LIGHT POLE
- ⊕ EX. SIGN
- ⊕ EX. MAILBOX
- ⊕ EX. DECIDUOUS TREE
- ⊕ EX. CONIFEROUS TREE
- EX. SANITARY SEWER
- EX. WATER MAIN
- EX. STORM SEWER
- EX. FENCE LINE
- EX. OVERHEAD WIRE
- EX. GAS MAIN
- EX. TELEPHONE
- EX. ELECTRIC
- EX. FIBER OPTIC
- EX. TREE LINE
- EX. DITCH LINE
- INRA EX. ISOLATED NATURAL RESOURCE AREA
- 48 EX. 1-FOOT CONTOURS
- 50 EX. 5-FOOT CONTOURS

- ASPHALT PAVEMENT**
 - 8" CRUSHED AGGREGATE BASE COURSE (1-1/2" DENSE GRADED LIMESTONE)
 - 3-1/2" ASPHALTIC CONC. (2 LIFTS)
 - LOWER LAYER (E-1 MIX; 19.0 mm NOMINAL SIZE)
 - UPPER LAYER (E-1 MIX; 9.5 mm NOMINAL SIZE)
- CONCRETE PAVEMENT / SIDEWALK**
 - 6" CRUSHED AGGREGATE BASE COURSE (1-1/2" DENSE GRADED LIMESTONE)
 - 5" PCC (6#6 WELDED WIRE FABRIC PER ACI 315-92)

NOTES:

1. THERE WILL NOT BE ANY STREET LIGHTING. THERE WILL BE LIGHTS ON EACH BUILDING AND ON ANY FUTURE GARAGES.

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CITY OF WAUKESHA, WAUKESHA COUNTY, WI

PROPOSED SITE PLAN

REVISIONS

NO.	DATE	DESCRIPTION

NO DETAIL DRAWINGS OF PARTS, PARTS, AND SURFACES TO BE SHOWN ON THESE PLANS.

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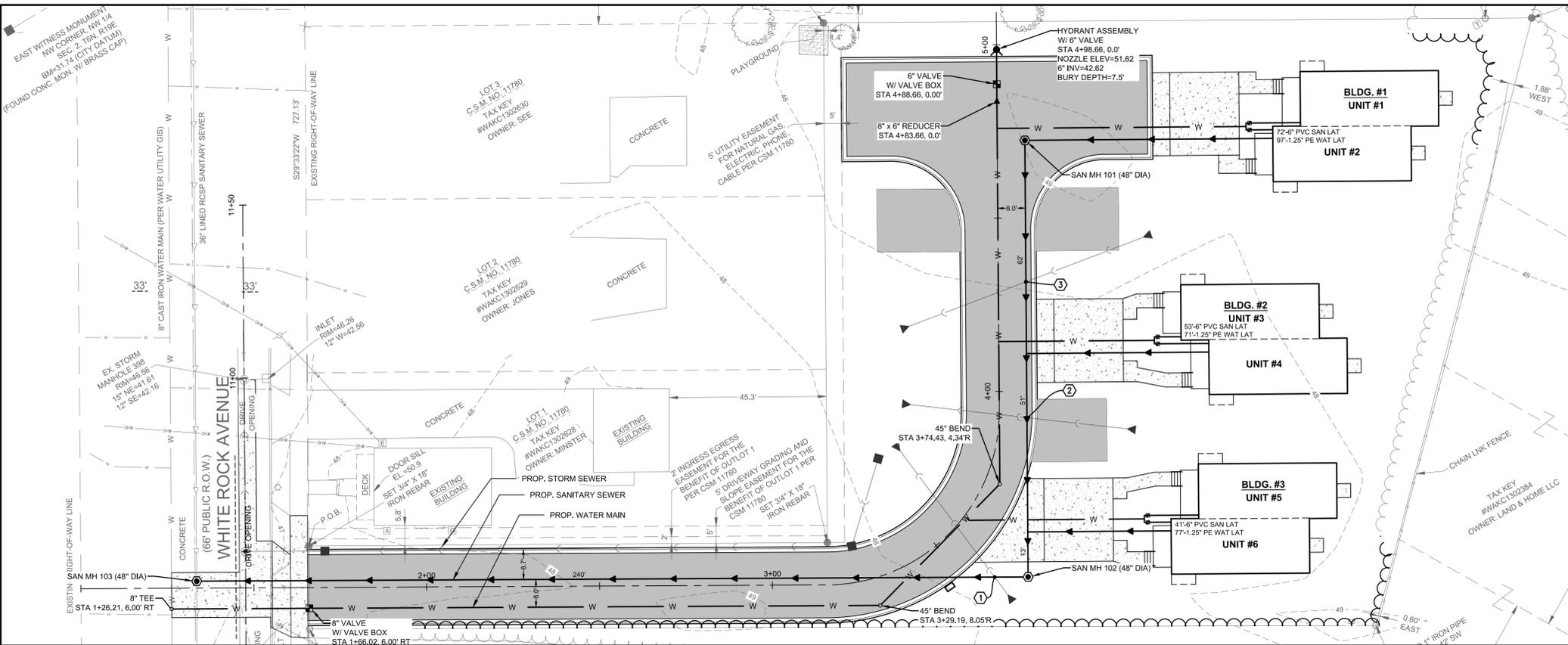
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PRELIMINARY

PROPOSED SITE PLAN

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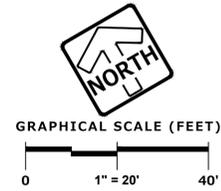
DESIGNED: ASZ
REVIEWED: ASZ
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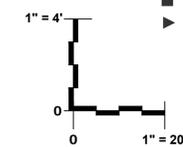
SW CORNER OF THE SE 1/4 OF SECTION 35, TOWN 7 NORTH, RANGE 19 EAST, CONCRETE MONUMENT WITH A BRASS CAP, ELEV = 70.79 (CITY DATUM, SEWRPC CSSD)



UTILITY CROSSINGS	
1	12" STORM OVER 8" SANITARY 12" B/PIPE=45.59 8" T/PIPE=39.06
2	12" STORM OVER 8" SANITARY 12" B/PIPE=45.50 8" T/PIPE=40.42
3	12" STORM OVER 8" SANITARY 12" B/PIPE=45.40 8" T/PIPE=41.20

LEGEND:

- EX. HYDRANT
- EX. WATER VALVE
- EX. SANITARY MANHOLE
- EX. STORM MANHOLE
- EX. CATCH BASIN (RECTANGULAR CASTING)
- EX. CATCH BASIN (ROUND CASTING)
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- EX. POST
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- EX. SOIL LINE
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- EX. 5-FOOT CONTOURS
- PROP. TREE LINE
- PROP. SANITARY SEWER
- PROP. WATER MAIN
- PROP. STORM SEWER
- PROP. STORM SEWER MANHOLE
- PROP. STORM SEWER CATCH BASIN
- PROP. CONC FLARED END SECTION



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**PROPOSED SANITARY
SEWER AND WATER
MAIN PLAN & PROFILE**

REVISIONS

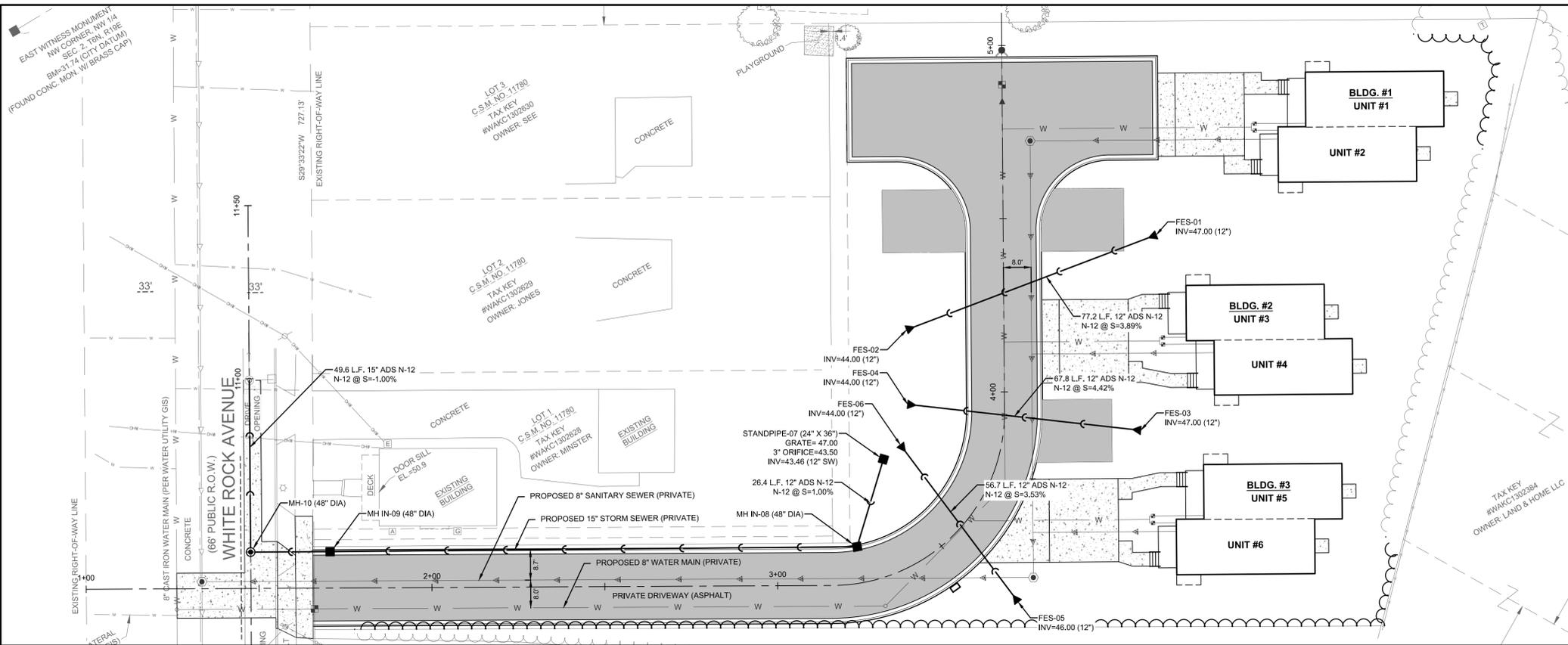
PEG JOB NO. 1432.00-WI
PEG PRJ. ASZ
START DATE: 09-24-21
SCALE: 1"=20'

**SHEET
C-4
C-11**

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DESIGNED: ASZ
REVIEWED: ASZ
DRAFTED: EJM



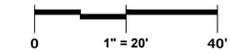
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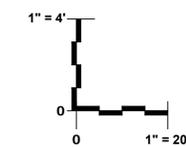
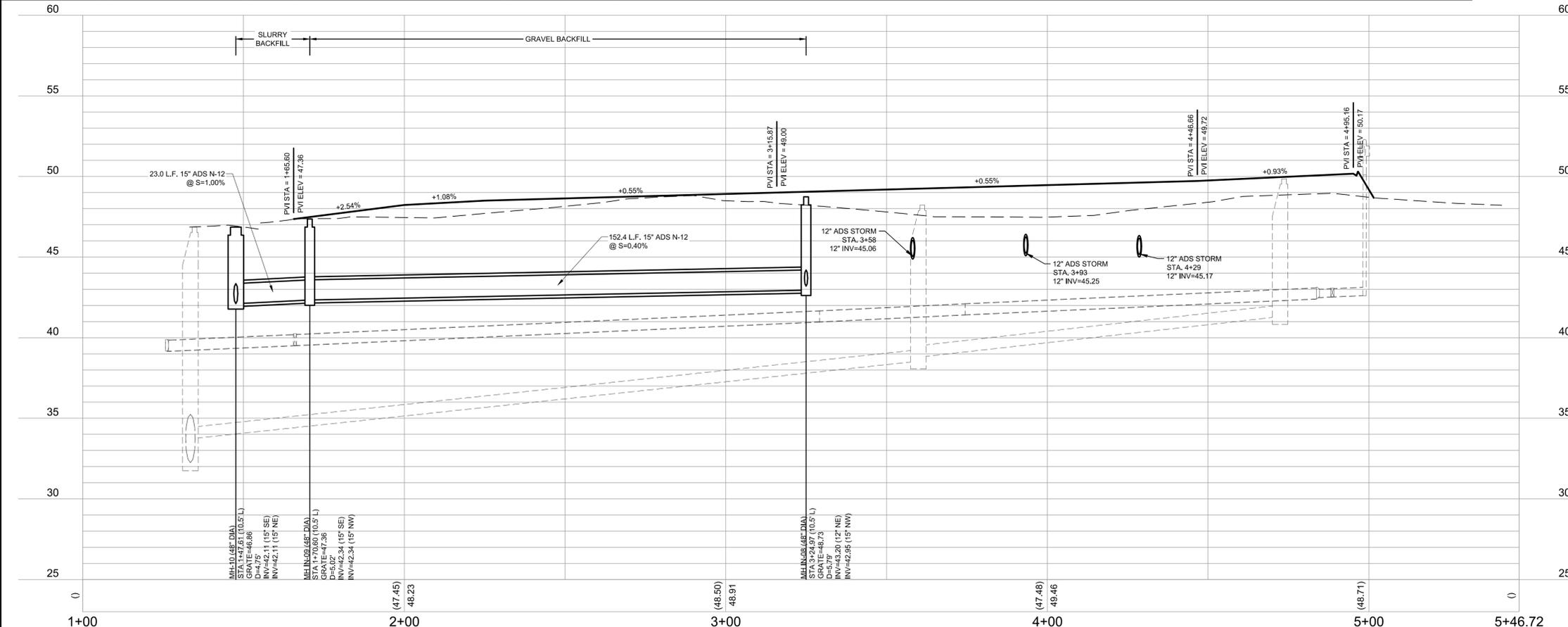


GRAPHICAL SCALE (FEET)



LEGEND:

- EX. HYDRANT
- EX. WATER VALVE
- EX. SANITARY MANHOLE
- EX. STORM MANHOLE
- EX. CATCH BASIN (RECTANGULAR CASTING)
- EX. CATCH BASIN (ROUND CASTING)
- EX. WOOD POST
- EX. POST
- EX. GAS METER
- EX. GAS VALVE
- EX. WELL LOCATION
- EX. CLEANOUT
- EX. SEPTIC COVER
- EX. VENT
- EX. ELECTRIC PEDESTAL
- EX. PEDESTAL
- EX. ELECTRIC METER
- EX. AIRCONDITIONER UNIT
- EX. POWER POLE
- EX. GUY WIRE
- EX. LIGHT POLE
- EX. SIGN
- EX. MAILBOX
- EX. DECIDUOUS TREE
- EX. CONIFEROUS TREE
- EX. SANITARY SEWER
- EX. WATER MAIN
- EX. STORM SEWER
- EX. FENCE LINE
- EX. OVERHEAD WIRE
- EX. GAS MAIN
- EX. TELEPHONE
- EX. ELECTRIC
- EX. FIBER OPTIC
- EX. TREE LINE
- EX. DITCH LINE
- EX. ISOLATED NATURAL RESOURCE AREA
- EX. SOIL LINE
- EX. 1-FOOT CONTOURS
- EX. 5-FOOT CONTOURS
- PROP. TREE LINE
- PROP. SANITARY SEWER
- PROP. WATER MAIN
- PROP. STORM SEWER
- PROP. STORM SEWER MANHOLE
- PROP. STORM SEWER CATCH BASIN
- PROP. CONC FLARED END SECTION



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MILWAUKEE AREA 259-1191
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 ENGINEERING | NATURAL RESOURCES | SURVEYING
 WISCONSIN OFFICE:
 20725 WATERTOWN ROAD, SUITE 100
 BROOKFIELD, WI 53186
 (262) 754-8888
 CHICAGO | MILWAUKEE | NATIONWIDE

PRAIRIEVILLE VILLAGE
CITY OF WAUKESHA, WAUKESHA COUNTY, WI

PROPOSED PAVING AND STORM SEWER PLAN & PROFILE

REVISIONS		SHEET
NO.	DATE	
		C-5
		C-11

PEG JOB NO. 1432.00-WI-ASZ
 PEG PH. ASZ
 START DATE 09-24-21
 SCALE 1"=20'-0"

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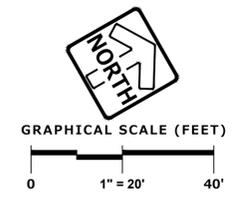
DESIGNED: ASZ

REVIEWED: ASZ

DRAWN: EJM

UTILITY CROSSINGS

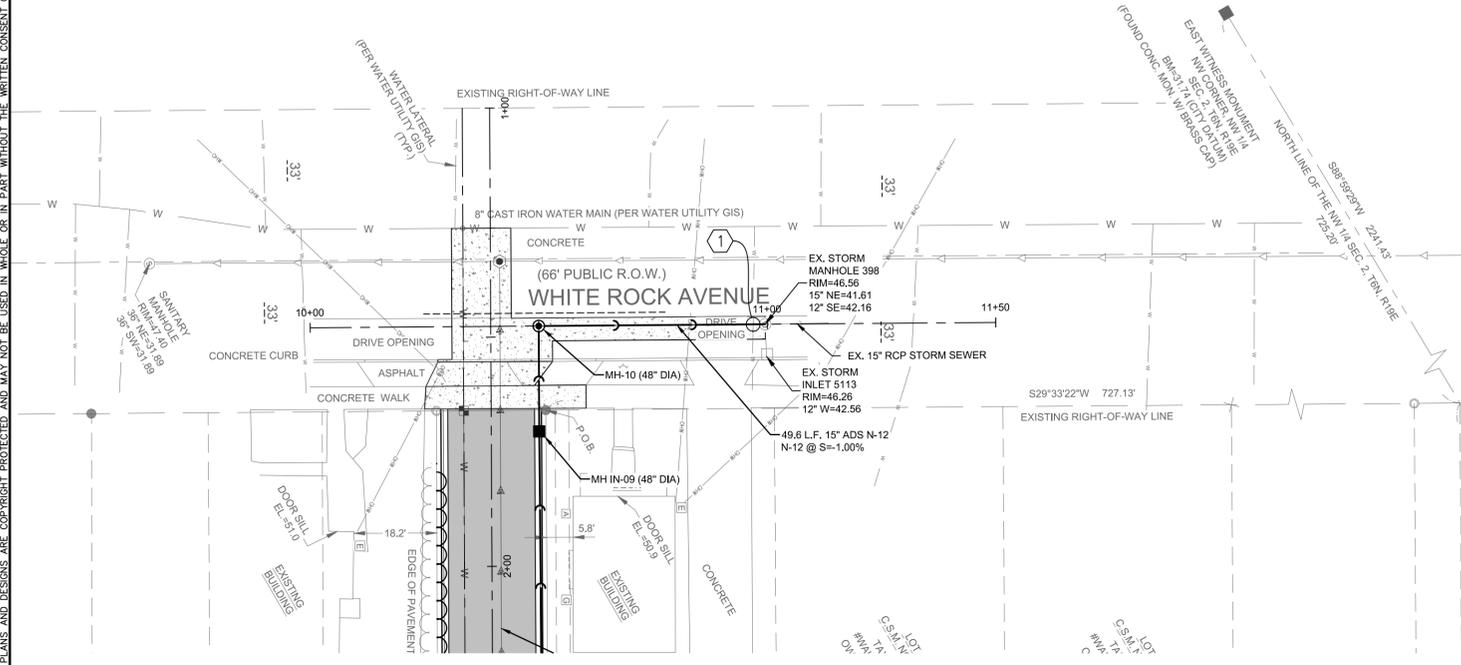
1	15" STORM OVER 1" WATER 15" B/PIPE=41.6 1" T/PIPE=39.6
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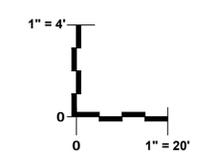
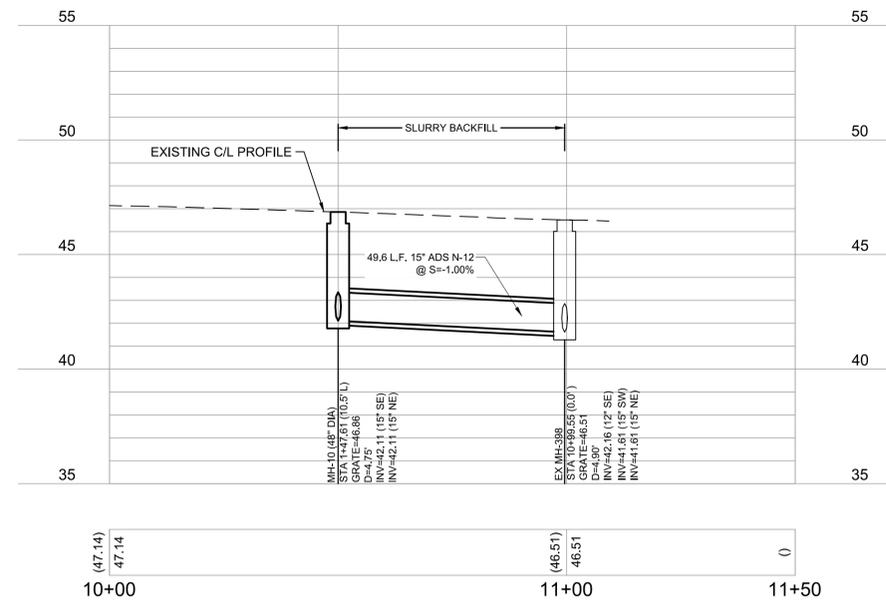
REFERENCE BEARING: THE NORTH LINE OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 2, TOWN 6 NORTH, RANGE 19 EAST WAS USED AS THE REFERENCE BEARING AND HAS A BEARING OF S 88°59'29" W BASED ON THE WISCONSIN STATE PLANE COORDINATE SYSTEM (SOUTH ZONE).

REFERENCE BENCHMARKS: EAST WITNESS MONUMENT FOR THE NW CORNER OF THE NW 1/4 OF SECTION 2, TOWN 6 NORTH, RANGE 19 EAST, CONCRETE MONUMENT WITH A BRASS CAP, ELEV = 31.74 (CITY DATUM, SEWRPC CSSD)

SW CORNER OF THE SE 1/4 OF SECTION 35, TOWN 7 NORTH, RANGE 19 EAST, CONCRETE MONUMENT WITH A BRASS CAP, ELEV = 70.79 (CITY DATUM, SEWRPC CSSD)



- LEGEND:**
- EX. HYDRANT
 - EX. WATER VALVE
 - EX. SANITARY MANHOLE
 - EX. STORM MANHOLE
 - EX. CATCH BASIN (RECTANGULAR CASTING)
 - EX. CATCH BASIN (ROUND CASTING)
 - EX. WOOD POST
 - EX. POST
 - EX. GAS METER
 - EX. GAS VALVE
 - EX. WELL LOCATION
 - EX. CLEANOUT
 - EX. SEPTIC COVER
 - EX. VENT
 - EX. ELECTRIC PEDESTAL
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 - EX. ELECTRIC METER
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 - EX. MAILBOX
 - EX. DECIDUOUS TREE
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 - PROP. STORM SEWER MANHOLE
 - PROP. STORM SEWER CATCH BASIN
 - PROP. CONC FLARED END SECTION



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PRAIRIEVILLE VILLAGE
CITY OF WAUKESHA, WAUKESHA COUNTY, WI

**PROPOSED PAVING
AND STORM SEWER
PLAN & PROFILE**

REVISIONS

PEG JOB No. **1432.00-WI**
PEG PH **ASZ**
START DATE **09-24-21**
SCALE **###-###-##**

SHEET
C-6
C-11

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REVIEWED: ASZ

DESIGNED: ASZ

DRAWN: EJM

EAST WITNESS MONUMENT
NW CORNER, NW 1/4
SEC. 2, T6N, R19E
BM=31.74 (CITY DATUM)
(FOUND CONC. MON. W/ BRASS CAP)

S88°59'29"W 2241.43'
NORTH LINE OF THE NW 1/4 SEC. 2, T6N, R19E
725.20'

NE CORNER, NW 1/4
SEC. 2, T6N, R19E
(ESTABLISHED BY TIES)
N=375,997.18; E=2,477,009.88
(WISCONSIN STATE PLANE CO-
ORDINATE SYSTEM, SOUTH ZONE)

LOT 3
C.S.M. NO. 11780
TAX KEY
#WAKC1302630
OWNER: SEE

LOT 2
C.S.M. NO. 11780
TAX KEY
#WAKC1302629
OWNER: JONES

LOT 1
C.S.M. NO. 11780
TAX KEY
#WAKC1302628
OWNER: MINSTER

TAX KEY
#WAKC1302377
OWNER: ALPIZAR

TAX KEY
#WAKC1302384
OWNER: LAND & HOME LLC

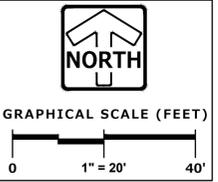
TAX KEY
#WAKC1302381
OWNER:
GONZALEZ

TAX KEY
#WAKC1302380
OWNER: MOKWA

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SW CORNER OF THE SE 1/4 OF SECTION 35, TOWN 7 NORTH, RANGE 19 EAST, CONCRETE MONUMENT WITH A BRASS CAP, ELEV = 70.79 (CITY DATUM, SEWRPC CSSD)



LEGEND:

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- PROP. STORM SEWER
- PROP. STORM SEWER MANHOLE
- PROP. STORM SEWER CATCH BASIN
- PROP. CONC FLARED END SECTION
- PROP. 1-FOOT CONTOURS
- PROP. 5-FOOT CONTOURS
- PROP. SPOT ELEVATIONS
- Y FINISHED YARD GRADE

NOTES:

1. THERE WILL NOT BE ANY STREET LIGHTING. THERE WILL BE LIGHTS ON EACH BUILDING AND ON ANY FUTURE GARAGES.

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RESISTANCE TO PENETRATION
MILV AREA 259-1191

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CHICAGO | MILWAUKEE | NATIONWIDE

PRAIRIEVILLE VILLAGE
CITY OF WAUKESHA, WAUKESHA COUNTY, WI

GRADING PLAN

REVISIONS	

PEG NO. 1332.00-WI
ASZ
START DATE: 09-24-21
SCALE: 1" = 20'

SHEET C-7 C-11

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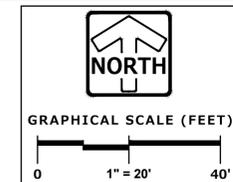
DESIGNED: ASZ

DRAWN: EJM

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NW CORNER, NW 1/4
SEC. 2, T6N, R19E
BM=31.74 (CITY DATUM)
(FOUND CONC. MON. W/ BRASS CAP)

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NORTH LINE OF THE NW 1/4 SEC. 2, T6N, R19E
725.20'

NE CORNER, NW 1/4
SEC. 2, T6N, R19E
(ESTABLISHED BY TIES)
N=375.997, 18, E=2477.009, 88
(WISCONSIN STATE PLANE CO-
ORDINATE SYSTEM, SOUTH ZONE)



LEGEND:

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PROP. CONC FLARED END SECTION
PROP. 1-FOOT CONTOURS
PROP. 5-FOOT CONTOURS
PROP. SPOT ELEVATIONS
FINISHED YARD GRADE
PROP. TEMP. EROSION MATTING
PROP. TRACKING PAD
PROP. INLET PROTECTION
PROP. STRAW WATTLE
PROP. SILT FENCE
PROP. MEDIUM RIPRAP ON STABILIZATION FABRIC

NOTES:

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PINNACLE ENGINEERING GROUP logo and contact information: 20725 WATERTOWN ROAD, SUITE 100, BROOKFIELD, WI 53186. (202) 754-8888. CHICAGO | MILWAUKEE | NATIONWIDE.

PRAIRIEVILLE VILLAGE EROSION CONTROL PLAN CITY OF WAUKESHA, WAUKESHA COUNTY, WI

Table with columns for REVISIONS, SHEET C-8, C-11, and SCALE 1" = 20'.

PRELIMINARY EROSION CONTROL PLAN www.pinnacle-engr.com

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DESIGNED: ASZ
REVIEWED: ASZ

DRAWN: EJM

SITE LAYOUT & PAVING NOTES

- ALL DIMENSIONS ARE BACK OF CURB TO BACK OF CURB OR BUILDING FOUNDATION UNLESS NOTED OTHERWISE. ALL UTILITY DIMENSIONS ARE TO OUTSIDE OF PIPE OR CENTER OF STRUCTURE UNLESS OTHERWISE NOTED. ALL PAVING DIMENSIONS ARE TO BACK OF CURB TO EDGE OF PAVEMENT, EXCEPT FOR THE SETBACK FROM PARKING LOTS, MANUEVERING LANES AND FIRE ACCESS LANES, WHERE THE SETBACK IS MEASURED FROM THE BACK OF CURB TO THE PROPERTY LINE.
- ALL PROPOSED CURB AND GUTTER SHALL BE 18" STANDARD CURB AND GUTTER (SEE DETAIL), UNLESS OTHERWISE NOTED. CURB AND GUTTER DRAINING AWAY FROM THE FACE OF CURB IS NOTED AS REVERSE CURB AND GUTTER.
- ALL RADII ARE MEASURED TO BACK OF CURB UNLESS NOTED OTHERWISE.
- BUILDING DIMENSIONS AND ADJACENT PARKING AND UTILITY LAYOUT HAVE BEEN PREPARED BASED UPON ARCHITECTURAL INFORMATION CURRENT AT THE DATE OF THIS DRAWING. SUBSEQUENT ARCHITECTURAL CHANGES MAY EXIST. THEREFORE CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR PRECISE BUILDING DIMENSIONS AND EXACT UTILITY ENTRANCE LOCATIONS AND NOTIFY THE ARCHITECT AND ENGINEER OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
- IMPROVEMENTS ADJACENT TO BUILDING IF SHOWN SUCH AS TRUCK DOCK, RETAINING WALLS, SIDEWALKS, CURBING, FENCES, CANOPIES, RAMPS, HANDICAP ACCESS, PLANTERS, DUMPSTERS, AND TRANSFORMERS ETC. HAVE BEEN SHOWN FOR APPROXIMATE LOCATION ONLY. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS, SPECIFICATIONS, AND DETAILS.
- ALL PAVING SHALL CONFORM TO STATE OF WISCONSIN STANDARD SPECIFICATIONS FOR HIGHWAY & STRUCTURE CONSTRUCTION AND APPLICABLE CITY OF WAUKESHA ORDINANCES, AND SPECIFICATIONS CONTAINED WITHIN THIS PLAN SET.
- CONTRACTOR SHALL CONSULT STRIPING COLOR WITH OWNER PRIOR TO CONSTRUCTION.
- PROVIDE CONTRACTOR GRADE ACRYLIC, STRIPING PAINT FOR NEW ASPHALT OR COATED ASPHALT. APPLY MARKING PAINT AT A RATE OF ONE (1) GALLON PER THREE TO FOUR HUNDRED (300-400) LINEAL FEET OF FOUR (4) INCH WIDE STRIPES OR TO MANUFACTURERS SPECIFICATION, WHICHEVER IS GREATER.
- THOROUGHLY CLEAN SURFACES FREE OF DIRT, SAND, GRAVEL, OIL AND OTHER FOREIGN MATTER. CONTRACTOR RESPONSIBLE TO INSPECT EXISTING PAVEMENT SURFACES FOR CONDITIONS AND DEFECTS THAT WILL ADEQUATELY AFFECT QUALITY OF WORK, AND WHICH CANNOT BE PUT INTO AN ACCEPTABLE CONDITION THROUGH NORMAL PREPARATORY WORK AS SPECIFIED.
- DO NOT PLACE MARKING OVER UNSOUND PAVEMENTS. IF THESE CONDITIONS EXIST, NOTIFY OWNER. STARTING INSTALLATION CONSTITUTES CONTRACTORS ACCEPTANCE OF SURFACE AS SUITABLE FOR INSTALLATION.
- LAYOUT MARKINGS USING GUIDE LINES, TEMPLATES AND FORMS. STENCILS AND TEMPLATES SHALL BE PROFESSIONALLY MADE TO INDUSTRY STANDARDS. "FREE HAND" PAINTING OF ARROWS, SYMBOLS, OR WORDING SHALL NOT BE ALLOWED. APPLY STRIPES STRAIGHT AND EVEN.
- PROTECT ADJACENT CURBS, WALKS, FENCES, AND OTHER ITEMS FROM RECEIVING PAINT.
- BARRICADE MARKED AREAS DURING INSTALLATION AND UNTIL THE MARKING PAINT IS DRIED AND READY FOR TRAFFIC.
- ASPHALTIC CONCRETE PAVING SPECIFICATIONS.

WEATHER LIMITATIONS: APPLY TACK COATS WHEN AMBIENT TEMPERATURE IS ABOVE 50° F (10° C) AND WHEN TEMPERATURE HAS NOT BEEN BELOW 35° F (1° C) FOR 12 HOURS IMMEDIATELY PRIOR TO APPLICATION. DO NOT APPLY WHEN BASE IS WET OR CONTAINS EXCESS OF MOISTURE. CONSTRUCT ASPHALTIC CONCRETE SURFACE COURSE WHEN ATMOSPHERIC TEMPERATURE IS ABOVE 40° (10° C) AND WHEN BASE IS DRY AND WHEN WEATHER IS NOT RAINY. BASE COURSE MAY BE PLACED WHEN AIR TEMPERATURE IS ABOVE 30° F (-1° C).

GRADE CONTROL: ESTABLISH AND MAINTAIN REQUIRED LINES AND ELEVATIONS FOR EACH COURSE DURING CONSTRUCTION.

CRUSHED AGGREGATE BASE COURSE: THE TOP LAYER OF BASE COURSE SHALL CONFORM TO SECTIONS 301 AND 305, STATE HIGHWAY SPECIFICATIONS.

BINDER COURSE AGGREGATE: THE AGGREGATE FOR THE BINDER COURSE SHALL CONFORM TO SECTIONS 460.2.7 AND 315, STATE HIGHWAY SPECIFICATIONS.

SURFACE COURSE AGGREGATE: THE AGGREGATE FOR THE SURFACE COURSE SHALL CONFORM TO SECTIONS 460.2.7 AND 465, STATE HIGHWAY SPECIFICATIONS.

ASPHALTIC MATERIALS: THE ASPHALTIC MATERIALS SHALL CONFORM TO SECTION 455 AND 460, STATE HIGHWAY SPECIFICATIONS.

SURFACE PREPARATION: NOTIFY CONTRACTOR OF UNSATISFACTORY CONDITIONS. DO NOT BEGIN PAVING WORK UNTIL DEFICIENT SUBBASE AREAS HAVE BEEN CORRECTED AND ARE READY TO RECEIVE PAVING.

CONSTRUCTION SEQUENCE

- INSTALL TRACKING PAD, SILT FENCE AND INLET PROTECTION.
 - STRIP TOPSOIL AND BEGIN BUILDING CONSTRUCTION.
 - ROUGH GRADE SITE.
 - INSTALL UTILITIES.
 - FINISH GRADE SITE.
 - INSTALL STONE.
 - INSTALL CURB & GUTTER AND SIDEWALK.
 - PAVE DRIVES AND PARKING.
 - RESPREAD TOPSOIL, SEED, FERTILIZE AND STABILIZE DISTURBED AREAS.
 - MAINTAIN EROSION CONTROL MEASURES UNTIL THE SITE IS 80% REVEGETATED. THE CONTRACTOR IS TO REMOVE AND DISPOSE OF ALL TEMPORARY EROSION CONTROL MEASURES. RESTORE ANY DISTURBED AREAS DUE TO EROSION CONTROL MEASURE REMOVAL.
- ESTIMATED START DATE: MARCH 2022
 ESTIMATED COMPLETION DATE: SEPTEMBER 2022
 ESTIMATED DISTURBED AREA: 34,110 S.F. / 0.78 AC.

SITE GRADING NOTES

- CONTRACTOR SHALL VERIFY ALL GRADES, ENSURE ALL AREAS DRAIN PROPERLY AND REPORT ANY DISCREPANCIES TO PINNACLE ENGINEERING GROUP PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITIES.
- ALL EXISTING CONTOURS REPRESENT EXISTING SURFACE GRADES UNLESS OTHERWISE NOTED. ALL PROPOSED GRADES SHOWN ARE FINISH SURFACE GRADES UNLESS OTHERWISE NOTED.
- SPOT ELEVATIONS REPRESENT THE GRADE ALONG THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- ALL EXCAVATIONS AND MATERIAL PLACEMENT SHALL BE COMPLETED TO DESIGN ELEVATIONS AS DEPICED IN THE PLANS.

CONTRACTOR SHALL ASSUME SOLE RESPONSIBILITY FOR THE COMPUTATION(S) OF ALL GRADING QUANTITIES. WHILE PEG ATTEMPTS TO PROVIDE A COST EFFECTIVE APPROACH TO BALANCE EARTHWORK, GRADING DESIGN IS BASED ON MANY FACTORS, INCLUDING SAFETY, AESTHETICS, AND COMMON ENGINEERING STANDARD OF CARE, THEREFORE NO GUARANTEE CAN BE MADE FOR A BALANCED SITE.

THE CONTRACTOR MAY SOLICIT APPROVAL FROM ENGINEER/OWNER TO ADJUST FINAL GRADES FROM DESIGN GRADES TO PROVIDE AN OVERALL SITE BALANCE AS A RESULT OF FIELD CONDITIONS.
- GRADING ACTIVITIES SHALL BE IN A MANNER TO ALLOW POSITIVE DRAINAGE ACROSS DISTURBED SOILS, WHICH MAY INCLUDE EXCAVATION OF TEMPORARY DITCHES TO PREVENT PONDING, AND IF NECESSARY PUMPING TO ALLEVIATE PONDING. CONTRACTOR SHALL PREVENT SURFACE WATER FROM ENTERING INTO EXCAVATIONS. IN NO WAY SHALL OWNER BE RESPONSIBLE FOR REMEDIATION OF UNSUITABLE SOILS CREATED/ORIGINATED AS A RESULT OF IMPROPER SITE GRADING OR SEQUENCING. CONTRACTOR SHALL SEQUENCE GRADING ACTIVITIES TO LIMIT EXPOSURE OF DISTURBED SOILS DUE TO WEATHER.
- THE CONTRACTOR IS RESPONSIBLE FOR MEETING MINIMUM COMPACTION STANDARDS. THE CONTRACTOR SHALL NOTIFY ENGINEER/OWNER IF PROPER COMPACTION CANNOT BE OBTAINED. THE PROJECT'S GEOTECHNICAL CONSULTANT SHALL DETERMINE WHICH IN-SITU SOILS ARE TO BE CONSIDERED UNSUITABLE SOILS. THE ENGINEER/OWNER AND GEOTECHNICAL TESTING CONSULTANT WILL DETERMINE IF REMEDIAL MEASURES WILL BE NECESSARY.
- IN THE EVENT THAT ANY MOISTURE-DENSITY TEST(S) FAIL TO MEET SPECIFICATION REQUIREMENTS, THE CONTRACTOR SHALL PERFORM CORRECTIVE WORK AS NECESSARY TO BRING THE MATERIAL INTO COMPLIANCE AND RETEST THE FAILED AREA AT NO COST TO THE OWNER.
- WITH THE AUTHORIZATION OF THE ENGINEER/OWNER, MATERIAL THAT IS TOO WET TO PERMIT PROPER COMPACTION MAY BE SPREAD ON FILL AREAS IN AN EFFORT TO DRY. CONTRACTOR SHALL CLEARLY FIELD MARK THE EXTERIOR LIMITS OF SPREAD MATERIAL WITH PAINTED LATH AND SUBMIT A PLAN TO THE ENGINEER/OWNER THAT IDENTIFIES THE LIMITS. UNDER NO CONDITION SHALL THE SPREAD MATERIAL DEPTH EXCEED THE MOST RESTRICTIVE OF THE EFFECTIVE TREATMENT DEPTH OF MACHINERY THAT WILL BE USED TO TURNOVER THE SPREAD MATERIAL, OR THE MAXIMUM COMPACTION LIFT DEPTH.
- THE CONTRACTOR SHALL IMMEDIATELY NOTIFY ENGINEER/OWNER IF GROUNDWATER IS ENCOUNTERED DURING EXCAVATION.
- CONTRACTOR IS SOLELY RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF ADEQUATE AND SAFE TEMPORARY SHORING, BRACING, RETENTION STRUCTURES, AND EXCAVATIONS.
- THE SITE SHALL BE COMPLETED TO WITHIN 0.10-FT (+/-) OF THE PROPOSED GRADES AS INDICATED WITHIN THE PLANS PRIOR TO PLACEMENT OF TOPSOIL OR STONE. CONTRACTOR IS ENCOURAGED TO SEQUENCE CONSTRUCTION SUCH THAT THE SITE IS DIVIDED INTO SMALLER AREAS TO ALLOW STABILIZATION OF DISTURBED SOILS IMMEDIATELY UPON COMPLETION OF INDIVIDUAL SMALLER AREAS.
- CONTRACTOR SHALL CONTACT "DIGGER'S HOTLINE" FOR LOCATIONS OF ALL EXISTING UTILITIES PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES AND SHALL BE RESPONSIBLE FOR PROTECTING SAID UTILITIES FROM ANY DAMAGE DURING CONSTRUCTION.
- CONTRACTOR SHALL PROTECT INLETS AND ADJACENT PROPERTIES WITH SILT FENCING OR APPROVED EROSION CONTROL METHODS UNTIL CONSTRUCTION IS COMPLETED. CONTRACTOR SHALL PLACE SILT FENCING AT DOWN SLOPE SIDE OF GRADING LIMITS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO ANY EXISTING FACILITIES OR UTILITIES. ANY DAMAGE SHALL BE REPAIRED TO THE OWNER'S SATISFACTION AT THE EXPENSE OF THE CONTRACTOR.
- WORK WITHIN ANY ROADWAY RIGHT-OF-WAY SHALL BE COORDINATED WITH THE CITY OF WAUKESHA PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FEES. GRADING WITHIN RIGHT-OF-WAY IS SUBJECT TO APPROVAL BY THE CITY. RESTORATION OF RIGHT-OF-WAY IS CONSIDERED INCIDENTAL AND SHALL BE INCLUDED IN THE COST OF GRADING. RESTORATION SHALL INCLUDE ALL ITEMS NECESSARY TO RESTORE RIGHT-OF-WAY IN-KIND INCLUDING LANDSCAPING.

SITE UTILITY NOTES

- EXISTING UTILITIES ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY AND ARE NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE TYPE, LOCATION, SIZE AND ELEVATION OF UNDERGROUND UTILITIES AS THEY DEEM NECESSARY FOR PROPOSED UTILITY CONNECTIONS AND/OR TO AVOID DAMAGE THERETO. CONTRACTOR SHALL CALL "DIGGER'S HOTLINE" PRIOR TO ANY CONSTRUCTION.
- ALL UTILITY WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF WAUKESHA STANDARDS.
- ALL APPLICATIONS AND FEES FOR SANITARY SEWER MUST BE COMPLETED AND PAID PRIOR TO CONNECTION TO SEWER SYSTEMS.
- ANY UTILITY WORK IN THE RIGHT-OF-WAY AND ALL SANITARY SEWER CONNECTIONS TO BE INSPECTED BY CITY. NOTIFY CITY 72 HOURS IN ADVANCE OF CONNECTING TO SEWER.
- LENGTHS OF PROPOSED UTILITIES ARE TO CENTER OF STRUCTURES OR FITTINGS AND MAY VARY SLIGHTLY FROM PLAN. LENGTHS ARE SHOWN FOR CONTRACTOR CONVENIENCE ONLY. CONTRACTOR IS SOLELY RESPONSIBLE FOR COMPUTATIONS OF MATERIALS REQUIRED TO COMPLETE WORK. LENGTHS SHALL BE FIELD VERIFIED DURING CONSTRUCTION.
- CONTRACTOR SHALL ADJUST AND/OR RECONSTRUCT EXISTING UTILITY COVERS (SUCH AS MANHOLE COVERS, VALVE BOX COVERS, ETC.) TO MATCH FINISHED GRADES OF THE AREAS DISTURBED DURING CONSTRUCTION.
- CONTRACTOR SHALL FIELD VERIFY LOCATIONS, ELEVATIONS, AND SIZES OF PROPOSED UTILITIES AND CHECK ALL UTILITY CROSSINGS FOR CONFLICTS PRIOR TO ATTEMPTING CONNECTIONS AND BEGINNING UTILITY CONSTRUCTION AND NOTIFY THE OWNER OF ANY DISCREPANCIES OR CONFLICTS.
- ALL NEW ON-SITE SANITARY, STORM AND WATER UTILITIES SHALL BE PRIVATELY OWNED AND MAINTAINED BY THE PROPERTY OWNER.
- ROUTING OF GAS, ELECTRIC AND TELEPHONE SERVICES ARE SHOWN ON THE ARCHITECTURAL PLANS AND SUBJECT TO CHANGE BASED UPON FINAL REVIEW AND APPROVAL BY RESPECTIVE UTILITY COMPANIES AND OWNER. CONTRACTOR SHALL CONTACT EACH UTILITY COMPANY AND COORDINATE FINAL LOCATIONS FOR ALL UTILITY SERVICES PRIOR TO START OF CONSTRUCTION.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH THE PROPER AUTHORITIES FOR ANY REQUIRED PERMITS, AUTHORIZATIONS, TRAFFIC CONTROL AND ANY PERMIT FEES REQUIRED.
- FIELD TILE CONNECTION - ALL FIELD TILE ENCOUNTERED DURING CONSTRUCTION SHALL BE INCLUDED IN THE UNIT PRICE(S) FOR STORM SEWER. TILE LINES CROSSED BY THE TRENCH SHALL BE REPLACED WITH THE SAME MATERIAL AS THE STORM SEWER.
- THE CONTRACTOR IS RESPONSIBLE FOR THE SIZE, TYPE AND NUMBER OF WATER MAIN BENDS, HORIZONTAL AND VERTICAL, REQUIRED TO COMPLETE CONSTRUCTION. COST FOR BENDS, HORIZONTAL AND VERTICAL, SHALL BE INCIDENTAL AND INCLUDED IN THE OVERALL COST OF THE CONTRACT.
- STORM SEWER SPECIFICATIONS -

HIGH DENSITY DUAL-WALL POLYETHYLENE N-12 CORRUGATED PIPE (HDPE) SHALL BE AS MANUFACTURED BY ADS OR EQUAL WITH WATER TIGHT JOINTS, AND SHALL MEET THE REQUIREMENTS OF AASHTO DESIGNATION M-294 TYPE "S", OR POLYVINYL CHLORIDE (PVC) - CLASS PS46 MEETING AASHTO M278, AS NOTED. IF HDPE PIPE IS USED FOR POND OUTFALLS, A MINIMUM OF THREE (3) SECTIONS (2 STRAPS) SHALL BE STRAPPED TOGETHER.

INLETS/CATCH BASINS - INLETS/CATCH BASINS SHALL BE CONSTRUCTED IN ACCORDANCE WITH FILE NO. 26 OF THE "STANDARD SPECIFICATIONS" WITH A 1'-8" X 2'-6" MAXIMUM OPENING. THE SLUMP DEPTH (VERTICAL DISTANCE FROM THE BASE OF THE STRUCTURE TO OUTFALL INVERT OF THE PIPE) SHALL BE 24" MIN. STRUCTURE SHOP DRAWINGS SHALL BE SUBMITTED TO PINNACLE ENGINEERING GROUP FOR REVIEW AND APPROVAL PRIOR TO MANUFACTURING AND INSTALLATION.

BACKFILL AND BEDDING - STORM SEWER SHALL BE CONSTRUCTED WITH GRAVEL BACKFILL AND CLASS "B" BEDDING IN ALL PAVED AREAS AND TO A POINT 5 FEET BEYOND THE EDGE OF PAVEMENT. TRENCHES RUNNING PARALLEL TO AND LESS THAN 5 FEET FROM THE EDGE OF PAVEMENT SHALL ALSO REQUIRE GRAVEL BACKFILL. LANDSCAPED AREAS MAY BE BACKFILLED WITH EXCAVATED MATERIAL IN CONFORMANCE WITH SECTION 8.43.5 OF THE "STANDARD SPECIFICATIONS".
- WATER MAIN SPECIFICATIONS -

PIPE - WATER MAIN SHALL BE POLYVINYL CHLORIDE (PVC) PIPE MEETING THE REQUIREMENTS OF AWWA STANDARD C-900, CLASS 150, DR-18, WITH CAST IRON O.D. AND INTEGRAL ELASTOMERIC BELL AND SPIGOT JOINTS. VALVES AND VALVE BOXES - GATE VALVES SHALL BE AWWA GATE VALVES MEETING THE REQUIREMENTS OF AWWA C-500 AND CHAPTER 8.27.0 OF THE "STANDARD SPECIFICATIONS". GATE VALVES AND VALVE BOXES SHALL CONFORM TO LOCAL PLUMBING ORDINANCES.

HYDRANTS - HYDRANTS SHALL CONFORM TO THE SPECIFICATIONS OF THE CITY OF WAUKESHA AND IN ACCORDANCE WITH FILE NO. 38 OF THE "STANDARD SPECIFICATIONS." THE DISTANCE FROM THE GROUND LINE TO THE CENTERLINE OF THE LOWEST NOZZLE AND THE LOWEST CONNECTION OF THE FIRE DEPARTMENT SHALL BE NO LESS THAN 18-INCHES AND NO GREATER THAN 23-INCHES.

BEDDING AND COVER MATERIAL - PIPE BEDDING AND COVER MATERIAL SHALL BE SAND, CRUSHED STONE CHIPS OR CRUSHED STONE SCREENINGS CONFORMING TO CHAPTER 8.43.2 OF THE "STANDARD SPECIFICATIONS".

BACKFILL - BACKFILL MATERIAL AND INSTALLATION SHALL BE IN ACCORDANCE WITH CHAPTER 2.6.0 OF THE "STANDARD SPECIFICATIONS". GRAVEL BACKFILL IS REQUIRED IN ALL PAVED AREAS AND TO A POINT 5 FEET BEYOND THE EDGE OF PAVEMENT. TRENCHES RUNNING PARALLEL TO AND LESS THAN 5 FEET FROM THE EDGE OF PAVEMENT SHALL ALSO REQUIRE GRAVEL BACKFILL. LANDSCAPED AREAS MAY BE BACKFILLED WITH EXCAVATED MATERIAL IN CONFORMANCE WITH SECTION 8.43.5 OF THE "STANDARD SPECIFICATIONS".

SANITARY SEWER SPECIFICATIONS -

PIPE - SANITARY SEWER PIPE MATERIAL SHALL BE POLYVINYL CHLORIDE (PVC) MEETING REQUIREMENTS OF ASTM D 3034, SDR-26 OR SDR-35, WITH INTEGRAL BELL TYPE FLEXIBLE ELASTOMERIC JOINTS, MEETING THE REQUIREMENTS OF ASTM D-3212.

BEDDING AND COVER MATERIAL - BEDDING AND COVER MATERIAL SHALL CONFORM TO THE APPROPRIATE SECTIONS OF THE "STANDARD SPECIFICATION" WITH THE FOLLOWING MODIFICATION: "COVER MATERIAL SHALL BE THE SAME AS USED FOR BEDDING AND SHALL CONFORM TO SECTION 8.43.2 (A). BEDDING AND COVER MATERIAL SHALL BE PLACED IN A MINIMUM OF THREE SEPARATE LIFTS, OR AS REQUIRED TO INSURE ADEQUATE COMPACTING OF THESE MATERIALS, WITH ONE LIFT OF BEDDING MATERIAL ENDING AT OR NEAR THE SPRINGLINE OF THE PIPE. THE CONTRACTOR SHALL TAKE CARE TO COMPLETELY WORK BEDDING MATERIAL UNDER THE HAUNCH OF THE PIPE TO PROVIDE ADEQUATE SIDE SUPPORT."

BACKFILL - BACKFILL MATERIAL AND INSTALLATION SHALL BE IN ACCORDANCE CHAPTER 2.6.0 OF THE "STANDARD SPECIFICATIONS". GRAVEL BACKFILL IS REQUIRED IN ALL PAVED AREAS AND TO A POINT 5 FEET BEYOND THE EDGE OF PAVEMENT. TRENCHES RUNNING PARALLEL TO AND LESS THAN 5 FEET FROM THE EDGE OF PAVEMENT SHALL ALSO REQUIRE GRAVEL BACKFILL. LANDSCAPED AREAS MAY BE BACKFILLED WITH EXCAVATED MATERIAL IN CONFORMANCE WITH SECTION 8.43.5 OF THE "STANDARD SPECIFICATIONS".

MANHOLES - MANHOLES SHALL BE CONSTRUCTED IN ACCORDANCE WITH FILE NOS. 12, 13 AND 15 OF THE "STANDARD SPECIFICATIONS" AND ALL SPECIAL PROVISIONS OF THE VILLAGE OF PLEASANT PRAIRIE. STRUCTURE SHOP DRAWINGS SHALL BE SUBMITTED TO PINNACLE ENGINEERING GROUP FOR REVIEW AND APPROVAL PRIOR TO MANUFACTURING AND INSTALLATION.

MANHOLE FRAMES AND COVERS - MANHOLE FRAMES AND COVERS SHALL BE NEENAH R-1642 WITH TYPE "B" SELF SEALING LIDS, NON-ROCKING OR EQUAL.

WATER MAIN AND SANITARY SEWER SHALL BE INSULATED WHEREVER THE DEPTH OF COVER IS LESS THAN 6 FEET. INSULATION AND PLACING OF INSULATION SHALL CONFORM TO CHAPTER 4.17.0 "INSULATION" OF THE STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN 6TH EDITION UPDATED WITH ITS LATEST ADDENDUM (TYP.).

TRACER WIRE SHALL BE INSTALLED IN ACCORDANCE WITH THE PROVISIONS OF THESE CODE SECTIONS AS PER 182.0715(2R) OF THE STATUTES. THE TRACER WIRE FOR THE SANITARY SEWER LATERAL SHALL BE CONTINUOUS AND SHALL BE EXTENDED ABOVE GRADE VIA A 4-INCH PVC PIPE WITH SCREW-ON CAP ADJACENT TO THE PROPOSED TERMINATION POINT OF THE LATERAL FOR THE PROPOSED BUILDING.

GENERAL EROSION AND SEDIMENT CONTROL NOTES

- ALL CONSTRUCTION SHALL ADHERE TO THE REQUIREMENTS SET FORTH IN EPA'S NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) STORMWATER GENERAL PERMIT ("WPDES" PERMIT NO. WI-5067831-4) FOR CONSTRUCTION SITE LAND DISTURBANCE ACTIVITIES. ALL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL TECHNICAL STANDARDS AND PROVISIONS IN EFFECT AT THE TIME OF CONSTRUCTION. THESE PROCEDURES AND STANDARDS SHALL BE REFERRED TO AS BEST MANAGEMENT PRACTICES (BMP'S). IT IS THE RESPONSIBILITY OF ALL CONTRACTORS ASSOCIATED WITH THE PROJECT TO OBTAIN A COPY OF, AND UNDERSTAND, THE BMP'S PRIOR TO THE START OF CONSTRUCTION ACTIVITIES.
- THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL CONTROL MEASURES AS DIRECTED BY OWNER/ENGINEER OR GOVERNING AGENCIES SHALL BE INSTALLED WITHIN 24 HOURS OF REQUEST.
- MODIFICATIONS TO THE APPROVED SWPPP IN ORDER TO MEET UNFORESEEN FIELD CONDITIONS ARE ALLOWED IF MODIFICATIONS CONFORM TO BMP'S. ALL MODIFICATIONS MUST BE APPROVED BY OWNER/ENGINEER/GOVERNING AGENCY PRIOR TO DEVIATION OF THE APPROVED PLAN.
- INSTALL PERIMETER EROSION CONTROL MEASURES (SUCH AS CONSTRUCTION ENTRANCES, SILT FENCE AND EXISTING INLET PROTECTION) PRIOR TO ANY SITE WORK, INCLUDING GRADING OR DISTURBANCE OF EXISTING SURFACE COVER. AS SHOWN ON PLAN IN ORDER TO PROTECT ADJACENT PROPERTIES/STORM SEWER SYSTEMS FROM SEDIMENT TRANSPORT.
- CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT ALL LOCATIONS OF VEHICLE INGRESS/EGRESS POINTS. CONTRACTOR IS RESPONSIBLE TO COORDINATE LOCATION(S) WITH THE PROPER AUTHORITIES, PROVIDE NECESSARY FEES AND OBTAIN ALL REQUIRED APPROVALS OR PERMITS. ADDITIONAL CONSTRUCTION ENTRANCES OTHER THAN AS SHOWN ON THE PLANS MUST BE APPROVED BY THE APPLICABLE GOVERNING AGENCIES PRIOR TO INSTALLATION.
- PAVED SURFACES ADJACENT TO CONSTRUCTION ENTRANCES SHALL BE SWEEP AND/OR SCRAPED TO REMOVE ACCUMULATED SOIL, DIRT AND/OR DUST IMMEDIATELY AND AS REQUESTED BY THE GOVERNING AGENCIES.
- ALL EXISTING STORM SEWER FACILITIES THAT WILL COLLECT RUNOFF FROM DISTURBED AREAS SHALL BE PROTECTED TO TO PREVENT SEDIMENT DEPOSITION WITHIN STORM SEWER SYSTEMS. INLET PROTECTION SHALL BE IMMEDIATELY FITTED AT THE INLET OF ALL INSTALLED STORM SEWER AND SILT FENCE SHALL BE IMMEDIATELY FITTED AT ALL INSTALLED CULVERT INLETS. ALL INLETS, STRUCTURES, PIPES, AND SWALES SHALL BE KEPT CLEAN AND FREE OF SEDIMENTATION AND DEBRIS.
- EROSION CONTROL FOR UTILITY CONSTRUCTION (STORM SEWER, WATER MAIN, ETC.) OUTSIDE OF THE PERIMETER CONTROLS SHALL INCORPORATE THE FOLLOWING:

PLACE EXCAVATED TRENCH MATERIAL ON THE HIGH SIDE OF THE TRENCH.

BACKFILL, COMPACT AND STABILIZE THE TRENCH IMMEDIATELY AFTER PIPE CONSTRUCTION.

DISCHARGE TRENCH WATER INTO A DEWATERING / SEDIMENT BAG OR FILTERING TANK IN ACCORDANCE WITH BMP'S PRIOR TO RELEASE INTO STORM SEWER OR DITCHES.
- ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES MUST BE MAINTAINED AND REPAIRED AS NEEDED. THE GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR INSPECTION AND REPAIR DURING CONSTRUCTION. THE OWNER WILL BE RESPONSIBLE IF EROSION CONTROL IS REQUIRED AFTER THE CONTRACTOR HAS COMPLETED THE PROJECT.
- EROSION CONTROL MEASURES TEMPORARILY REMOVED FOR UNAVOIDABLE CONSTRUCTION ACTIVITIES SHALL BE IN WORKING ORDER IMMEDIATELY FOLLOWING COMPLETION OF SUCH ACTIVITIES OR PRIOR TO THE COMPLETION OF EACH WORK DAY, WHICH EVER OCCURS FIRST.
- MAINTAIN SOIL EROSION CONTROL DEVICES THROUGHOUT THE DURATION OF THIS PROJECT. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN THIRTY (30) DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED. DISTURBANCES ASSOCIATED WITH EROSION CONTROL REMOVAL SHALL BE IMMEDIATELY STABILIZED.
- PUMPS MAY BE USED AS BYPASS DEVICES. IN NO CASE SHALL PUMPED WATER BE DIVERTED OUTSIDE THE PROJECT LIMITS. PUMP DISCHARGE SHALL BE DIRECTED INTO AN APPROVED FILTER BAG OR APPROVED SETTLING DEVICE.
- GRADING EFFORTS SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. EROSION AND SEDIMENT CONTROL MEASURES SHALL CONSIDER THE TIME OF YEAR, SITE CONDITIONS, AND THE USE OF TEMPORARY OR PERMANENT MEASURES. ALL DISTURBED AREAS THAT WILL NOT BE WORKED FOR A PERIOD OF FOURTEEN (14) DAYS REQUIRE TEMPORARY SEEDING FOR EROSION CONTROL. SEEDING FOR EROSION CONTROL SHALL BE IN ACCORDANCE WITH TECHNICAL STANDARDS.
- ALL DISTURBED SLOPES EXCEEDING 4:1, SHALL BE STABILIZED WITH NORTH AMERICAN GREEN 575BN EROSION MATTING (OR APPROVED EQUAL) AND ALL CHANNELS SHALL BE STABILIZED WITH NORTH AMERICAN GREEN C125BN (OR APPROVED EQUAL) OR APPLICATION OF AN APPROVED POLYMER SOIL STABILIZATION TREATMENT OR A COMBINATION THEREOF, AS REQUIRED. EROSION MATTING AND/OR NETTING USED ONSITE SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S GUIDELINES.
- DURING PERIODS OF EXTENDED DRY WEATHER, THE CONTRACTOR SHALL KEEP A WATER TRUCK ON SITE FOR THE PURPOSE OF WATERING DOWN SOILS WHICH MAY OTHERWISE BECOME AIRBORNE. THE CONTRACTOR IS RESPONSIBLE FOR CONTROLLING WIND EROSION (DUST) DURING CONSTRUCTION AT HISHER EXPENSE.
- DISTURBED AREAS AND AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION SHALL BE VISUALLY INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE DRAINAGE SYSTEM ON A DAILY BASIS.
- QUALIFIED PERSONNEL (PROVIDED BY THE GENERAL/PRIME CONTRACTOR) SHALL INSPECT DISTURBED AREAS OF THE CONSTRUCTION SITE THAT HAVE NOT BEEN FINALLY STABILIZED AND EROSION AND SEDIMENT CONTROLS WITHIN 24 HOURS OF ALL 0.5-INCH, OR MORE, PRECIPITATION EVENTS WITH A MINIMUM INSPECTION INTERVAL OF ONCE EVERY SEVEN (7) CALENDAR DAYS IN THE ABSENCE OF A QUALIFYING RAIN OR SNOWFALL EVENT. REPORTING SHALL BE IN ACCORDANCE WITH OF THE GENERAL PERMIT. CONTRACTOR SHALL IMMEDIATELY ARRANGE TO HAVE ANY DEFICIENT ITEMS REVEALED DURING INSPECTIONS REPAIRED/REPLACED.

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NOTES & SPECIFICATIONS

REVISIONS

PEG JOB NO. 1432.00-WI
PEG PH. ASZ
START DATE 09-24-21
SCALE -###-###-##

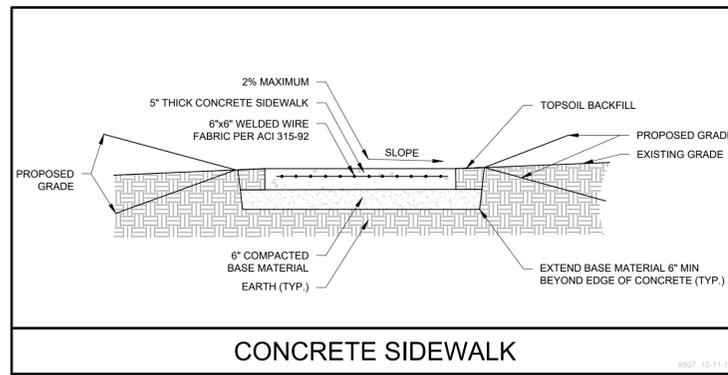
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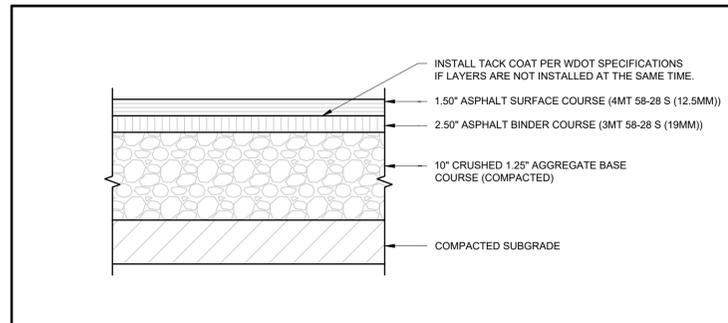
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REVIEWED: ASZ

DRAWN: EJM



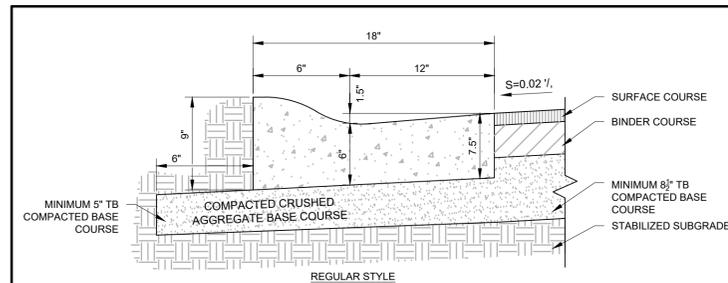
CONCRETE SIDEWALK

#007 10-10-12



REGULAR DUTY PAVEMENT SECTION

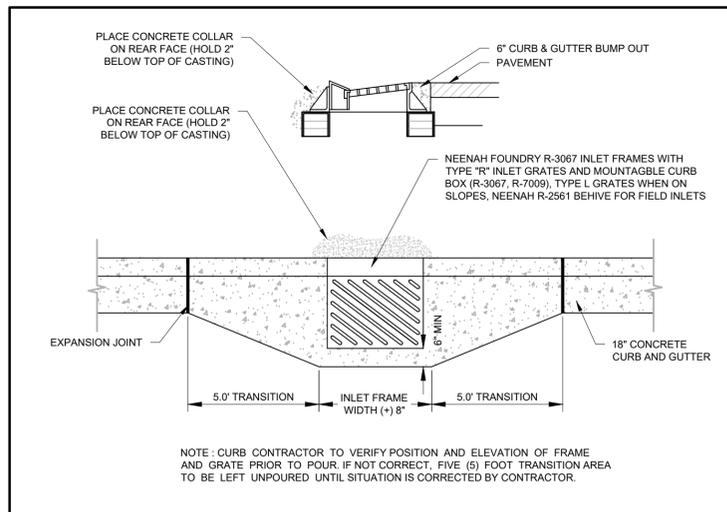
#003 10-10-12



18" MOUNTABLE CURB & GUTTER

#012 02/01/15

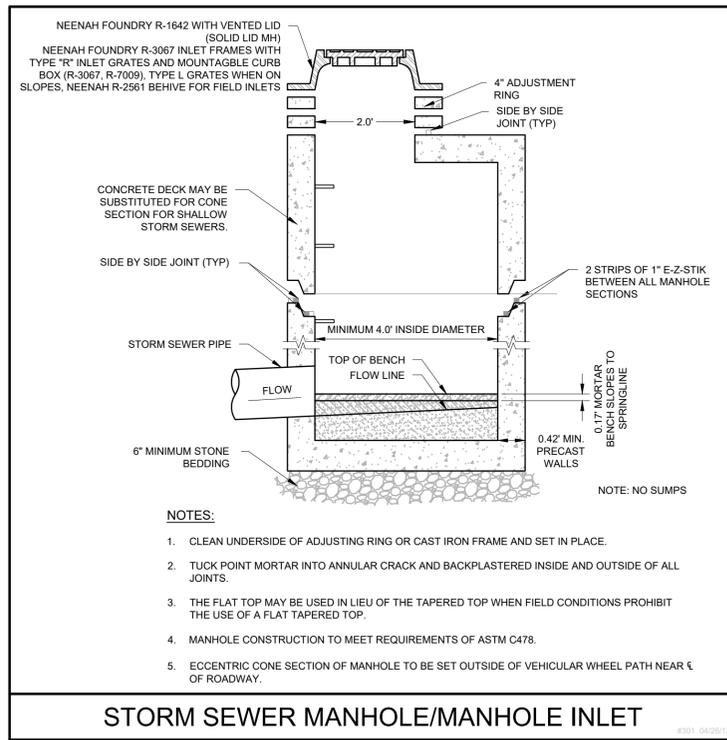
- NOTES:
1. CONTRACTOR JOINT 10.0' O.C., JOINT SHALL BE 0.25" WIDE.
 2. A 0.75" TO 1" EXPANSION JOINT (FELT) SHALL BE CONSTRUCTED NOT MORE THAN 300 FEET APART, AT P.C. POINTS AND 5.0' EITHER SIDE OF INLET STRUCTURES.
 3. WHERE NEW CONCRETE MEETS WITH EXISTING CONCRETE 0.75" EXPANSION JOINT (FELT) SHALL SEPARATE THE TWO.



CURB AND GUTTER BUMP OUT

#022 10-10-12

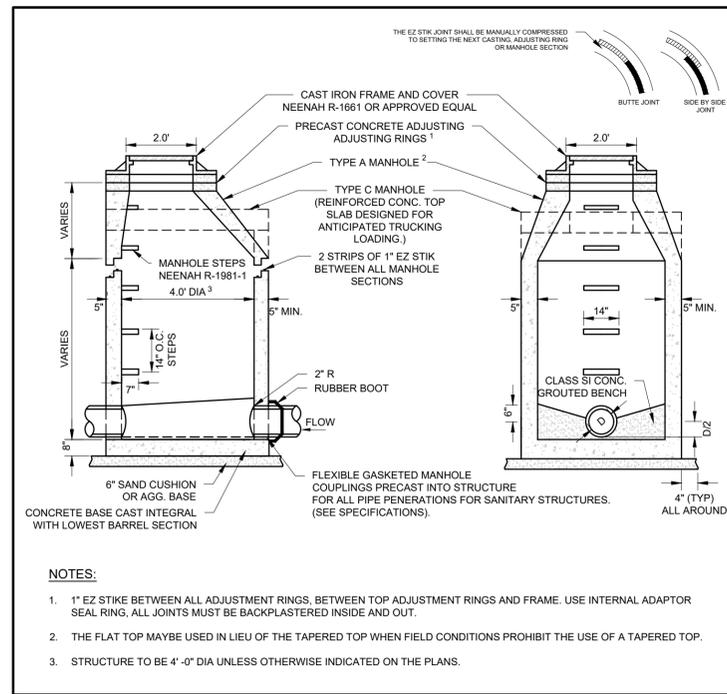
NOTE: CURB CONTRACTOR TO VERIFY POSITION AND ELEVATION OF FRAME AND GRATE PRIOR TO POUR. IF NOT CORRECT, FIVE (5) FOOT TRANSITION AREA TO BE LEFT UNPOURED UNTIL SITUATION IS CORRECTED BY CONTRACTOR.



STORM SEWER MANHOLE/MANHOLE INLET

#021 05/22/15

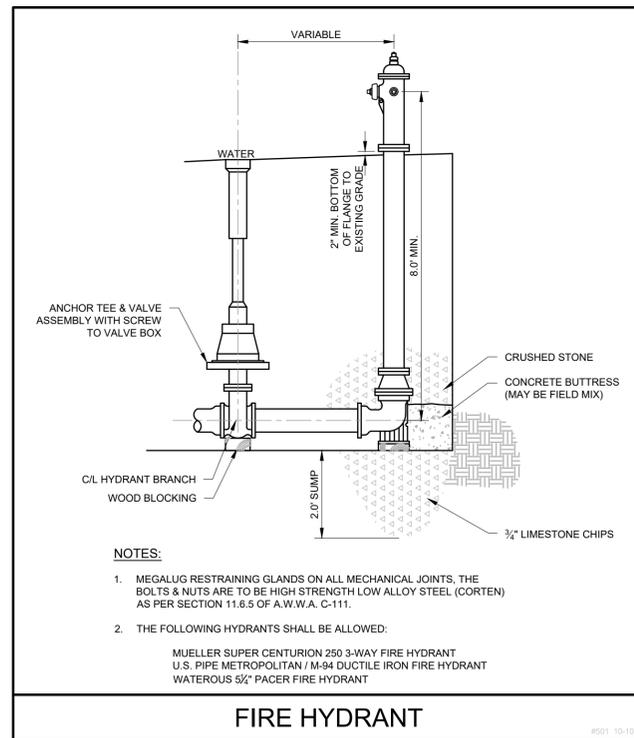
- NOTES:
1. CLEAN UNDERSIDE OF ADJUSTING RING OR CAST IRON FRAME AND SET IN PLACE.
 2. TUCK POINT MORTAR INTO ANNULAR CRACK AND BACKPLASTERED INSIDE AND OUTSIDE OF ALL JOINTS.
 3. THE FLAT TOP MAY BE USED IN LIEU OF THE TAPERED TOP WHEN FIELD CONDITIONS PROHIBIT THE USE OF A FLAT TAPERED TOP.
 4. MANHOLE CONSTRUCTION TO MEET REQUIREMENTS OF ASTM C478.
 5. ECCENTRIC CONE SECTION OF MANHOLE TO BE SET OUTSIDE OF VEHICULAR WHEEL PATH NEAR E OF ROADWAY.



SANITARY MANHOLE

#000 10-10-12

- NOTES:
1. 1" E-Z-STIK BETWEEN ALL ADJUSTMENT RINGS, BETWEEN TOP ADJUSTMENT RINGS AND FRAME. USE INTERNAL ADAPTOR SEAL RING, ALL JOINTS MUST BE BACKPLASTERED INSIDE AND OUT.
 2. THE FLAT TOP MAYBE USED IN LIEU OF THE TAPERED TOP WHEN FIELD CONDITIONS PROHIBIT THE USE OF A TAPERED TOP.
 3. STRUCTURE TO BE 4'-0" DIA UNLESS OTHERWISE INDICATED ON THE PLANS.



FIRE HYDRANT

#001 10-10-12

- NOTES:
1. MEGALUG RESTRAINING GLANDS ON ALL MECHANICAL JOINTS, THE BOLTS & NUTS ARE TO BE HIGH STRENGTH LOW ALLOY STEEL (CORTEN) AS PER SECTION 11.6.5 OF A.W.W.A. C-111.
 2. THE FOLLOWING HYDRANTS SHALL BE ALLOWED:
MUELLER SUPER CENTURION 250 3-WAY FIRE HYDRANT
U.S. PIPE METROPOLITAN / M-94 DUCTILE IRON FIRE HYDRANT
WATEROUS 52" PACER FIRE HYDRANT

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CONSTRUCTION DETAILS

REVISIONS

NO.	DESCRIPTION	DATE

PEG JOB NO: 1432.00-WI
PEG PR: ASZ
START DATE: 09-24-21
SCALE: #####

SHEET C-10

C-11

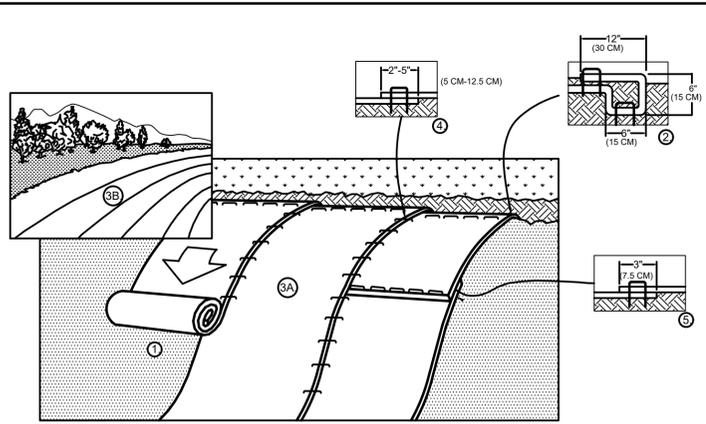
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REVIEWED: ASZ

DESIGNED: ASZ

DRAWN: EJM

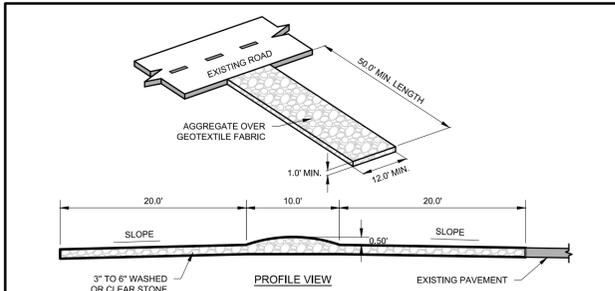


- PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED. NOTE: WHEN USING CELL-O-SEED DO NOT SEED PREPARED AREA. CELL-O-SEED MUST BE INSTALLED WITH PAPER SIDE DOWN.
- BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN A 6" (15 CM) DEEP X 6" (15 CM) WIDE TRENCH WITH APPROXIMATELY 12" (30 CM) OF BLANKET EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE BLANKET WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" (30 CM) APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" (30 CM) PORTION OF BLANKET BACK OVER SEED AND COMPACTED SOIL. SECURE BLANKET OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" (30 CM) APART ACROSS THE WIDTH OF THE BLANKET.
- ROLL THE BLANKETS (A) DOWN OR (B) HORIZONTALLY ACROSS THE SLOPE. BLANKETS WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL BLANKETS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE. WHEN USING THE DOT SYSTEM, STAPLES/STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN.
- THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2" - 5" (5 CM - 12.5 CM) OVERLAP DEPENDING ON BLANKET TYPE.
- CONSECUTIVE BLANKETS SPICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" (7.5 CM) OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" (30 CM) APART ACROSS ENTIRE BLANKET WIDTH.

NOTE: *IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" (15 CM) MAY BE NECESSARY TO PROPERLY SECURE THE BLANKETS.

EROSION MATTING - SLOPE INSTALLATION

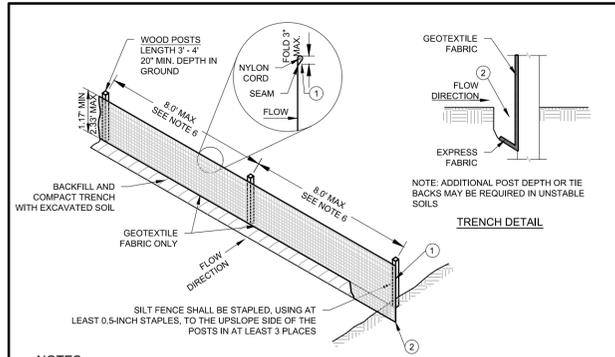
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- NOTES:**
- ALL TRACKING PAD MATERIALS AND INSTALLATION SHALL BE IN CONFORMANCE WITH WI DNR TECHNICAL STANDARD 1057.
 - TRACKING PADS SHALL BE INSTALLED PRIOR TO ANY TRAFFIC LEAVING THE SITE. CONTRACTOR SHALL VERIFY LOCATION WITH OWNER.
 - THE AGGREGATE FOR TRACKING PADS SHALL BE 3 TO 6 INCH CLEAR OR WASHED STONE. ALL MATERIALS TO BE RETAINED ON A 3-INCH SIEVE.
 - THE AGGREGATE SHALL BE PLACED IN A LAYER AT LEAST 12-INCHES THICK. ON SITES WHERE SATURATED CONDITIONS ARE EXPECTED DURING THE LIFE OF THE PAD, THE PAD SHALL BE UNDERLAIN WITH GEOTEXTILE FABRIC WHICH MEETS MATERIAL SPECIFICATION 592 GEOTEXTILE, TABLE 1 OR 2, CLASS I, II OR IV, TO PREVENT MIGRATION OF UNDERLYING SOILS INTO THE STONE LAYER.
 - THE TRACKING PAD SHALL BE THE FULL WIDTH OF THE EGRESS POINT. MINIMUM WIDTH IS 12 FEET FOR ONE-WAY TRAFFIC AND 20 FEET FOR TWO-WAY TRAFFIC, WITH AN ADDITIONAL INCREASE OF 4 FEET FOR TRAILER TRAFFIC. THE TRACKING PAD SHALL BE A MINIMUM 50-FOOT LONG.
 - ANY SEDIMENT TRACKED ONTO A PUBLIC OR PRIVATE ROAD SHOULD BE REMOVED BY STREET CLEANING, NOT FLUSHING, AT THE END OF EACH WORKING DAY.
 - TRACKING PADS SHALL, AT A MINIMUM, BE INSPECTED WEEKLY AND WITHIN 24 HOURS AFTER EVERY PRECIPITATION EVENT THAT PRODUCES 0.5-INCHES OF RAIN OR MORE DURING A 24-HOUR PERIOD.
 - THE TRACKING PAD PERFORMANCE SHALL BE MAINTAINED BY SCRAPPING OR TOP-DRESSING WITH ADDITIONAL AGGREGATE.

CONSTRUCTION ENTRANCE

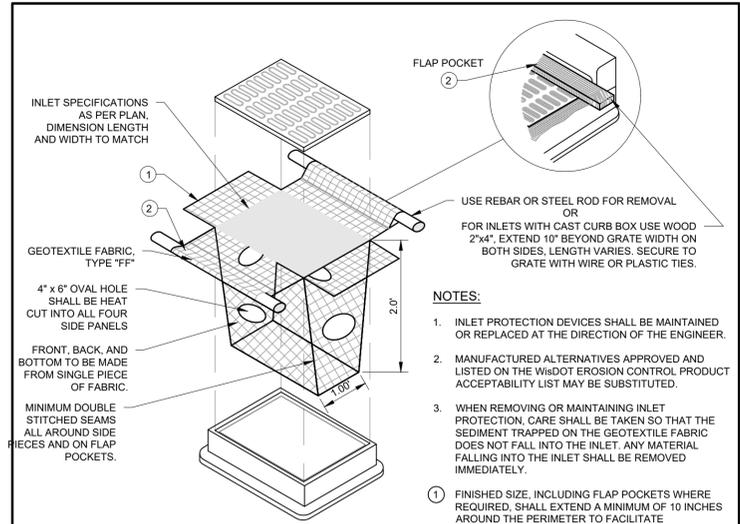
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- NOTES:**
- ALL SILT FENCE MATERIALS AND INSTALLATION SHALL BE IN CONFORMANCE WITH WI DNR TECHNICAL STANDARD 1056.
 - GEOTEXTILE FABRIC SHALL MEET THE REQUIREMENTS OF MATERIAL SPECIFICATION 592 GEOTEXTILE TABLE 1 OR 2, CLASS I WITH EQUIVALENT OPENING SIZE OF AT LEAST 30 FOR NONWOVEN AND 50 FOR WOVEN.
 - SILT FENCE SHALL BE ANCHORED BY SPREADING AT LEAST 8-INCHES OF FABRIC IN A 4-INCH WIDE AND 6-INCH DEEP TRENCH OR 6-INCH DEEP V-TRENCH ON THE UPSLOPE SIDE OF THE FENCE. TRENCHES SHALL NOT BE EXCAVATED WIDER OR DEEPER THAN NECESSARY FOR PROPER INSTALLATION.
 - FOLD MATERIAL TO FIT TRENCH AND BACKFILL AND COMPACT TRENCH WITH EXCAVATED SOIL.
 - WOOD POSTS SHALL BE A MINIMUM SIZE OF 1.125-INCHES X 1.125-INCHES OF DRIED OAK OR HICKORY.
 - SILT FENCE TO EXTEND ABOVE THE TOP OF PIPE, WHERE APPLICABLE.
 - POST SPACING SHALL BE SELECTED BASED ON GEOTEXTILE FABRIC (8- FEET FOR WOVEN AND 3- FEET FOR NON-WOVEN).

SILT FENCE

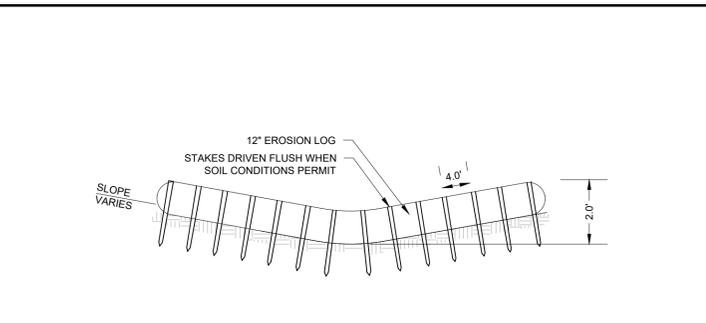
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- INSTALLATION NOTES:**
- DO NOT INSTALL INLET PROTECTION TYPE 'D' IN INLETS SHALLOWER THAN 30 INCHES, MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE.
 - TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3 INCHES OF THE GRATE.
 - THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3 INCHES. WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3 INCHES CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4 INCHES FROM THE BOTTOM OF THE BAG.

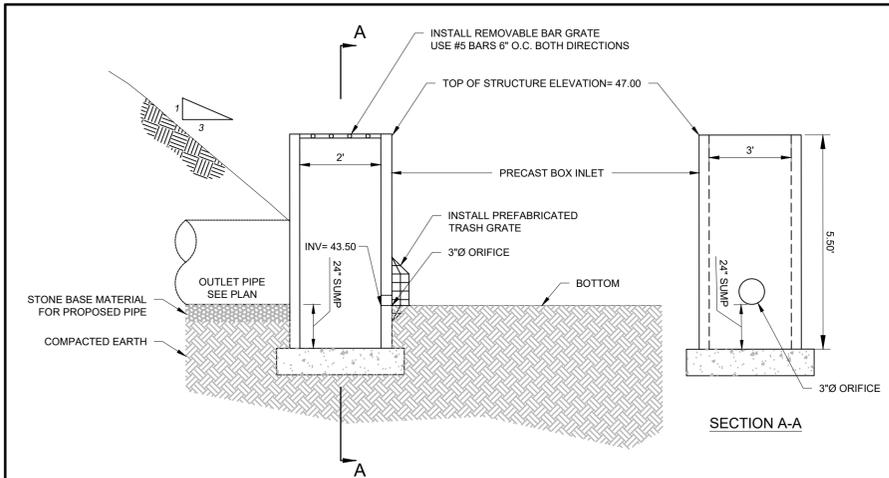
INLET PROTECTION - TYPE D

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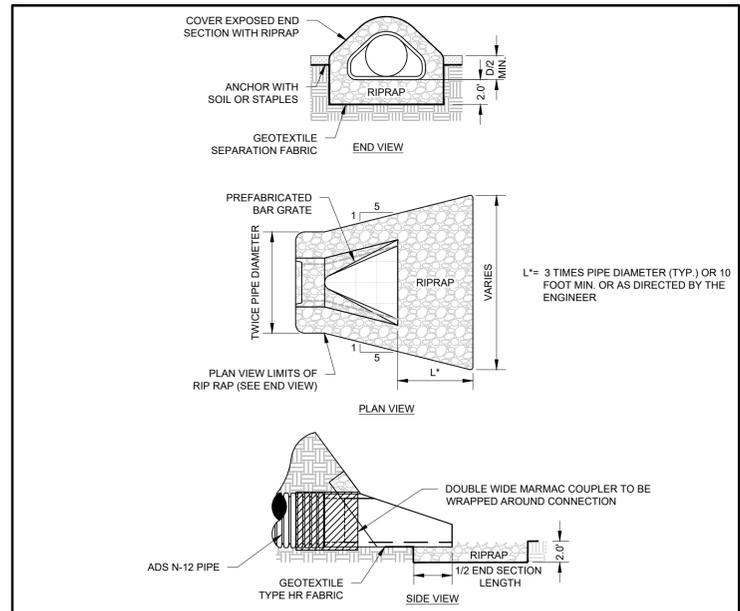
STRAW WATTLE DITCH CHECK

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BASIN STANDPIPE

SECTION A-A



- NOTES:**
- RIP RAP AND GEOTEXTILE FABRIC SHALL MEET REQUIREMENTS FOR STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION.

RIP RAP AT END SECTIONS

8108-10001

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PRAIRIEVILLE VILLAGE

CITY OF WAUKESHA, WAUKESHA COUNTY, WI

CONSTRUCTION DETAILS

REVISIONS	

PEG JOB NO: 1432-00-WI
PEG PH: ASZ
START DATE: 09-24-21
SCALE: #####

SHEET C-11

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