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ACKER PARKWAY

STREET & UTILITY RECONSTRUCTION

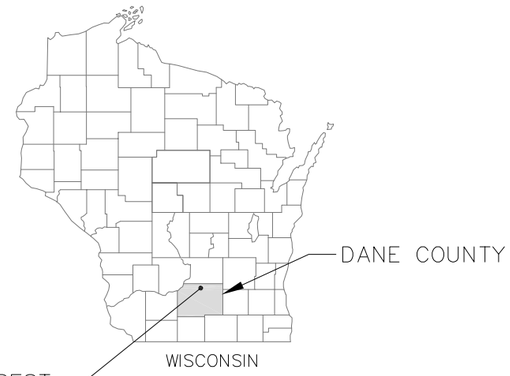
VILLAGE OF DEFOREST, WI

△2 ISSUED: 04/14/2026



PROJECT LOCATION





SHEET NO.	DESCRIPTION
1	TITLE SHEET
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8	SANITARY SEWER LINING – PLAN & PROFILE
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DIGGERS HOTLINE
Dial 811 or (800) 242-8511
www.DiggersHotline.com

THE LOCATION OF EXISTING UTILITIES, BOTH UNDERGROUND AND OVERHEAD ARE APPROXIMATE ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF ALL EXISTING UTILITIES WHETHER SHOWN ON THESE PLANS OR NOT, BEFORE COMMENCING WORK, AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UTILITIES.

CALL DIGGER'S HOTLINE
1-800-242-8511

SITE BENCHMARKS

△1
PKN MAG
WEST OF ACKER PKWY & SEMINOLE WAY INTERSECTION
NORTHING: 545847.4020
EASTING: 830505.6750
ELEV = 938.073

△2
PKN MAG
TRAIL SOUTHEAST OF OLD INDIAN TRAIL
NORTHING: 545961.0900
EASTING: 830975.4390
ELEV = 928.706

△3
PKN MAG
EAST OF ACKER PKWY & MAIN ST INTERSECTION
NORTHING: 546687.0210
EASTING: 831902.5620
ELEV = 930.285

WISCONSIN
TYLER A. BRAATZ
E-47558
REEDSBURG
WI
PROFESSIONAL ENGINEER

4/14/26

vierbicher planners | engineers | advisors

TITLE SHEET
ACKER PARKWAY RECONSTRUCTION
VILLAGE OF DEFOREST
DANE COUNTY, WISCONSIN

REVISIONS

NO.	DATE	REMARKS

REVISIONS

NO.	DATE	REMARKS
△1	3/18/26	REVISION 1
△2	4/14/26	REVISION 2

DATE: FEBRUARY 2026
DRAFTER: JDEL
CHECKED: TBRA
PROJECT NO.: 250801
SHEET: 1 OF 18

14 Apr 2026 - 8:25a R:\DeForest, Village of\250801 - Acker Parkway Reconstruction\CADD\250801 - Acker Title - Notes - Details.dwg by: node

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TOPOGRAPHIC SYMBOL LEGEND

- EXISTING BOLLARD
- EXISTING FLAG POLE
- EXISTING MAILBOX
- EXISTING MONITORING WELL
- EXISTING POST
- EXISTING SIGN (TYPE NOTED)
- EXISTING PARKING METER
- EXISTING CURB INLET
- EXISTING ENDWALL
- EXISTING FIELD INLET RECTANGULAR
- EXISTING FIELD INLET
- EXISTING ROOF DRAIN CLEANOUT
- EXISTING ROOF DRAIN
- EXISTING STORM MANHOLE
- EXISTING STORM MANHOLE RECTANGULAR
- EXISTING STORM TRACER WIRE BOX
- EXISTING SANITARY CLEANOUT
- EXISTING SANITARY MANHOLE
- EXISTING SEPTIC VENT
- EXISTING SANITARY TRACER WIRE BOX
- EXISTING FIRE HYDRANT
- EXISTING FIRE DEPARTMENT CONNECTION
- EXISTING WATER MAIN VALVE
- EXISTING CURB STOP
- EXISTING WELL
- EXISTING WATER MANHOLE
- EXISTING WATER TRACER WIRE BOX
- EXISTING GAS VALVE
- EXISTING GAS METER
- EXISTING AIR CONDITIONING PEDESTAL
- EXISTING DOWN GUY
- EXISTING ELECTRIC MANHOLE
- EXISTING ELECTRIC RECTANGULAR MANHOLE
- EXISTING ELECTRIC PEDESTAL
- EXISTING TRANSFORMER
- EXISTING ELECTRIC METER
- EXISTING GUY POLE
- EXISTING LIGHT POLE
- EXISTING GENERIC LIGHT
- EXISTING UTILITY POLE
- EXISTING TV MANHOLE
- EXISTING TV RECTANGULAR MANHOLE
- EXISTING TV PEDESTAL
- EXISTING TELEPHONE MANHOLE
- EXISTING TELEPHONE PEDESTAL
- EXISTING UNIDENTIFIED MANHOLE
- EXISTING UNIDENTIFIED UTILITY VAULT
- EXISTING HANDICAP PARKING
- EXISTING TRAFFIC SIGNAL
- EXISTING SHRUB
- EXISTING CONIFEROUS TREE
- EXISTING DECIDUOUS TREE
- EXISTING TREE STUMP
- EXISTING BORING
- EXISTING ADA DETECTABLE WARNING FIELD

PROPOSED UTILITY LEGEND

- STORM SEWER PIPE
- STORM SEWER MANHOLE
- STORM SEWER ENDWALL
- STORM SEWER CURB INLET
- STORM SEWER CURB INLET W/MANHOLE
- STORM SEWER FIELD INLET
- ROOF DRAIN CLEANOUT
- SANITARY SEWER PIPE (GRAVITY)
- SANITARY SEWER PIPE (FORCE MAIN)
- SANITARY SEWER LATERAL PIPE
- SANITARY SEWER MANHOLE
- SANITARY SEWER CLEANOUT
- WATER MAIN
- WATER SERVICE LATERAL PIPE
- FIRE HYDRANT
- WATER VALVE
- CURB STOP
- WATER VALVE MANHOLE
- PROPOSED PIPE INSULATION
- GAS MAIN
- ELECTRIC SERVICE

DEMOLITION LEGEND

- TREE REMOVAL
- CONCRETE REMOVAL

TOPOGRAPHIC LINEWORK LEGEND

- EXISTING UNDERGROUND CABLE TV
- EXISTING OVERHEAD CABLE TV
- EXISTING FIBER OPTIC LINE
- EXISTING OVERHEAD TELEPHONE LINE
- EXISTING UNDERGROUND TELEPHONE
- EXISTING RETAINING WALL
- EXISTING CHAIN LINK FENCE
- EXISTING GENERAL FENCE
- EXISTING WIRE FENCE
- EXISTING WOOD FENCE
- EXISTING GAS LINE
- EXISTING UNDERGROUND ELECTRIC LINE
- EXISTING GUY LINE
- EXISTING OVERHEAD ELECTRIC LINE
- EXISTING OVERHEAD GENERAL UTILITIES
- EXISTING SANITARY FORCE MAIN (SIZE NOTED)
- EXISTING SANITARY SEWER LINE (SIZE NOTED)
- EXISTING STORM SEWER LINE (SIZE NOTED)
- EXISTING EDGE OF TREES
- EXISTING WATER MAIN (SIZE NOTED)
- EXISTING WETLAND DELINEATION
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- EXISTING EDGE OF PAVEMENT
- EXISTING EDGE OF GRAVEL
- EXISTING WETLANDS
- EXISTING GRAVEL SURFACE
- EXISTING CONCRETE SURFACE
- EXISTING ASPHALT SURFACE

GRADING LEGEND

- EXISTING MAJOR CONTOURS
- EXISTING MINOR CONTOURS
- PROPOSED MAJOR CONTOURS
- PROPOSED MINOR CONTOURS
- DITCH CENTERLINE
- SILT FENCE
- DISTURBED LIMITS
- BERM
- DRAINAGE DIRECTION
- PROPOSED SLOPE ARROWS
- EXISTING SPOT ELEVATIONS
- PROPOSED SPOT ELEVATIONS
- STONE WEEPER
- VELOCITY CHECK
- INLET PROTECTION
- EROSION MAT CLASS_____
- EROSION MAT CLASS_____
- TRACKING PAD
- RIP RAP

SURVEY LEGEND

- BENCHMARK
- FOUND CHISELED "X"
- PUBLIC LAND CORNER AS NOTED
- FOUND NAIL
- FOUND 1" ø IRON PIPE
- FOUND 2" ø IRON PIPE
- FOUND P.K. NAIL
- FOUND 1-1/4" ø IRON ROD
- FOUND 3/4" ø IRON ROD
- FOUND RAILROAD SPIKE
- SET CHISELED "X"
- SET NAIL
- SET P.K. NAIL
- SET 1-1/4" SOLID IRON
- SET 3/4" SOLID IRON
- SET RAILROAD SPIKE
- GENERAL CONTROL POINT

NOTES:
INSTALL A 50'L x 20'W x 1.5'D ANTI TRACKING PAD AT ENTRANCES TO THE PROJECT. ANTI TRACKING PAD SHALL BE REPLACED AS NECESSARY TO ACCOMMODATE UTILITY CONSTRUCTION.

CONTRACTOR SHALL HAVE A MECHANICAL BROOM ON SITE ON A DAILY BASIS AND SHALL SWEEP THE STREET PAVEMENT OF ADJACENT STREETS DAILY OR MORE AS NEEDED.

INSTALL FRAMED INLET PROTECTION IN EXISTING CURB INLETS AND WI DOT TYPE A IN FIELD INLETS.

ELEVATIONS ON PLAN ARE APPROXIMATE. UTILITY STRUCTURES SHALL BE SET TO FINAL ELEVATIONS AFTER THE CURB AND GUTTER AND BASE COURSE HAVE BEEN INSTALLED.

CONTRACTOR TO ONLY REMOVE ASPHALT AS NECESSARY TO FACILITATE EACH UNDERGROUND UTILITY CONSTRUCTION. REMAINING ASPHALT IS TO BE LEFT IN PLACE UNTIL STREET EXCAVATION IS TO BEGIN. IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE THAT THE ENTIRE ROADWAY REMAINS IN SUITABLE CONDITION TO ALLOW VEHICLE TRAFFIC. MAINTAINING A SUITABLE ROADWAY SHALL BE INCIDENTAL TO CONSTRUCTION.

RESIDENTS MUST BE PROVIDED ACCESS TO DRIVEWAYS AT THE BEGINNING AND END OF EACH WORK DAY. IT IS THE CONTRACTORS RESPONSIBILITY TO COORDINATE THIS EFFORT AS REQUIRED ADDITIONAL PROVISIONS MAY BE REQUIRED FOR EMERGENCY SERVICES

THE CONTRACTOR IS REQUIRED TO MAKE EROSION CONTROL INSPECTIONS AT THE END OF EACH WEEK AND WHEN 0.5 INCHES OF RAIN FALLS WITHIN 24 HOURS. INSPECTION REPORTS SHALL BE PREPARED AND FILED AS REQUIRED BY THE DNR. ALL MAINTENANCE WILL FOLLOW AN INSPECTION WITHIN 24 HOURS. REPORTS SHALL BE SUBMITTED TO ENGINEER WEEKLY.

THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR REVIEW BY THE ENGINEER, PRIOR TO PLACING ORDER OF ANY SUCH ITEM

R.O.W. AND PROPERTY LINES ARE APPROXIMATE. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING PROPERTY CORNER MONUMENTATION. ANY MONUMENTS DISTURBED BY CONTRACTOR SHALL BE REPLACED AT THE CONTRACTORS EXPENSE.

CONTRACTOR SHALL VERIFY LOCATION OF EXISTING SANITARY SEWER AND WATER MAIN PRIOR TO CONSTRUCTION TO ENSURE PROPER CLEARANCE OF THE NEW UTILITIES. CONTRACTOR MUST TAKE ALL NECESSARY PRECAUTIONS TO PROTECT THE EXISTING UTILITIES DURING CONSTRUCTION. ANY DAMAGE TO THE EXISTING UTILITIES AND ANY REPAIRS NEEDED AS A RESULT OF THE DAMAGE SHALL BE AT THE EXPENSE OF THE CONTRACTOR REGARDLESS OF THE LOCATION MARKED IN THE FIELD OR SHOWN ON THE PLANS.

EXISTING TOPOGRAPHIC INFORMATION IS BASED ON FIELD OBSERVATIONS AND/OR PLAN OF RECORD. CONTRACTOR SHALL VERIFY TOPOGRAPHIC INFORMATION PRIOR TO STARTING CONSTRUCTION.

ALL FINAL GRADES FOR HYDRANTS ARE FINISHED GRADES AT BASE (FLANGE EL) OF HYDRANT

CONTRACTOR SHALL DISPOSE OF TREES AND STUMPS OFF SITE. NO TREES ARE TO BE REMOVED WITHOUT THE APPROVAL OF THE VILLAGE OR ENGINEER.

SEWER AND WATER LATERAL LOCATIONS ARE SHOWN APPROXIMATE. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL LIVE LATERALS. ALL SANITARY LIVE LATERALS SHALL BE REPLACED TO THE PROPERTY LINE AND RECONNECTED TO THE EXISTING SANITARY LATERAL. NEW CURB STOPS SHALL BE PLACED 3' OFF THE BACK OF CURB. WATER SERVICES WILL ONLY BE REPLACED TO THE EXISTING CURB STOP OR 3' OFF THE BACK OF CURB. SEWER LATERALS SHALL BE REPLACED WITH 4" MINIMUM OR LARGER TO MATCH EXISTING. NEW WATER LATERALS SHALL BE 1.5" HDPE MINIMUM OR LARGER TO MATCH EXISTING UNLESS NOTED OTHERWISE.

CONTRACTOR IS RESPONSIBLE FOR COORDINATING AND FACILITATING GARBAGE PICK-UP WITH WASTE MANAGEMENT AND RESIDENTS.

CONTRACTOR IS RESPONSIBLE FOR SETTING UP TEMPORARY MAIL BOXES TO ALLOW FOR MAIL DELIVERY AND PICK-UP. MULTIPLE LOCATIONS WILL BE REQUIRED.

CONTRACTOR SHALL COORDINATE WITH DRY UTILITY COMPANY'S REGARDING ANY POTENTIAL CONFLICTS AND COORDINATE RELOCATIONS AS MAY BE REQUIRED. COST OF COORDINATION SHALL BE INCIDENTAL TO CONSTRUCTION, INCLUDING ANY SCHEDULING CONFLICTS

CONTRACTOR SHALL COORDINATE AND COOPERATE WITH THE VILLAGE OF DEFOREST, WDNR, WIDOT AND LOCAL AUTHORITIES. COST OF COOPERATION AND COORDINATION SHALL BE INCIDENTAL TO THE CONTRACT AND SHALL NOT BE A CAUSE FOR ANY EXTRA COMPENSATION FOR TIME EXTENSION AND NO EXTRA COST TO THE OWNER.

CONTRACTOR IS RESPONSIBLE FOR DISPOSAL OF REMOVED PIPE, ASPHALT, CONCRETE AND EXCESS MATERIAL OFF SITE.

THE CONTRACTOR SHALL COORDINATE WITH THE LOCAL PROPERTY OWNERS AND BUSINESS, SO AS TO MAINTAIN ACCESS TO THEIR PROPERTIES DURING CONSTRUCTION ACTIVITIES.

ALL WATER MAIN FITTING (BENDS, TEES, REDUCERS, CROSSES, ETC.) WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE CONSIDERED INCIDENTAL TO THE WATER MAIN.

CONTRACTOR SHALL COORDINATE W/ PROPERTY OWNERS/RESIDENTS REGARDING ACCESS TO DRIVEWAYS AND UTILITY SHUT-OFFS.

DRIVEWAY REPLACEMENT LIMITS ARE APPROXIMATE. WHEN REQUIRED, CONTRACTOR SHALL PROVIDE DRIVEWAY RAMPING DURING CONCRETE CURING PROCESS. (INCIDENTAL TO CONSTRUCTION)

AGENCIES

EMERGENCY – FIRE, RESCUE, AMBULANCE, POLICE
DIAL 911

DEFOREST FIRE DEPARTMENT
STEVE LAFEBER
DEFOREST, WI 53532
(608) 846-4364 NON-EMERGENCY

UNITED STATES POST OFFICE
619 SOUTH MAIN STREET
DEFOREST, WI 53532 (608) 846-5910

DEFOREST POLICE DEPARTMENT
306 DEFOREST ST
DEFOREST, WI 53532
(608) 846-6755 NON-EMERGENCY

UTILITIES

VILLAGE OF DEFOREST -UTILITIES (SEWER & WATER)
205 DEFOREST STREET
DEFOREST, WI 53532
ATTN: GREG HALL,
DEPUTY DIRECTOR OF PUBLIC SERVICES
(608) 807-7023

VILLAGE OF DEFOREST -VILLAGE HALL
120 S. STEVENSON STREET
(608) 846-6751

BRIGHTSPEED (TELEPHONE)
19 W FOND DU LAC ST
RIPON, WI 54971
ATTN: TOM DINEEN
(920) 748-2752
(920) 246-7752

BRIGHTSPEED (TERRA TECH CONSULTANT)
19 W FOND DU LAC ST
RIPON, WI 54971
ATTN: ANDREW HUFF
(419) 305-2704

ALLIANT ENERGY (ELECTRIC)
6462 BLANCHAR'S CROSSING
WINDSOR, WI 53598
ATTN:KAI GRAFF
(608) 459-5797 CELL

CHARTER COMMUNICATIONS (CABLE TV)
2701 DANIELS STREET
MADISON, WI 53718
ATTN: BRAD WAGNER
CELL: (608) 640-9407

MADISON GAS & ELECTRIC (GAS)
623 RAILROAD STREET
MADISON, WI 53701
ATTN: RODGER AHLES
(608) 252-5682

TDS
525 JUNCTION RD
MADISON, WI 53717
ATTN: JOE McNEELY
(608) 370-4198

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LEGEND & GENERAL NOTES

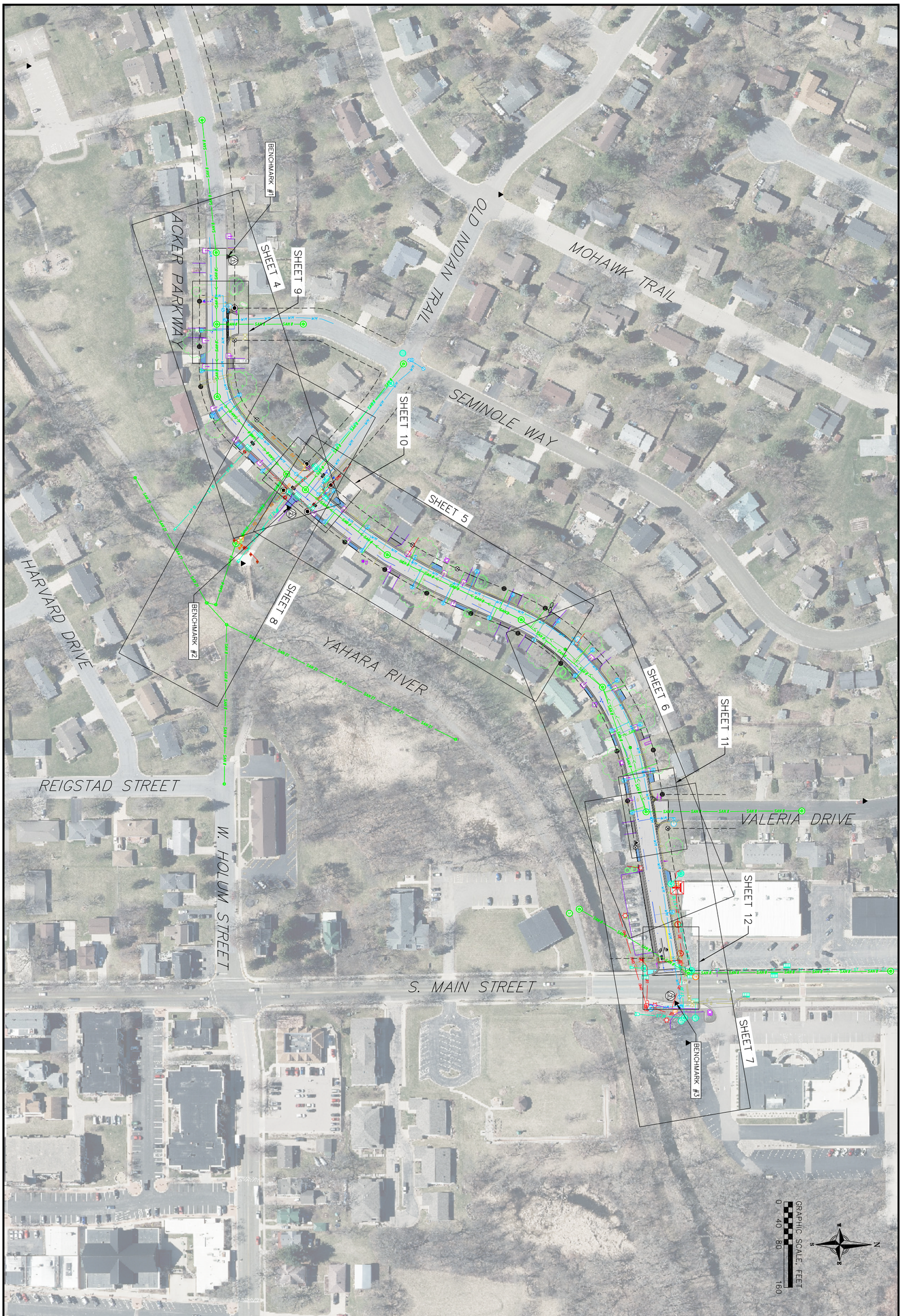
ACKER PARKWAY RECONSTRUCTION
VILLAGE OF DEFOREST
DANE COUNTY, WISCONSIN

REVISIONS		
NO.	DATE	REMARKS

REVISIONS		
NO.	DATE	REMARKS

DATE
FEBRUARY 2026
DRAFTER
JDEL
CHECKED
TBRA
PROJECT NO.
250801
SHEET
2 OF 18

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SHEET	3 OF 18
PROJECT NO.	250801
CHECKED	TBRA
DRAFTER	JDEL
DATE	FEBRUARY 2026

REVISIONS			REVISIONS		
NO.	DATE	REMARKS	NO.	DATE	REMARKS

SHEET INDEX

ACKER PARKWAY RECONSTRUCTION
VILLAGE OF DEFOREST
DANE COUNTY, WISCONSIN

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GRAPHIC SCALE, FEET
0 10 20 40

OWNER: RICHARD G MIDDLETON & JENNIFER L MIDDLETON
ADDRESS: 400 ACKER PKWY

OWNER: DILLON SCHOOL & SIERRA SCHOOL
ADDRESS: 310 ACKER PKWY

OWNER: JENSEN IRREV TR, KAREN
ADDRESS: 101 OLD INDIAN TRL

ADDRESS: 306 ACKER PKWY

ADDRESS: 405 ACKER PKWY

OWNER: TRAVIS J TRIGGS & BRIDGETTE S TRIGGS
ADDRESS: 401 ACKER PKWY

OWNER: HUNTER S RAUWOLF
ADDRESS: 317 ACKER PKWY

OWNER: DONALD R BRADELY & BRENDA L BRADELY
ADDRESS: 313 ACKER PKWY

ADDRESS: 309 ACKER PKWY

ADDRESS: 305 ACKER PKWY

OWNER: GABRIEL CLIST & ABIGAIL CLIST
ADDRESS: 301 ACKER PKWY

SEMINOLE WAY

ACKER PKWY

66' ROW

PUBLIC RIGHT OF WAY

STREET RECONSTRUCTION LEGEND
- PROPOSED ASPHALT ROAD (3.75")
- PROPOSED ASPHALT DRIVEWAY (2.5")
- PROPOSED CONCRETE DRIVEWAY (6")
7 BAG MIX

BENCHMARK #1

SAWCUT, TYP.

CONNECT TO EXISTING 8" SANITARY SEWER AS REQUIRED.
STA: 10+42.0
OFF: 1.9'R
IE = 928.23
CONTRACTOR TO VERIFY LOCATION AND ELEVATION PRIOR TO INSTALLATION.

8'–8" PVC SAN @ 4.02%

EX 48" SMH
RIM=938.51
IE=928.01 E
IE=928.01 W

CONNECT TO EXISTING 10" WATER MAIN AS REQUIRED
STA: 11+30.2
OFF: 8.7'R
CONTRACTOR TO VERIFY LOCATION AND ELEVATION PRIOR TO INSTALLATION.

SIGN SS1, SEE DETAILS

PROPOSED HYDRANT
STA: 11+40.9
OFF: 24.0'R
GROUND ELEV: 934.41
7.5' BURY, TYP.
10" X 6" TEE
1 – 10" VALVE
1 – 6" VALVE
15 LF 6" HYDRANT LEAD

SIGN SS2, SEE DETAILS

CONCRETE WATERWAY, SEE DETAIL

REMOVE EXISTING HYDRANT, TYP.

CONNECT TO EXISTING 6" WATER MAIN AS REQUIRED.
1 – 6" VALVE
STA: 11+75.7
OFF: 37.5'L
CONTRACTOR TO VERIFY LOCATION AND ELEVATION PRIOR TO INSTALLATION.

6" TEE
STA: 11+75.7
OFF: 32.5'L
CAP TO SOUTH

CONNECT TO EXISTING 8" SANITARY SEWER AS REQUIRED.
STA: 11+84.1
OFF: 37.7'L
IE = 926.67
CONTRACTOR TO VERIFY LOCATION AND ELEVATION PRIOR TO INSTALLATION.

6" TEE
STA: 11+93.1
OFF: 32.8'L
CAP TO NORTH

38'–8" PVC SAN @ 7.49%

EX 48" SMH
RIM=933.56
IE=923.92 N
IE=923.86 E
IE=923.86 W

10"X6" TEE
STA: 11+93.1
OFF: 8.3'R
1 – 10" VALVE
1 – 6" VALVE

EX 48" SMH
RIM=929.54
IE=920.59 NE
IE=920.63 W

RELOCATE MAILBOX AS REQUIRED, TYP.

1" HDPE WATER SERVICE WITH CURB STOP & CORPORATION, TYP.

4" SANITARY LATERAL, TYP.

45 DEGREE BEND
STA: 13+18.6
OFF: 15.5'R

PROPOSED STANDARD 30" CURB & GUTTER

S1 SMH
S2 SMH
S3 SMH

P1
P2
P3
P4
P64
P67

S3.1: 2' x 3' CI
14+31.5, 20.5' L
R–3067 FRAME
TYPE R GRATE
TC=928.90
3.0' SUMP
921.86 SUMP ELEV.
IE=924.86 SW

S3.0: 2' x 3' CI
14+26.2, 20.5' L
R–3067 FRAME
TYPE R GRATE
TC=928.88
3.0' SUMP
921.81 SUMP ELEV.
IE=924.81 SE
IE=924.81 NE

5'–12" HDPE STORM @ 0.99%

41'–15" HDPE STORM @ 0.50%

INSULATION, TYP.

FRAMED INLET PROTECTION, TYP.

6'–12" HDPE STORM @ 1.00%

S6.0: 72" CONC STMH
15+41.8, 43.8' L
R–1550 FRAME
TYPE B LID
RIM=930.89
IE=925.00 SE
IE=925.75 NE
IE=925.75 SW
IE=925.74 NW

S6.2: 2' x 3' CI
15+35.2, 43.7' L
R–3067 FRAME
TYPE L GRATE
TC=931.12
3.0' SUMP
922.85 SUMP ELEV.
IE=925.85 NE

31'–15" HDPE STORM @ 1.50%

CONNECT TO EXISTING 24" PIPE
IE = 925.99
CONTRACTOR TO VERIFY LOCATION & ELEVATION PRIOR TO INSTALLATION.

EX 2' x 3' CI
TC=930.53
IE=927.35 NE

SIGN SS3, SEE DETAILS

10'–15" HDPE STORM @ 1.00%

65'–24" HDPE STORM @ 1.64%

11.25 DEG. BEND
STA: 15+32.6
OFF: 13.0'R

EX 48" SMH
RIM=929.80
IE=919.64 SE
IE=919.72 NE
IE=919.84 SW

S5 SMH
S8.0 CI
S5.0 CB
S4 SMH
S2.0 CI
S4.0 CI

15'–24" HDPE STORM @ 4.06%

S5.1: 60" CONC STMH
15+43.1, 35.8' R
R–1550 FRAME
TYPE B LID
RIM=929.10
IE=922.83 SE
IE=923.33 NW

ALTERNATE 1 – STORM WATER TREATMENT SEPARATOR DEVICE, SEE DETAIL

S1.0: 48" CONC STMH
14+26.5, 26.7' R
R–1550 FRAME
TYPE B LID
RIM=929.05
IE=923.53 SE
IE=925.07 NW

6'–15" RCP STORM @ 2.08%

LINE CLAY SANITARY SEWER FROM PROPOSED MANHOLE EAST TO EXISTING MANHOLE ACROSS YAHARA RIVER. SEE SHEET 8.

EX 15" RCP STORM

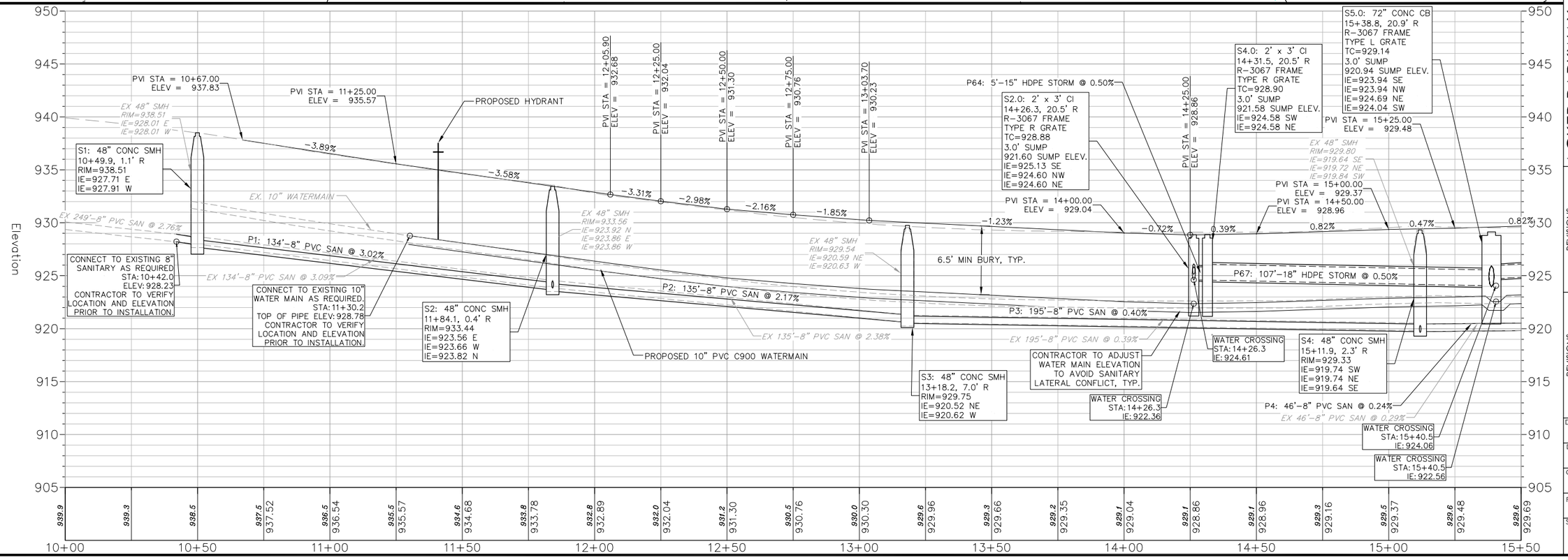
MATCH LINE

WATER SERVICES TO HAVE MINIMUM 6.5' OF COVER TO CURB STOP

WHERE WATER MAIN CROSSES SANITARY, MAINTAIN 6" OF SEPARATION IF ABOVE AND 18" IF BELOW

CONTRACTOR TO COORDINATE WITH DRY UTILITY COMPANY'S REGARDING ANY POTENTIAL CONFLICTS AND COORDINATE RELOCATIONS AS MAY BE REQUIRED

CONTRACTOR TO LOCATE AND CONNECT ALL EXISTING SANITARY LATERALS TO THE MAIN. LATERALS LOCATIONS AS SHOWN ON THE PLANS ARE ONLY APPROXIMATE



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ACKER PARKWAY - PLAN & PROFILE
ACKER PARKWAY RECONSTRUCTION
VILLAGE OF DEFOREST
DANE COUNTY, WISCONSIN

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NO.	DATE	REMARKS	

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1	3/18/26	REVISION 1	
2	4/14/26	REVISION 2	

DATE: FEBRUARY 2026
DRAFTER: JDEL
CHECKED: TBRA
PROJECT NO.: 250801
SHEET: 4 OF 18

14 Apr 2026 - 8:26a R:\DeForest, Village of\250801 - Acker Parkway Reconstruction\CADD\250801 - Acker Base Engineering.dwg by: node

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16 Apr 2026 - 1:39p R:\DeForest, Village of\250801 - Acker Parkway Reconstruction\CADD\250801 - Acker Base Engineering.dwg by: node

CONNECT TO EXISTING 24" PIPE
CONTRACTOR TO VERIFY LOCATION & ELEVATION PRIOR TO INSTALLATION

CONNECT TO EXISTING 8" SANITARY SEWER
STA:15+46.1, OFF:63.1'L, IE = 925.44
CONTRACTOR TO VERIFY LOCATION AND ELEVATION PRIOR TO INSTALLATION.

OWNER: MARCUS HARRINGTON & RICKI SMITH
ADDRESS: 220 ACKER PKWY

CONNECT TO EXISTING 8" WATER MAIN
STA:15+71.8, OFF:67.2'L, 2 – 8" TEES (CAP ENDS)
CONTRACTOR TO VERIFY LOCATION AND ELEVATION PRIOR TO INSTALLATION.

PROPOSED HYDRANT
STA:15+84.2, OFF:54.0'L
GROUND ELEV: 931.77
7.5' BURY, TYP.
8" X 6" TEE
2 – 8" VALVES, 1 – 6" VALVE
15 LF 6" HYDRANT LEAD

S6.1: 2' x 3' CI
15+79.3, 43.0' L
R–3067 FRAME
TYPE L GRATE
TC=931.51
3.0' SUMP
923.21 SUMP ELEV.
IE=926.21 SW

EX 2' x 3' CI
TC=930.67
IE=927.47 SW

62'–8" PVC SAN @ 8.24%

SIGN SS4, SEE DETAILS

PUBLIC RIGHT OF WAY

PROTECT EXISTING LANDSCAPE, TYP.

SAWCUT, TYP.

PROTECT EXISTING LANDSCAPE, TYP.

PROTECT EXISTING LANDSCAPE, TYP.

MATCH LINE

REMOVE EXIST

OLD INDIAN TRL

ACKER PKWY

66' ROW

EX 8" PVC SAN

EX 8" PVC SAN

EX 8" PVC SAN

EX 8" PVC SAN

EX 48" SMH
RIM=929.71
IE=919.85 SW
IE=919.85 NE
IE=920.35 NW

EX 48" SMH
RIM=931.68
IE=922.44 SW
IE=922.47 NE

EX 48" SMH
RIM=937.19
IE=928.01 SW
IE=928.01 NE

11.25 DEGREE BEND
STA:17+53.1
OFF:12.8'R

11.25 DEGREE BEND
STA:20+64.4
OFF:12.4'R

S8.1: 2' x 3' CI
15+95.6, 20.3' L
R–3067 FRAME
TYPE L GRATE
TC=930.35
3.0' SUMP
922.75 SUMP ELEV.
IE=925.75 SE

RELOCATE MAILBOX AS REQUIRED, TYP.

1" HDPE WATER SERVICE WITH CURB STOP & CORPORATION, TYP.

PROPOSED STANDARD 30" CURB & GUTTER

4" SANITARY LATERAL, TYP.

PUBLIC RIGHT OF WAY

41'–15" HDPE STORM @ 0.80%

INSULATION, TYP.

FRAMED INLET PROTECTION, TYP.

10"X8" TEE
STA:15+67.3
OFF:8.4'R
1 – 10" VALVE

50'–15" HDPE STORM @ 1.47%

BENCHMARK #2

S4 SMH

S5 SMH

S5.0 CB

S8.0 CI

S6 SMH

S7 SMH

P4

P5

P6

P7

OWNER: STEVEN D WALKER & LONDA L WALKER
ADDRESS: 218 ACKER PKWY

OWNER: MICHAELG BRAUN & TAMMY A RICHARDS
ADDRESS: 216 ACKER PKWY

OWNER: KARLY SCHROEDER & ALEXANDER NEUENSCHWANDER
ADDRESS: 214 ACKER PKWY

OWNER: DAMIAN J HOWELL & GABRIELLE S HOWELL
ADDRESS: 212 ACKER PKWY

OWNER: LISA BRINCKS
ADDRESS: 210 ACKER PKWY

OWNER: DOUGLAS J POWELL & JAMIE J POWELL
ADDRESS: 211 ACKER PKWY

OWNER: HEATHER DRING & ANTHONY DRING
ADDRESS: 223 ACKER PKWY

OWNER: SCOTT R SAMUEL
ADDRESS: 219 ACKER PKWY

OWNER: SHERRY L PORTER
ADDRESS: 215 ACKER PKWY

OWNER: ANTHONY C WANGELIN
ADDRESS: 231 ACKER PKWY

ADDRESS: 227 ACKER PKWY

STREET RECONSTRUCTION LEGEND
- PROPOSED ASPHALT ROAD (3.75")
- PROPOSED ASPHALT DRIVEWAY (2.5")
- PROPOSED CONCRETE DRIVEWAY (6") 7 BAG MIX

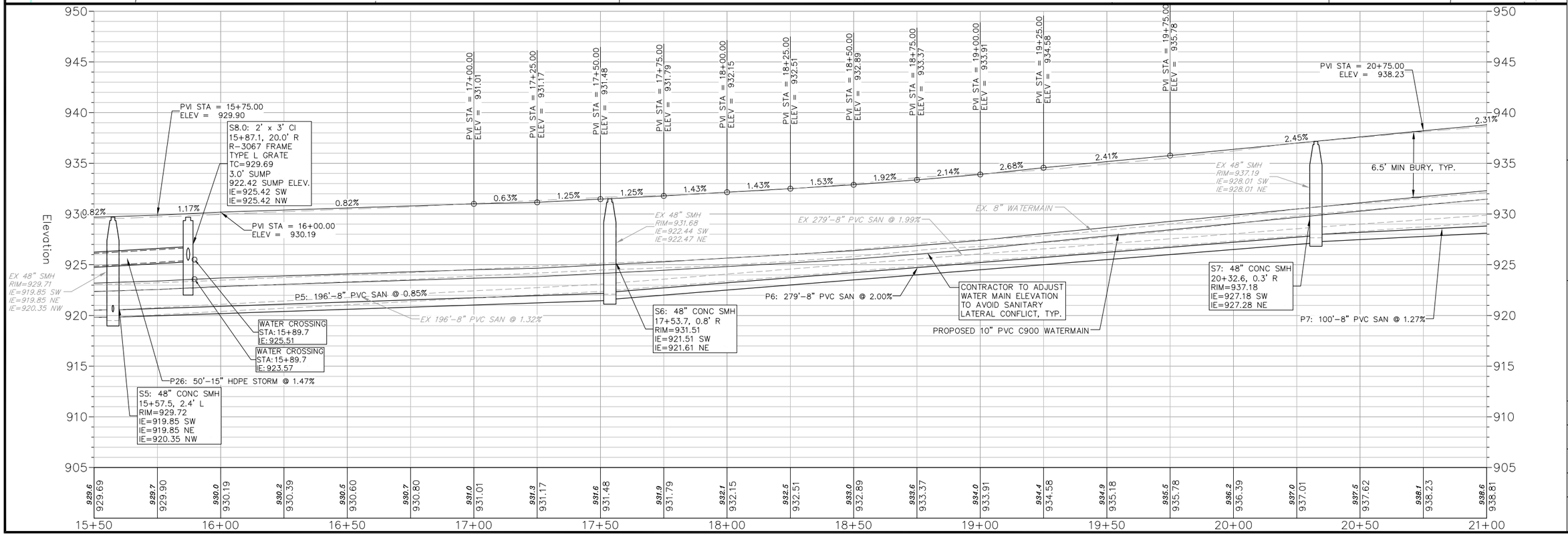
GRAPHIC SCALE, FEET
0 10 20 40

WATER SERVICES TO HAVE MINIMUM 6.5' OF COVER TO CURB STOP

WHERE WATER MAIN CROSSES SANITARY, MAINTAIN 6" OF SEPARATION IF ABOVE AND 18" IF BELOW

CONTRACTOR TO COORDINATE WITH DRY UTILITY COMPANY'S REGARDING ANY POTENTIAL CONFLICTS AND COORDINATE RELOCATIONS AS MAY BE REQUIRED

CONTRACTOR TO LOCATE AND CONNECT ALL EXISTING SANITARY LATERALS TO THE MAIN. LATERALS LOCATIONS AS SHOWN ON THE PLANS ARE ONLY APPROXIMATE



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REVISIONS			
NO.	DATE	REMARKS	
3	4/16/26	REVISION 3	

ACKER PARKWAY - PLAN & PROFILE

ACKER PARKWAY RECONSTRUCTION
VILLAGE OF DEFOREST
DANE COUNTY, WISCONSIN

DATE: FEBRUARY 2026
DRAFTER: JDEL
CHECKED: TBRA
PROJECT NO.: 250801
SHEET: 5 OF 18

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OWNER: PATRICK M NEWMAN & NANCY M NEWMAN
ADDRESS: 208 ACKER PKWY

OWNER: VICKI K COATES
ADDRESS: 206 ACKER PKWY

OWNER: JORDON C DEFOREST & TARA E SHAUGHNESSY
ADDRESS: 204 ACKER PKWY

OWNER: MISTI M VOLK
ADDRESS: 202 ACKER PKWY

OWNER: 302 MAIN LLC
ADDRESS: 302 N MAIN ST

OWNER: BALLWEG LIVING TR, KENNETH V
ADDRESS: 209 ACKER PKWY

OWNER: JAMES L SIMPSON
ADDRESS: 205 ACKER PKWY

OWNER: KARI O'CONNOR & KAL WATSON
ADDRESS: 201 ACKER PKWY

ADDRESS: 105 ACKER PKWY

OWNER: 302 MAIN LLC

ADDRESS: 301 VALERIA DR

VALERIA DR

ACKER PKWY

MATCH LINE

MATCH LINE

PUBLIC RIGHT OF WAY

PUBLIC RIGHT OF WAY

66.5' ROW

65.0' ROW

63.5' ROW

REMOVE EXISTING HYDRANT, TYP.

PROTECT EXISTING LANDSCAPE, TYP.

PROPOSED STANDARD 30" CURB & GUTTER

4" SANITARY LATERAL, TYP.

SAWCUT, TYP.

SIGN SS5, SEE DETAILS

SIGN SS6, SEE DETAILS

CONCRETE WATERWAY, SEE DETAIL

EX 48" SMH
RIM=941.60
IE=931.52 SW
IE=931.60 E

EX 48" SMH
RIM=939.42
IE=932.47 W
IE=932.52 N

EX 8" PVC SAN

S8 SMH

S9 SMH

S10 SMH

P7

P8

P9

P10

11.25 DEGREE BEND
STA: 20+64.4
OFF: 12.4'R

11.25 DEGREE BEND
STA: 21+30.2
OFF: 12.1'R

22.50 DEGREE BEND
STA: 22+31.3
OFF: 7.7'R

11.25 DEGREE BEND
STA: 23+64.2
OFF: 9.4'R

RELOCATE MAILBOX AS REQUIRED, TYP.

PROPOSED HYDRANT
STA: 22+50.0
OFF: 23.0'R
GROUND ELEV: 940.97
7.5' BURY, TYP.
10" X 6" TEE
2 – 10" VALVES
1 – 6" VALVE
12 LF 6" HYDRANT LEAD

CONNECT TO EXISTING SANITARY MANHOLE.
STA: 24+79.1
OFF: 4.9'L
IE = 932.42
CONTRACTOR TO VERIFY LOCATION AND ELEVATION PRIOR TO INSTALLATION.

CONNECT TO EXISTING 8" WATER MAIN AS REQUIRED.
STA: 24+95.7
OFF: 32.9'L
CONTRACTOR TO VERIFY LOCATION AND ELEVATION PRIOR TO INSTALLATION.

10"X8" TEE
STA: 24+94.0
OFF: 12.1'R
1 – 10" VALVE
1 – 8" VALVE

1" HDPE WATER SERVICE WITH CURB STOP & CORPORATION, TYP.

PROTECT EXISTING SIGN AS REQUIRED.

CURB CUT FOR PARKING LOT
STA: 26+01.4
OFF: 20.0'R

CURB CUT FOR PARKING LOT
STA: 26+26.9
OFF: 20.0'R

CONTRACTOR TO COORDINATE WITH DRY UTILITY COMPANY'S REGARDING ANY POTENTIAL CONFLICTS AND COORDINATE RELOCATIONS AS MAY BE REQUIRED

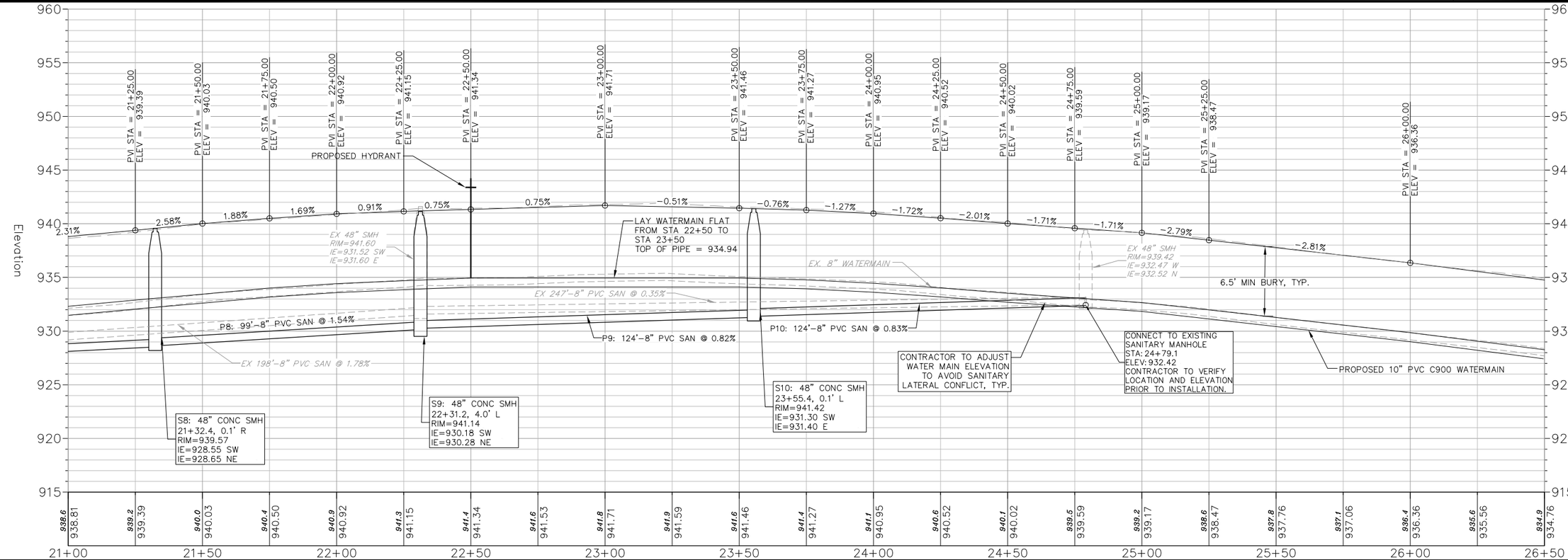
CONTRACTOR TO LOCATE AND CONNECT ALL EXISTING SANITARY LATERALS TO THE MAIN. LATERALS LOCATIONS AS SHOWN ON THE PLANS ARE ONLY APPROXIMATE

WATER SERVICES TO HAVE MINIMUM 6.5' OF COVER TO CURB STOP

WHERE WATER MAIN CROSSES SANITARY, MAINTAIN 6" OF SEPARATION IF ABOVE AND 18" IF BELOW

STREET RECONSTRUCTION LEGEND
- PROPOSED ASPHALT ROAD (3.75")
- PROPOSED ASPHALT DRIVEWAY (2.5")
- PROPOSED CONCRETE DRIVEWAY (6") 7 BAG MIX

GRAPHIC SCALE, FEET
0 10 20 40



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ACKER PARKWAY - PLAN & PROFILE

ACKER PARKWAY RECONSTRUCTION
VILLAGE OF DEFOREST
DANE COUNTY, WISCONSIN

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NO.	DATE	REMARKS

REVISIONS

NO.	DATE	REMARKS

DATE
FEBRUARY 2026

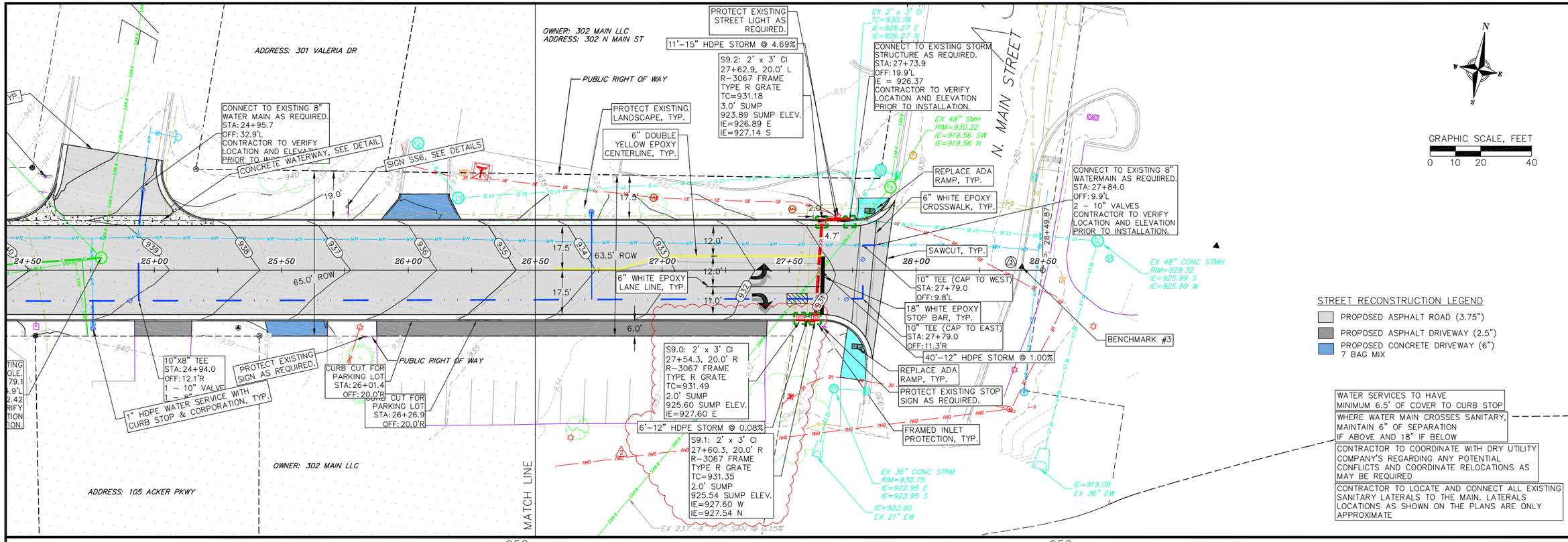
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JDEL

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TBRA

PROJECT NO.
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GRAPHIC SCALE, FEET
0 10 20 40

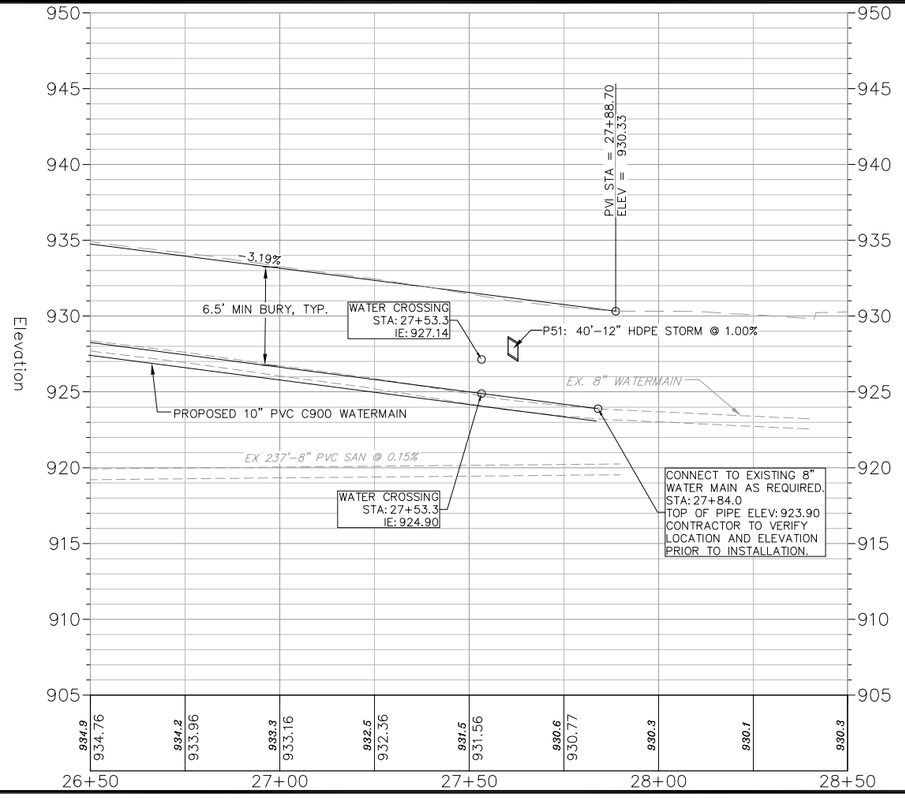
STREET RECONSTRUCTION LEGEND
- PROPOSED ASPHALT ROAD (3.75")
- PROPOSED ASPHALT DRIVEWAY (2.5")
- PROPOSED CONCRETE DRIVEWAY (6") 7 BAG MIX

WATER SERVICES TO HAVE MINIMUM 6.5' OF COVER TO CURB STOP

WHERE WATER MAIN CROSSES SANITARY, MAINTAIN 6" OF SEPARATION IF ABOVE AND 18" IF BELOW

CONTRACTOR TO COORDINATE WITH DRY UTILITY COMPANY'S REGARDING ANY POTENTIAL CONFLICTS AND COORDINATE RELOCATIONS AS MAY BE REQUIRED

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ACKER PARKWAY - PLAN & PROFILE

ACKER PARKWAY RECONSTRUCTION
VILLAGE OF DEFOREST
DANE COUNTY, WISCONSIN

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1	3/16/26	REVISION 1
2	4/14/26	REVISION 2

DATE: FEBRUARY 2026
DRAFTER: JDEL
CHECKED: TBRA
PROJECT NO.: 250801
SHEET: 7 OF 18

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OWNER: ANTHONY C WANGELIN
ADDRESS: 231 ACKER PKWY

OWNER: DEFOREST, VILLAGE OF

OWNER: GABRIEL CLIST &
ABIGAIL CLIST
ADDRESS: 301 ACKER PKWY

OWNER: DEFOREST, VILLAGE OF

S4: 48" CONC SMH
RIM=929.33
IE=919.74 SW
IE=919.74 NE
IE=919.64 SE

BEP: 0+00.00

PI: 1+67.40

EP: 2+87.85

EX 8" CLAY SAN

EX 8" IRON SAN

EX 8" PVC SAN

EX 21" PVC SAN

EX 48" SMH
RIM=929.75
IE=915.39 E
IE=914.56 SW
IE=914.63 NE

EX 48" SMH
RIM=929.09
IE=916.40 S
IE=916.47 W

EX 48" SMH
RIM=929.04
IE=916.34 N
IE=914.54 SW
IE=914.64 NE

EX 48" SMH
RIM=930.39
IE=918.88 NW
IE=917.38 E

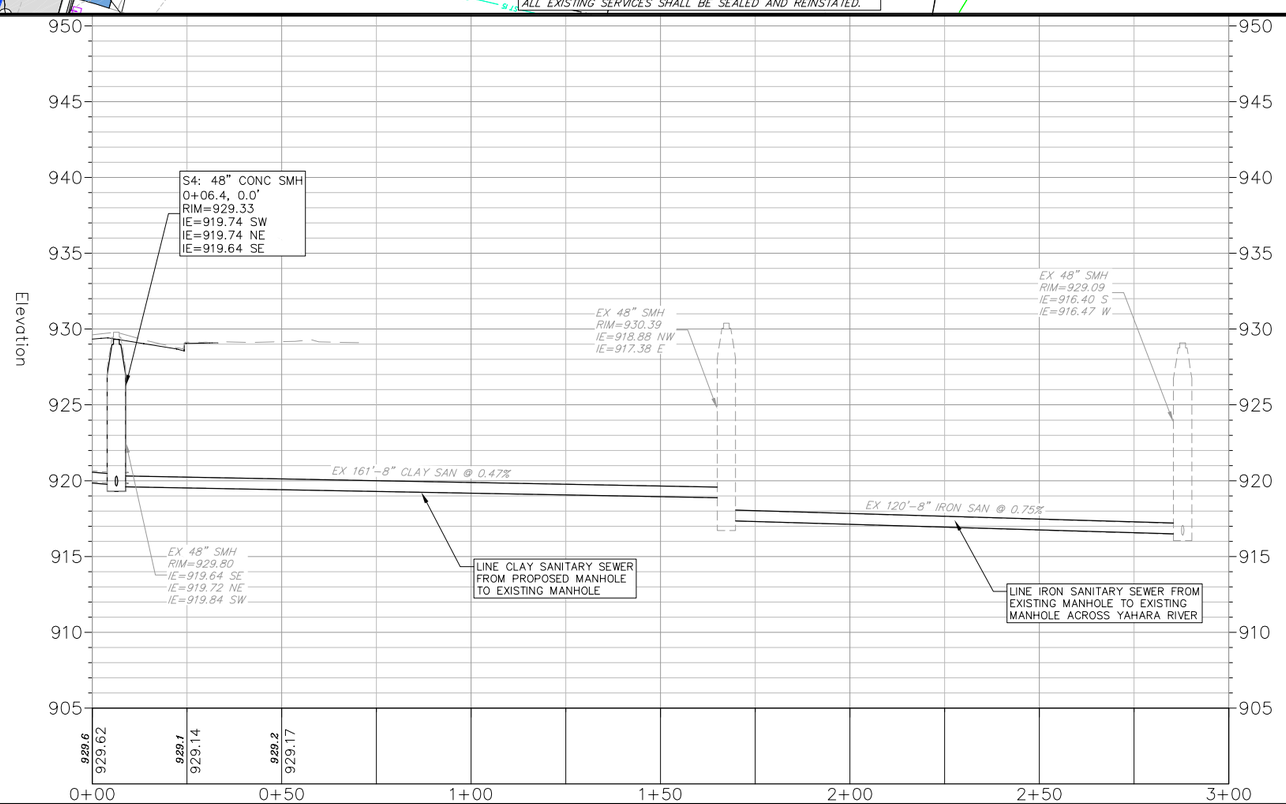
LINE CLAY SANITARY SEWER FROM PROPOSED MANHOLE TO EXISTING MANHOLE

LINE IRON SANITARY SEWER FROM EXISTING MANHOLE TO EXISTING MANHOLE ACROSS YAHARA RIVER.

YAHARA RIVER

CONTRACTOR TO TELEVISE EXISTING SEWER TO BE LINED PRIOR TO STARTING WORK TO CONFIRM LATERAL LOCATIONS AND THE SIZE OF THE MAIN. PROTRUDING TAPS SHALL BE REMOVED. ALL EXISTING SERVICES SHALL BE SEALED AND REINSTATED.

GRAPHIC SCALE, FEET
0 10 20 40



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SANITARY SEWER LINING - PLAN & PROFILE

ACKER PARKWAY RECONSTRUCTION
VILLAGE OF DEFOREST
DANE COUNTY, WISCONSIN

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SEMINOLE WAY

ACKER PARKWAY

R/W

934.92 TC
934.67
934.29 TC
934.45 RIM
934.61 EP
933.18 TC
934.92 TC
935.59 TC
933.70 EP
933.12 EP
932.96 EP
932.33 EP
934.14 FL
932.07 TC
931.38 TC
933.96 FL
933.53 FL
932.95 FL
932.16 FL
935.96 EP
935.21 EP
934.54 EP
933.82 EP
933.18 EP
932.37 EP
931.69 EP
936.30
935.57
11+50
934.68
933.78
933.44 RIM
12+00
932.89
932.04
12+50
931.30
932.99 RIM
934.72 RIM
932.62 RIM
934.49 RIM
935.54 EP
934.77 EP
935.14 TC
934.25 TC
933.35 TC
932.85 TC
932.21 TC
931.70 TC
931.34 TC
934.41

CURB CUT REQUIRED FOR ALL DRIVEWAYS, TYP.

GRAPHIC SCALE, FEET
0 5 10

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SEMINOLE WAY INTERSECTION DETAIL

ACKER PARKWAY RECONSTRUCTION
VILLAGE OF DEFOREST
DANE COUNTY, WISCONSIN

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OLD INDIAN TRAIL

ACKER PARKWAY

932.11 TC
932.26
932.34 TC
931.63 RIM
931.53 RIM
931.33 RIM
931.74
930.89 RIM
931.12 TC
931.01 TC
931.51 TC
931.43 TC
930.26 TC
929.38 TC
929.51 TC
929.13 EP
929.59
930.82 TC
930.35 TC
930.29 TC
930.48 TC
930.21 TC
929.83 EP
929.48
929.37
929.33 RIM
929.72 RIM
929.69
929.90
930.19
930.39
929.51 RIM
929.02 TC
929.09 TC
929.13 TC
929.14 TC
929.12 RIM
929.16 TC
929.35 TC
929.50 TC
929.69 TC
929.93 TC
930.33 TC

15+00
15+50
16+00
PI: 15+39.76
PI: 15+61.78
PC: 16+22.13

-7.4%
-6.3%
-3.9%
-7.4%
-1.8%
-2.2%
-1.7%
-2.0%
-2.2%
-7.8%
-4.2%
-4.7%
-4.8%
-4.3%
-3.6%
-2.7%

CURB CUT REQUIRED FOR ALL DRIVEWAYS, TYP.

CURB CUT REQUIRED FOR TRAIL ACCESS

R/W

GRAPHIC SCALE, FEET
0 5 10

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OLD INDIAN TRAIL INTERSECTION DETAIL
ACKER PARKWAY RECONSTRUCTION
VILLAGE OF DEFOREST
DANE COUNTY, WISCONSIN

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ALLEY BETWEEN VALERIA DRIVE & MAIN STREET

VALERIA DRIVE

ACKER PARKWAY

N
W E
S

GRAPHIC SCALE, FEET
0 5 10

936.01
935.61
936.21
936.29 TC
935.98 TC
935.85 TC
935.81 HP
935.77 TC
935.72 TC
936.52 TC
936.11 HP
936.69 HP
936.40 HP
935.90 TC
936.74 TC
936.22 TC
936.68 TC
936.52 TC
935.40 FL
935.72 FL
936.02 FL
-8.8%
-5.7%
936

940.59 TC
940.10
939.42 TC
940.53 TC
940.07 EP
938.93 RIM
938.98 TC
940.36 TC
939.70 EP
938.59 EP
939.33 EP
938.99 EP
938.56 EP
939.65 FL
938.53 EP
940.82 TC
940.47 TC
940.19 TC
939.16 FL
938.82 FL
938.54 TC
938.15 TC
939.40 FL
938.39 FL
938.20 FL
939.81 EP
939.44 EP
939.12 EP
938.71 EP
938.17 EP
-7.8%
-7.1%
-4.3%
-5.8%
-5.5%
-2.7%
-10.1%
-9.8%
-14.5%
-10.2%
941
942
943

940.82
940.52
940.02
939.59
939.43 RIM
939.17
938.47
938.99 RIM
24+00
24+50
PI: 24+14.72
25+00
940
939
941
-2.5%
-2.9%
-2.6%
-3.4%
-3.5%
-3.2%
-3.1%
-4.1%

940.56 TC
940.49 TC
940.14 TC
939.67 TC
939.18 TC
938.60 TC
938.01 TC

CURB CUT REQUIRED FOR
ALL DRIVEWAYS, TYP.

R/W

VALERIA DRIVE INTERSECTION DETAIL
ACKER PARKWAY RECONSTRUCTION
VILLAGE OF DEFOREST
DANE COUNTY, WISCONSIN

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929.68 RIM
930.22 RIM
930.32 TC
929.95 EP
930.18
930.79 TC
930.86 TC
930.46 TC
931.18 TC
CURB CUT REQUIRED FOR ADA RAMP
932.39 TC
933.18 TC
930.58 RIM
ACKER PARKWAY
930.76
27+50
931.56
932.36
27+00
933.16
930.80 RIM
930.54 HP
CURB CUT REQUIRED FOR ADA RAMP
931.25 TC
931.49 TC
931.35 TC
931.01 TC
932.48 TC
933.19 TC
930.83 SW
930.45 EP
930.82 TC
930.65
930.55
SEE PAGE 6 FOR CURB CUT LOCATIONS FOR PARKING LOT
R/W
N. MAIN STREET
28+00
28+49.87
28+50
GRAPHIC SCALE, FEET
0 5 10

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MAIN STREET INTERSECTION DETAIL

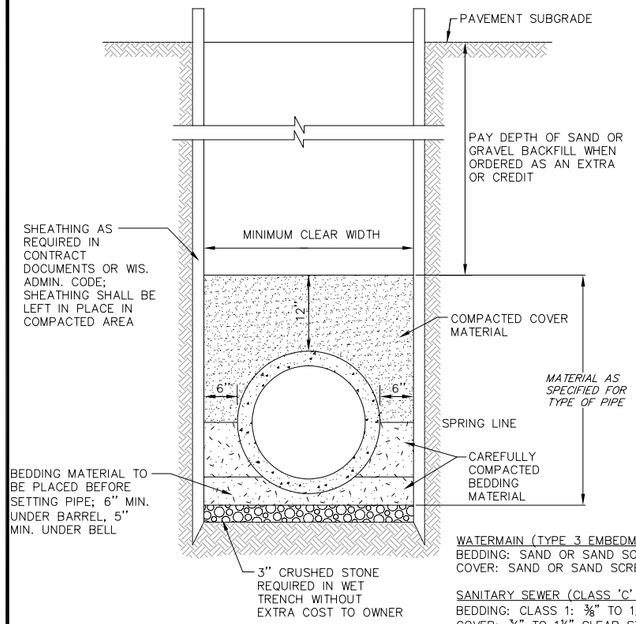
ACKER PARKWAY RECONSTRUCTION
VILLAGE OF DEFOREST
DANE COUNTY, WISCONSIN

REVISIONS			
NO.	DATE	REMARKS	

REVISIONS			
NO.	DATE	REMARKS	

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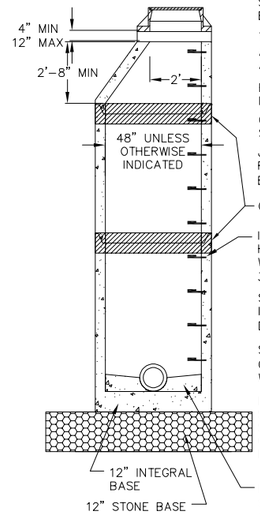
WATERMAIN (TYPE 3 EMBEDMENT):
BEDDING: SAND OR SAND SCREENINGS
COVER: SAND OR SAND SCREENINGS

SANITARY SEWER (CLASS 'C' BEDDING):
BEDDING: CLASS 1: ⅜" TO 1½" CLEAR STONE
COVER: ⅜" TO 1½" CLEAR STONE

STORM SEWER (CLASS 'B' BEDDING):
BEDDING: CLASS 1: ⅜" TO 1½" CLEAR STONE
COVER: NATIVE OR GRANULAR BACKFILL AS REQ'D

1/13 STANDARD TRENCH SECTION
NOT TO SCALE

MANHOLE CASTING SHALL BE HEAVY DUTY, NEENAH FOUNDRY CO. CATALOG LISTING NO. R–1550, WITH TYPE "B" NON–ROCKING LID, GASKET SEAL AND CONCEALED PICKHOLES



PLACE CASTINGS DIRECTLY ON MANHOLE STRUCTURE. FINAL CASTING ADJUSTMENTS BY STORM AND ROAD CONTRACTOR

THE ROUND CONCRETE COLLAR SHOULD ASSUME A MINIMUM OF 21" OF ADJUSTMENT REQUIRED AS PART OF THE MR MANHOLE ADJUSTMENT

EXTERNAL CHIMNEY SEAL IS REQUIRED IF NOT ADJUSTED WITH MR. MAMHOLE

CONCRETE AND STEEL REINFORCEMENT SHALL CONFORM TO ASTM C478.

JOINTS SHALL BE WATERTIGHT: RUBBER GASKETS OR FLEXIBLE BUTYL RUBBER GASKETS/ROPE.

GATOR WRAP OR APPROVED EQUAL AT ALL JOINTS.

INSTALLED STEPS SHALL WITHSTAND A HORIZONTAL PULLOUT LOAD OF 400 POUNDS WITH THE LOAD APPLIED OVER A WIDTH OF 3–1/2" AND CENTERED ON THE RUNG.

STEPS SHALL BE EQUALLY SPACED VERTICALLY IN THE ASSEMBLED MANHOLE AT A MAXIMUM DISTANCE OF 16" ON CENTER.

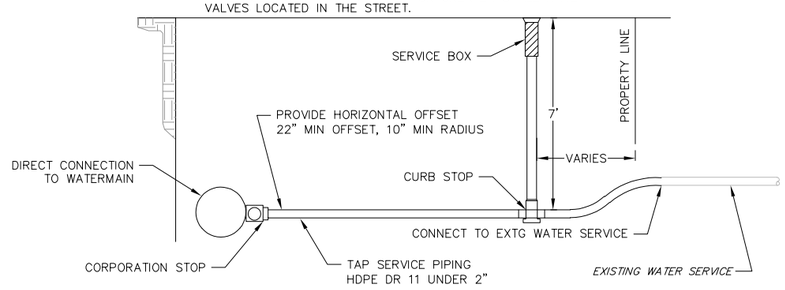
STEPS SHALL BE GRAY CAST IRON OR FABRICATED OF 1/2" DIA. GRADE 60 STEEL REINFORCING ROD WITH MOLDED PLASTIC COVERING.

PROVIDE FLEXIBLE WATERTIGHT PIPE–TO–MANHOLE SEAL FOR ALL FLEXIBLE SEWER CONNECTIONS. FILL SPACE BETWEEN PIPE AND MANHOLE BARREL WITH GROUT. LIFT HOLES SHALL BE FILLED WITH NON–SHRINK GROUT.

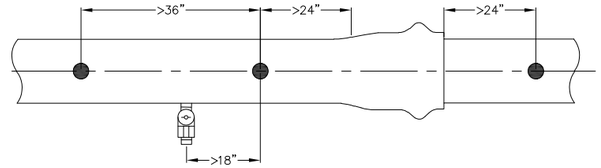
BENCH SLOPE"
STORM MANHOLE – 1" PER FOOT
SANITARY MANHOLE – 2" PER FOOT

2/13 SANITARY SEWER MANHOLE
NOT TO SCALE

- THE MINIMUM SPACING BETWEEN TAPS ON C900 WATER MAIN SHALL BE 3' AND 2' AWAY FROM ANY BELL OR JOINT RESTRAINT.
- CURB BOXES SHALL BE BINGHAM AND TAYLOR BUFFALO TYPE AND INSTALLED WITH THE EXTENSION ROD AND GUIDE RING.
- WATER SERVICES 4" IN DIAMETER OR GREATER SHALL HAVE VALVES LOCATED IN THE STREET.



3/13 WATER SERVICE (HDPE DR 11 UNDER 2")
NOT TO SCALE

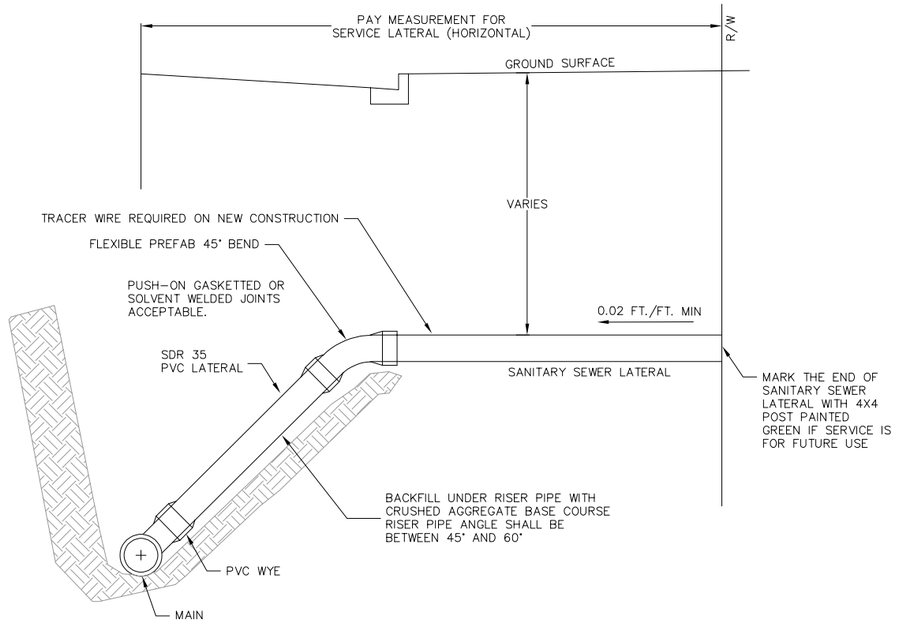


PLANNING A DIRECT TAP
- OUTLET SIZE UP TO 1–INCH DIAMTER MAXIMUM
- PIPE PRODUCT: SEE TABLES
- WET/DRY TAPS: WET TAPS (PIPE FILLED) AND DRY TAPS (PIPE EMPTY) ARE ALLOWED. WET TAPS CAN BE MADE ON PIPE PRESSURIZED UP TO THE FULL PRESSURE CLASS/RATING OF THE PIPE. HOWEVER, THE SYSTEM OPERATOR MAY CHOOSE TO LOWER SYSTEM PRESSURE PRIOR TO TAPPING.
- POSITION OF THE TAP:
  - FOR 12–INCH PIPE OR SMALLER, THE TAP SHOULD NOT BE LOCATED CLOSER THEN 24 INCHES FROM:
    - THE BACK OF THE BELL (WHERE THE BELL TRANSITIONS TO THE BARREL OF THE PIPE)
    - THE SPIGOT INSERTION LINE
    - JOINT–RESTRAINT HARDWARE
  - FOR 14–INCH PIPE OR LARGER, THE TAP SHOULD NOT BE LOCATED CLOSER THAN 36 INCHES FROM:
    - THE BACK OF THE BELL (WHERE THE BELL TRANSITIONS TO THE BARREL OF THE PIPE)
    - THE SPIGOT INSERTION LINE
    - JOINT–RESTRAINT HARDWARE
  - FOR ALL PIPE, STAGGER MULTIPLE TAPS AND KEEP THEM AT LEAST 18 INCHES APART LENGTHWISE. THUS, THE MINIMUM SPACING ALONG THE SAME LINE IN 36 INCHES.

DIRECT TAPPING: AWWA PIPE				
PIPE MATERIAL	PIPE STANDARD	SIZE (IN)	DR	COMMENT
PVC	C900	4	ALL	NOT RECOMMENDED
		6	25	NOT RECOMMENDED
		6	18	≤ 1" DIAMETER
		6	14	≤ 1" DIAMETER
		8	25	NOT RECOMMENDED
		8	18	≤ 1" DIAMETER
		8	14	≤ 1" DIAMETER
		10	ALL	≤ 1" DIAMETER
		12	ALL	≤ 1" DIAMETER
PVC	C905	14	≥ 41	NOT RECOMMENDED
		14	≤ 32.5	≤ 1" DIAMETER
		16	≥ 51	NOT RECOMMENDED
		16	≤ 41	≤ 1" DIAMETER
		≥18	ALL	GENERALLY NOT ALLOWED
PVCO	C909	ALL	ALL	NOT RECOMMENDED

DIRECT TAPPING: ASTM PIPE				
PIPE MATERIAL	PIPE STANDARD	SIZE (IN)	DR	COMMENT
PVC	D2241	4	ALL	NOT RECOMMENDED
		6	≥ 21	NOT RECOMMENDED
		6	≤ 17	≤ 1" DIAMETER
		8	≥ 26	NOT RECOMMENDED
		8	≤ 21	≤ 1" DIAMETER
		10	≥ 32.5	NOT RECOMMENDED
		10	≤ 26	≤ 1" DIAMETER
		12	≥ 41	NOT RECOMMENDED
		12	≥ 32.5	≤ 1" DIAMETER
		14	≥ 41	NOT RECOMMENDED
		14	≥ 32.5	≤ 1" DIAMETER
		16	≥ 51	NOT RECOMMENDED
		18	≤ 41	≤ 1" DIAMETER
		≥18	ALL	NOT RECOMMENDED
PVCO	F1483	ALL	ALL	NOT RECOMMENDED

5/13 C–900 WATER SERVICE TAP
NOT TO SCALE



4/13 SANITARY SEWER LATERAL RISER (WHEN REQ'D)
NOT TO SCALE

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DETAILS
ACKER PARKWAY RECONSTRUCTION
VILLAGE OF DEFOREST
DANE COUNTY, WISCONSIN

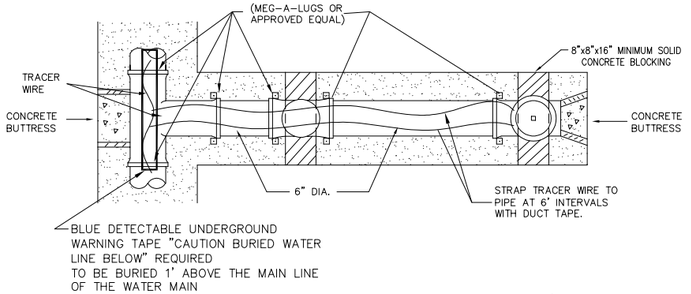
REVISIONS			
NO.	DATE	REMARKS	

REVISIONS			
NO.	DATE	REMARKS	

DATE: FEBRUARY 2026
DRAFTER: JDEL
CHECKED: TBRA
PROJECT NO.: 250801
SHEET: 13 OF 18

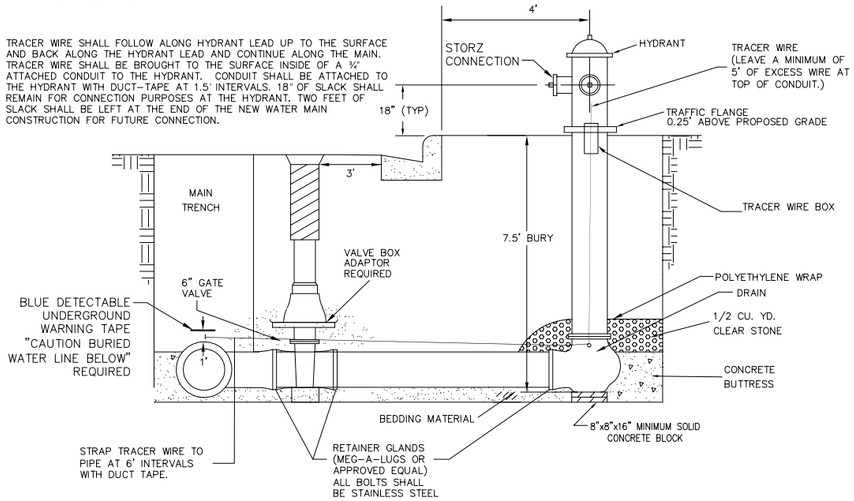
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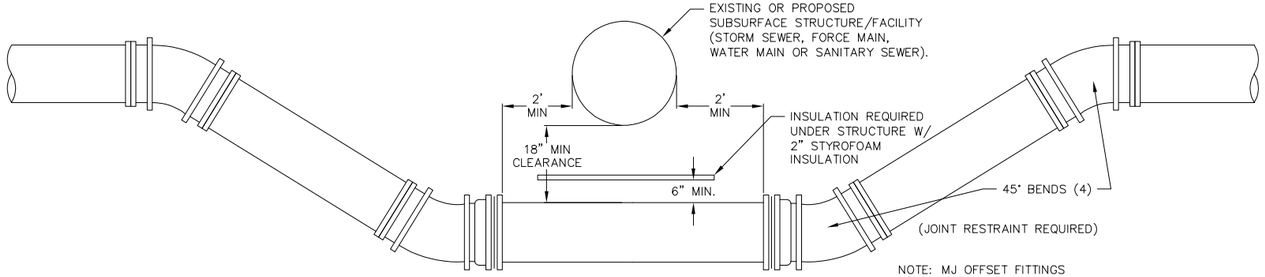
FIRE HYDRANTS SHALL CONFORM TO CHAPTER 8.26.0 OF THE STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN, SIXTH EDITION. HYDRANTS SHALL BE WATEROUS PACER WB67 WITH 5 ¼" VALVE OPENING WITH TWO 2 ½" NOZZLE OPENINGS AND ONE 4 ½" PUMPER NOZZLE WITH CAPS AND CHAINS. DEPTH OF BURY SHALL BE FOR 7' (OR AS REQUIRED FOR VARYING DEPTHS) TO ACCOMMODATE THE 6.5' MINIMUM COVER, AND HAVE A GROUND LINE BREAKABLE FLANGE. HYDRANTS SHALL BE EQUIPPED WITH A FIBERGLASS ROD MARKER WITH SPRING (RED & WHITE) AND A STORZ NOZZLE. HYDRANT COLOR SHALL BE RED, ORIGINAL MANUFACTURER ENAMEL COATING.

TRACER WIRE SHALL FOLLOW ALONG HYDRANT LEAD UP TO THE SURFACE AND BACK ALONG THE HYDRANT LEAD AND CONTINUE ALONG THE MAIN. TRACER WIRE SHALL BE BROUGHT TO THE SURFACE INSIDE OF A ½" ATTACHED CONDUIT TO THE HYDRANT. CONDUIT SHALL BE ATTACHED TO THE HYDRANT WITH DUCT-TAPE AT 1.5' INTERVALS. 18" OF SLACK SHALL REMAIN FOR CONNECTION PURPOSES AT THE HYDRANT. TWO FEET OF SLACK SHALL BE LEFT AT THE END OF THE NEW WATER MAIN CONSTRUCTION FOR FUTURE CONNECTION.



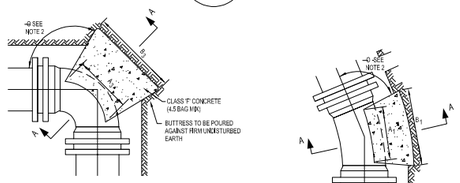
1/14 STANDARD HYDRANT SETTING
NOT TO SCALE

ALL MEGA-LUG CONNECTIONS REQUIRE STAINLESS STEEL BOLTS ALL FITTINGS SHALL BE MADE IN USA



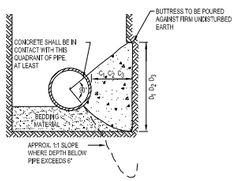
NOTE: MJ OFFSET FITTINGS MAY BE USED IF APPROVED BY THE ENGINEER

2/14 LOWERING WATERMAIN
NOT TO SCALE

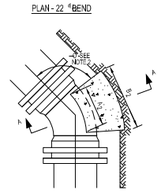


PLAN - 90° BEND

PLAN - 22 ½°BEND



SECTION A-A



PLAN - 45° BEND

BUTTRESS DIMENSIONS							
PIPE SIZE	22 ½° BENDS		45° BENDS		90° BENDS	
	B_1	D_1	B_2	D_2	B_3	D_3
6"	1'-0"	1'-0"	1'-0"	1'-0"	1'-4"	1'-0"
8"	1'-0"	1'-0"	1'-4"	1'-0"	1'-10"	1'-0"
12"	1'-4"	1'-4"	1'-10"	1'-10"	2'-8"	2'-3"
16"	1'-10"	1'-8"	2'-6"	2'-4"	3'-10"	2'-10"
20"	2'-4"	2'-0"	3'-3"	2'-10"	5'-0"	3'-4"
24"	2'-10"	2'-4"	4'-0"	3'-3"	6'-4"	3'-10"
30"	3'-6"	3'-0"	5'-4"	3'-10"	8'-0"	4'-8"

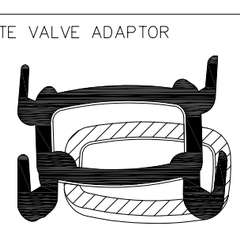
NOTES
1. DIMENSIONS IN TABLE ARE BASED ON A WATER PRESSURE OF 150 psi AND ON EARTH RESISTANCE OF 2 TONS PER SQUARE FOOT.
2. DIMENSION C1 C2 C3 SHOULD BE LARGE ENOUGH TO MAKE ANGLE Ø EQUAL TO OR LARGER THAN 45°
3. DIMENSION A1 A2 A3 SHOULD BE AS LARGE AS POSSIBLE WITHOUT INTERFERRING WITH M.J. BOLTS.
4. SHAPE OF BACK OF BUTTRESS MAY VARY AS LONG AS POUR IS AGAINST FIRM UNDISTURBED EARTH.
5. ALL IRON PIPE AND FITTINGS SHALL BE WRAPPED IN POLYETHYLENE.

3/14 BUTTRESS FOR BENDS
NOT TO SCALE

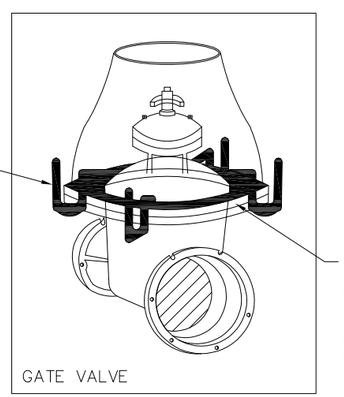
NOTE: GATE VALVE ADAPTORS ARE MANDITORY IN THE VILLAGE OF DEFOREST

MANUFACTURED BY ADAPTOR, INC. 3642 E. AMERICAN AVE. MILWAUKEE, WI 53154

GATE VALVE ADAPTOR

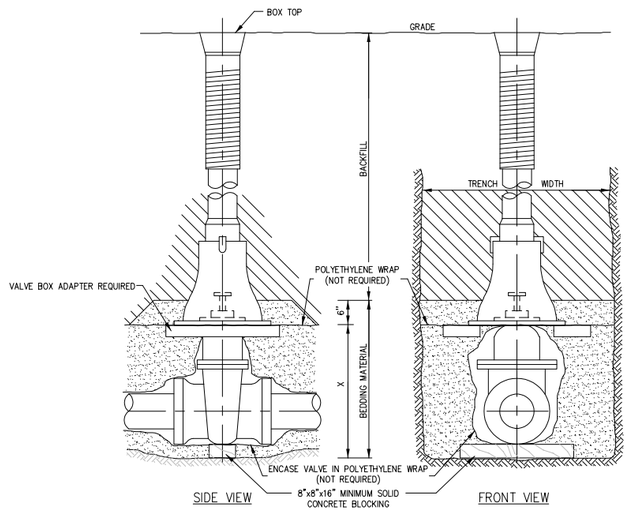


GATE VALVE ADAPTOR 1/4" STEEL WITH UNDERGROUND COATING



1/2" NEO-PRENE GASKET INSTALLED BETWEEN THE GATE VALVE AND GATE VALVE ADAPTOR TO ABSORB ANY PRESSURE OR MOVEMENT CAUSED BY ROAD TRAFFIC

4/14 GATE VALVE AND GATE VALVE ADAPTOR
NOT TO SCALE



PIPE DIA. INCHES	X=SETTING INCHES
2	6
3	7
4	8
6	12
8	13
12	21
16	30

VALVES SHALL BE AMERICAN FLOW CONTROL'S SERIES 2500 DUCTILE IRON, RESILIENT WEDGE, OR EQUAL. VALVE BOXES SHALL CONFORM TO CHAPTER 8.29.0 OF THE STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN, SIXTH EDITION, SPECIFIED FOR 7-FOOT BURY (OR AS REQUIRED FOR VARYING DEPTHS), AND INCLUDE A VALVE BOX ADAPTOR, ADAPTOR INC, OR EQUAL. VALVE BOX COVER SHALL BE MARKED "WATER."

5/14 STANDARD GATE VALVE BOX SETTING
NOT TO SCALE

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DETAILS
ACKER PARKWAY RECONSTRUCTION
VILLAGE OF DEFOREST
DANE COUNTY, WISCONSIN

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NO.	DATE	REMARKS	

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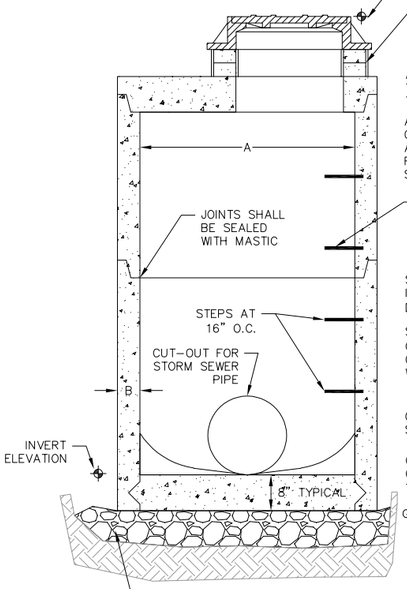
DATE: FEBRUARY 2026
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PROJECT NO.: 250801
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STORM MANHOLE DIMENSIONS

MANHOLE SIZE	DIMENSION	
	A	B (MIN.)
48"	48"	5"
60"	60"	6"
72"	72"	7"
84"	84"	7"
96"	96"	9"



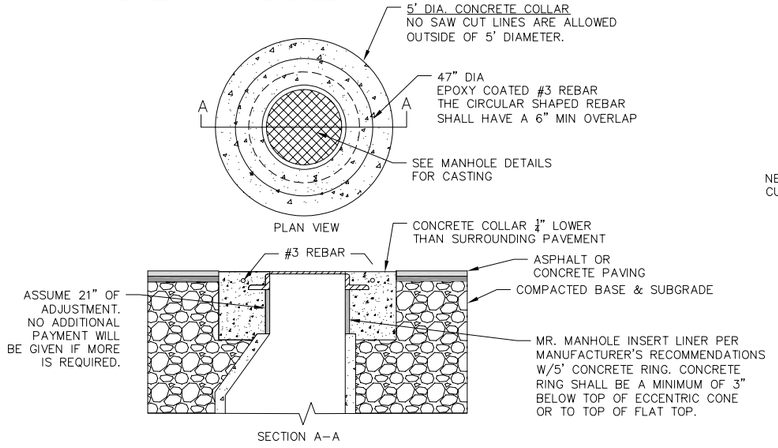
- CASTING SHALL BE ¼" TO ½" MAX BELOW FINISHED PAVEMENT OR AS ESTABLISHED BY THE ENGINEER
- THE ROUND CONCRETE COLLAR SHOULD ASSUME A MINIMUM OF 21" OF ADJUSTMENT REQUIRED AS PART OF THE MR. MANHOLE ADJUSTMENT.
- ADJUST FRAME TO GRADE WITH AT LEAST TWO HDPE RINGS OF DIFFERENT THICKNESSES.
- A MINIMUM OF 4" TO A MAXIMUM OF 12" OF ADJUSTING RINGS SHALL BE USED TO ADJUST THE MANHOLE CASTING TO THE FINISHED GRADE. ALL RINGS SHALL BE SEALED TOGETHER.
- JOINTS SHALL BE SEALED WITH MASTIC
- INSTALLED STEPS SHALL WITHSTAND A HORIZONTAL PULLOUT LOAD OF 400 POUNDS WITH THE LOAD APPLIED OVER A WIDTH OF 3-1/2" AND CENTERED ON THE RUNG.
- STEPS AT 16" O.C.
- STEPS SHALL BE EQUALLY SPACED VERTICALLY IN THE ASSEMBLED MANHOLE AT A MAXIMUM DISTANCE OF 16" ON CENTER.
- CUT-OUT FOR STORM SEWER PIPE
- STEPS SHALL BE GRAY CAST IRON OR FABRICATED OF 1/2" DIA. GRADE 60 STEEL REINFORCING ROD WITH MOLDED PLASTIC COVERING.
- CONCRETE AND STEEL REINFORCEMENT SHALL CONFORM TO ASTM C478.
- CONCRETE SHALL BE 4000 PSI, 28 DAY COMPRESSIVE STRENGTH, 6.5 BAG MIX WITH 1~2% AIR ENTRAINMENT.
- GATOR WRAP OR APPROVED EQUAL AT ALL JOINTS.
- JOINTS SHALL BE WATERTIGHT: RUBBER GASKETS OR FLEXIBLE BUTYL RUBBER GASKETS/ROPE.
- 6" GRAVEL FILL REQUIRED (WASHED STONE W/WET SUBGRADE
- 2x3 OPENING IS REQUIRED FOR STORM INLET MANHOLES WITH CASTING AND RINGS AS SPECIFIED IN DETAIL 02721-A.

1/15 STORM SEWER MANHOLE
NOT TO SCALE

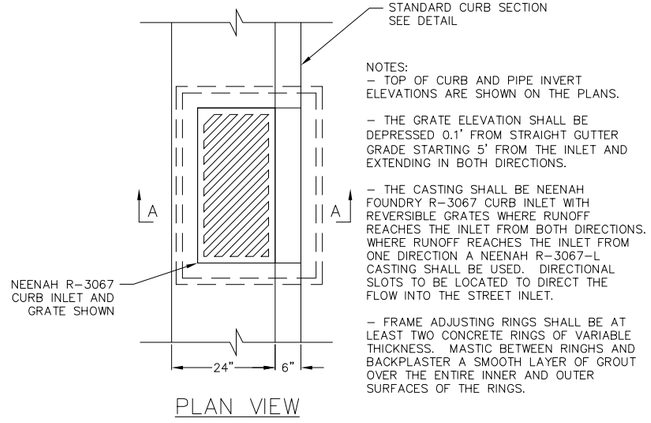
NOTES

MR. MANHOLE MACHINE OR APPROVED EQUAL SHALL BE USED TO TO ADJUST ALL EXISTING AND PROPOSED RIMS SHALL BE ADJUSTED PER MANUFACTURES RECOMMENDATIONS.

GROUTS SHALL ONLY BE USED IN AND AROUND THE INVERT OF THE PIPE AND SHALL NOT BE USED FOR THE CONCRETE COLLAR

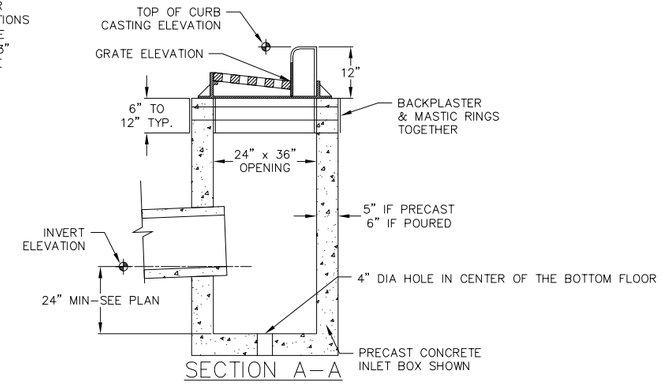


2/15 ROUND CONCRETE COLLAR
NOT TO SCALE

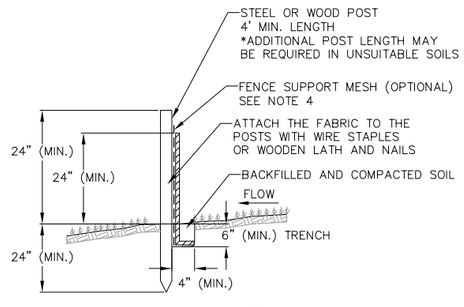


NOTES:
- TOP OF CURB AND PIPE INVERT ELEVATIONS ARE SHOWN ON THE PLANS.
- THE GRATE ELEVATION SHALL BE DEPRESSED 0.1' FROM STRAIGHT GUTTER GRADE STARTING 5' FROM THE INLET AND EXTENDING IN BOTH DIRECTIONS.
- THE CASTING SHALL BE NEENAH FOUNDRY R-3067 CURB INLET WITH REVERSIBLE GRATES WHERE RUNOFF REACHES THE INLET FROM BOTH DIRECTIONS. WHERE RUNOFF REACHES THE INLET FROM ONE DIRECTION A NEENAH R-3067-L CASTING SHALL BE USED. DIRECTIONAL SLOTS TO BE LOCATED TO DIRECT THE FLOW INTO THE STREET INLET.
- FRAME ADJUSTING RINGS SHALL BE AT LEAST TWO CONCRETE RINGS OF VARIABLE THICKNESS. MASTIC BETWEEN RINGHS AND BACKPLASTER A SMOOTH LAYER OF GROUT OVER THE ENTIRE INNER AND OUTER SURFACES OF THE RINGS.

PLAN VIEW

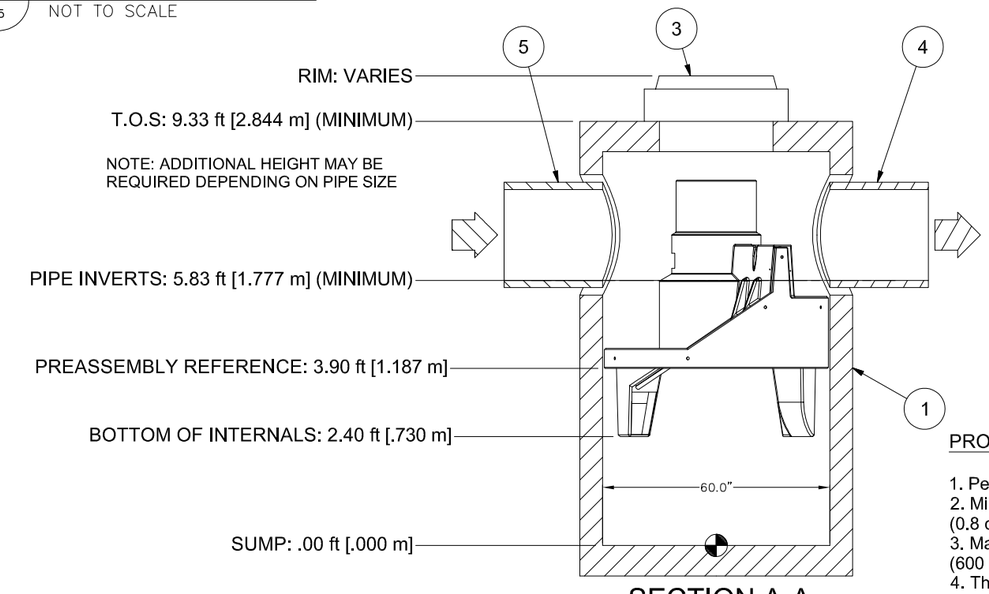


3/15 RECTANGULAR STREET INLET WITH SUMP
NOT TO SCALE



NOTES:
1. INSTALL SILT FENCE TO FOLLOW THE GROUND CONTOURS AS CLOSELY AS POSSIBLE.
2. CURVE THE SILT FENCE UP THE SLOPE TO PREVENT WATER FROM RUNNING AROUND THE ENDS.
3. POST SPACING WITH FENCE SUPPORT MESH = 10 FT. (MAX.)
   POST SPACING WITHOUT FENCE SUPPORT MESH = 6 FT. (MAX.)
   POST SPACING WITH WOVEN GEOTEXTILE FABRIC = 8 FT. (MAX)
4. SILT FENCE SUPPORT MESH CONSISTS OF 14-GAUGE STEEL WIRE WITH A MESH SPACING OF 6 IN. X 6 IN. OR PREFABRICATED POLYMERIC MESH OF EQUIVALENT STRENGTH

5/15 SILT FENCE
NOT TO SCALE



1. MANHOLE WALL AND SLAB THICKNESSES ARE NOT TO SCALE.

2. CONTRACTOR TO CONFIRM RIM, PIPE INVERTS, PIPE DIA. AND PIPE ORIENTATION PRIOR TO RELEASE OF UNIT TO FABRICATION.

PRODUCT SPECIFICATION:

1. Peak Hydraulic Flow: 20.0 cfs (566 l/s)
2. Min Sediment Storage Capacity: 1.1 cu. yd. (0.8 cu. m.)
3. Maximum Inlet/Outlet Pipe Diameters: 24 in. (600 mm)
4. The treatment system shall use an induced vortex to separate pollutants from stormwater runoff.

4/15 STORM WATER TREATMENT DEVICE
NOT TO SCALE

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VILLAGE OF DEFOREST
DANE COUNTY, WISCONSIN

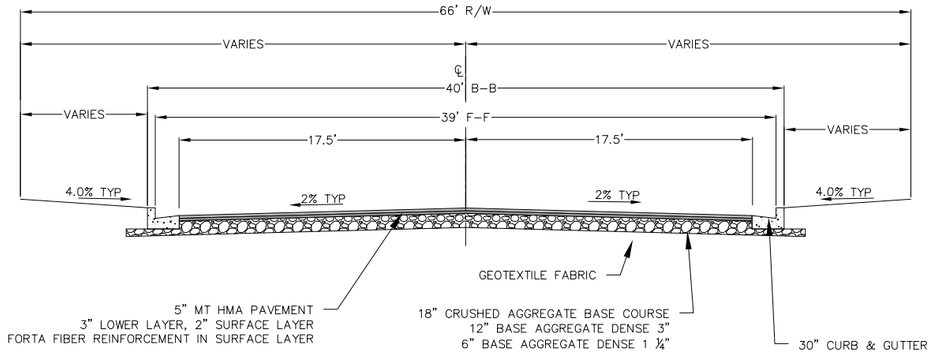
REVISIONS NO.	DATE	REMARKS

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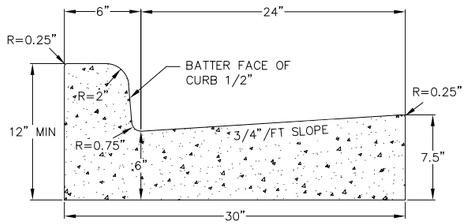
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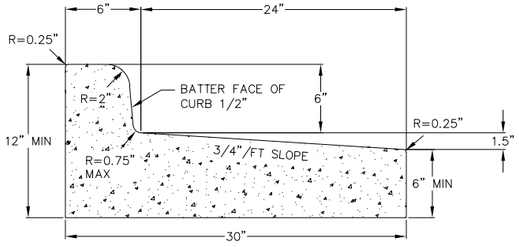
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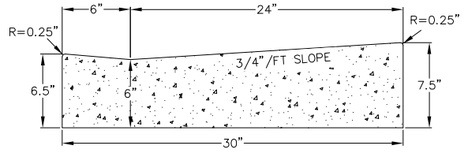
1/16 TYPICAL SECTION– 41' B–B
NOT TO SCALE



CURB AND GUTTER
CROSS SECTION

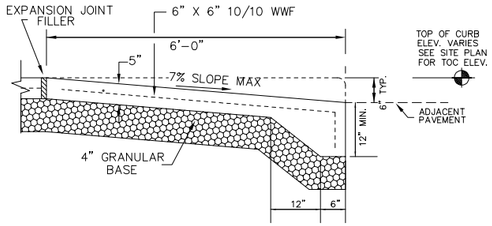


CURB AND GUTTER
REJECT SECTION

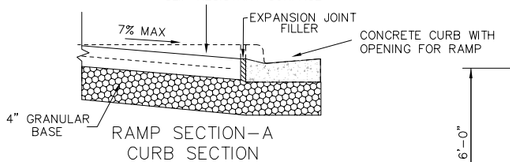


HANDICAP RAMP
GUTTER CROSS SECTION

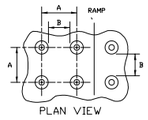
2/16 30" CONCRETE CURB AND GUTTER
NOT TO SCALE



RAMP SECTION–A
SIDEWALK / CURB COMBINATION



RAMP SECTION–A
CURB SECTION



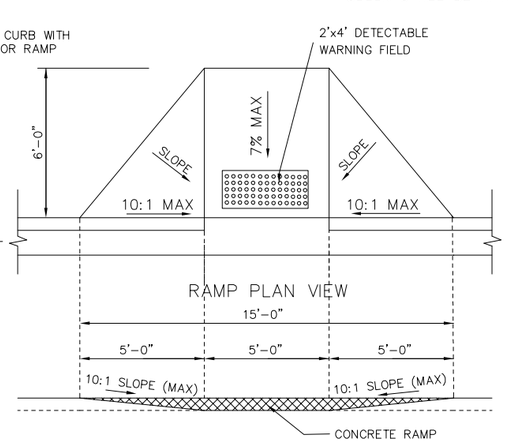
PLAN VIEW



ELEVATION VIEW

TRUNCATED DOMES
DETECTABLE WARNING PATTERN DETAIL

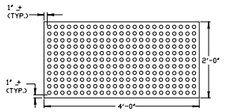
NOTE: 1) MATERIALS AND METHOD OF CONSTRUCTION FOR TRUNCATED DOMES SHALL BE SPECIFIED IN SPECIAL PROVISIONS OR AS REQUIRED BY THE VILLAGE ENGINEER
2) COLOR SHALL BE A DISSIMILAR COLOR FROM THE ADJACENT PAVED SURFACE AND APPROVED BY THE OWNER AND ENGINEER



RAMP PROFILE VIEW

3/16 CURB RAMP DETAIL
NOT TO SCALE

GENERAL NOTES
RAMPS SHALL BE BUILT AT 12:1 OR FLATTER. WHEN NECESSARY, THE SIDEWALK ELEVATION MAY BE LOWERED TO MEET THE HIGH POINT ON THE RAMP.



PLAN VIEW
DETECTABLE WARNING FIELD (TYPICAL)
MODEL: CAST-DWD
COLOR SHALL BE NATURAL

vierbicher planners engineers advisors

DETAILS
ACKER PARKWAY RECONSTRUCTION
VILLAGE OF DEFOREST
DANE COUNTY, WISCONSIN

REVISIONS			
NO.	DATE	REMARKS	

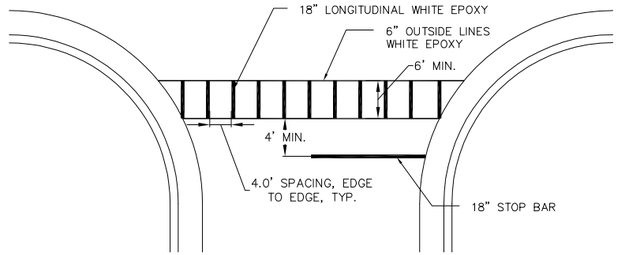
REVISIONS			
NO.	DATE	REMARKS	

DATE
FEBRUARY 2026
DRAFTER
JDEL
CHECKED
TBRA
PROJECT NO.
250801
SHEET
16 OF 18

14 Apr 2026 - 8:27a R:\DeForest, Village o\250801 - Acker Parkway Reconstruction\CADD\250801 - Acker Title - Notes - Details.dwg by: nade

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ACKER PARKWAY						
PLAN LABEL	WISDOT SIGN CODE	SIGN SIZE	COLOR	SIGN MESSAGE	QUANTITY	LOCATION
SS1	W1-2L R2-1	30"X30", 24"X30"	BACKGROUND – YELLOW, MESSAGE – BLACK BACKGROUND – WHITE, MESSAGE – BLACK	ROAD CURVES LEFT WITH SPEED LIMIT SIGN 25 MPH	1	STA: 11+30.4 OFF: 25.0'R
SS2	R1-1 D3-1	30"X30", 6"	BACKGROUND – RED, MESSAGE – WHITE BACKGROUND – GREEN, MESSAGE – WHITE	STOP SIGN WITH STREET NAME (SEMINOLE WAY & ACKER PARKWAY)	1	STA: 11+58.9 OFF: 36.7'L
SS3	R1-1 D3-1	30"X30", 6"	BACKGROUND – RED, MESSAGE – WHITE BACKGROUND – GREEN, MESSAGE – WHITE	STOP SIGN WITH STREET NAME (OLD INDIAN TRAIL & ACKER PARKWAY)	1	STA: 15+30.7 OFF: 37.3'L
SS4	W1-2	30"X30"	BACKGROUND – YELLOW, MESSAGE – BLACK	ROAD CURVES RIGHT	1	STA: 15+97.6 OFF: 24.6'L
SS5	R1-1 D3-1	30"X30", 6"	BACKGROUND – RED, MESSAGE – WHITE BACKGROUND – GREEN, MESSAGE – WHITE	STOP SIGN WITH STREET NAME (VALERIA DRIVE & ACKER PARKWAY)	1	STA: 24+56.9 OFF: 37.0'L
SS6	R2-1	24"X30"	BACKGROUND – WHITE, MESSAGE – BLACK	SPEED LIMIT SIGN 25 MPH	1	STA: 25+75.9 OFF: 25.0'L



1/17 CROSSWALK WITH STOP BAR
NOT TO SCALE

MATERIALS
ALL SIGNS SHALL BE IN CONFORMANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES 2009 SPECIFICATIONS (MUTCD) AND THE WISCONSIN SUPPLEMENT. ALL SIGNS MUST MEET THE MINIMUM SIGN REFLECTIVITY REQUIREMENTS. ALL SIGNS SHALL HAVE HIGH INTENSITY SHEETING.

THE FOLLOWING SIGNS SHALL BE REQUIRED:

SIGNPOSTS SHALL BE 2"x2" SQUARE TUBE TELESPAR SIGNPOSTS WITH 4 SIDED MOUNTING AND BREAKAWAY SYSTEM INCLUDING ALL MOUNTING HARDWARE. STREET NAME SIGN SHALL BE MOUNTED TO THE TOP OF THE STOP SIGN POST.

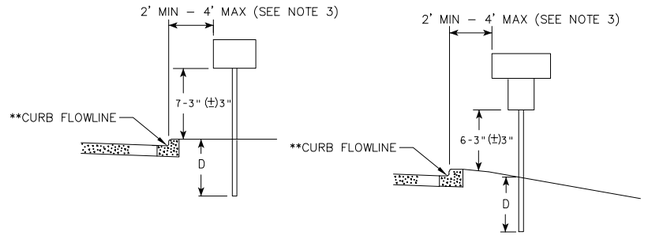
ALL SIGN POSTS AND SIGNS SHALL BE IN ACCORDANCE WITH SECTIONS 634 AND 637 OF THE STATE OF WISCONSIN STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION CURRENT EDITION.

CONSTRUCTION
SIGN INSTALLATION SHALL CONFIRM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES. THE BOTTOM OF THE SIGNS SHALL BE 7 FEET FROM THE GROUND. POSTS SHALL BE INSTALLED 3 FEET DEEP. SIGNS SHALL GENERALLY BE LOCATED 2 FEET OFF FROM THE FACE OF CURB.

PROVIDE SHOP DRAWINGS TO ENGINEER PRIOR TO ORDERING SIGNS.

ALL EXISTING SIGNS SHALL BE SALVAGED AND DELIVERED TO THE VILLAGE SHOP.

URBAN AREA



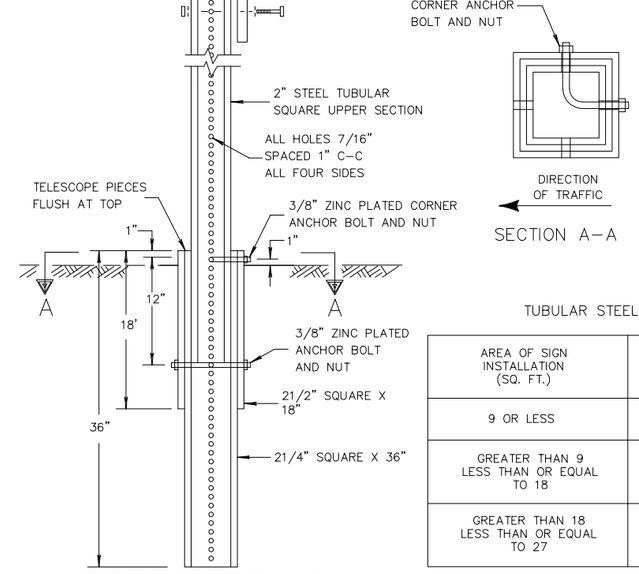
** THE EXISTENCE OF CURB AND GUTTER DOES NOT IN ITSELF MANDATE THE VERTICAL CLEARANCE ILLUSTRATED. THAT HEIGHT IS TYPICALLY MEASURED WHERE THERE IS SIDEWALK ADJACENT TO THE ROADWAY OR PARKING IS PERMITTED. IN THE ABSENCE OF SIDEWALK, VERTICAL CLEARANCE IS MEASURED FROM THE TOP OF CURB. OFFSET OF SIGNS IS MEASURED FROM THE FLOW LINE.

GENERAL NOTES
1. SIGNS WIDER THAN 4 FEET OR 20 SQ.FT OR LARGER, SHALL BE MOUNTED ON MULTIPLE POSTS.
2. MINIMUM MOUNTING HEIGHT FOR SIGNS MOUNTED ON TRAFFIC SIGNAL POLES IS 5'-3" (+/-) 3".
3. OFFSET DISTANCE SHALL BE CONSISTENT WITH EXISTING SIGNS OR CONSISTENT THROUGHOUT THE LENGTH OF PROJECT.

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

2/17 SIGN INSTALLATION
NOT TO SCALE



SECTION A–A

DETAIL OF TUBULAR STEEL SIGN POST

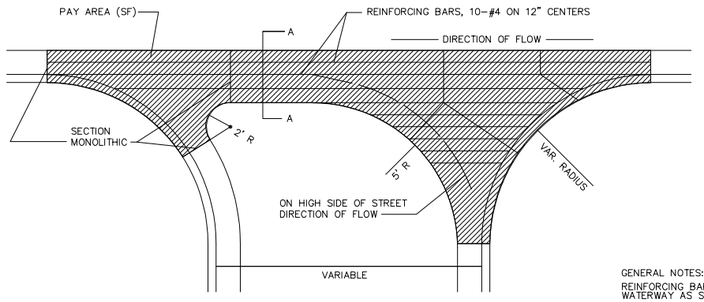
TUBULAR STEEL POSTS

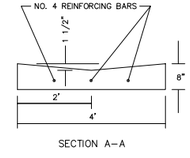
AREA OF SIGN INSTALLATION (SQ. FT.)	NUMBER OF REQUIRED TUBULAR STEEL POSTS
9 OR LESS	1
GREATER THAN 9 LESS THAN OR EQUAL TO 18	2
GREATER THAN 18 LESS THAN OR EQUAL TO 27	3

SIGNS LARGER THAN 27 SQ. FT. SHALL NOT BE MOUNTED ON TUBULAR STEEL POSTS.

SIGNS WIDER THAN 3 FEET OR LARGER THAN 9 SQ. FT. SHALL BE MOUNTED ON MULTIPLE POSTS (SEE ABOVE TABLE).

3/17 TUBULAR STEEL SIGN POST
NOT TO SCALE





SECTION A–A

GENERAL NOTES:
REINFORCING BARS SHALL BE EPOXY COATED AND INSTALLED IN THE SPECIAL WATERWAY AS SHOWN AND SHALL BE INCIDENTAL TO THE SPECIAL WATERWAY

4/17 CONCRETE WATER WAY
NOT TO SCALE

vierbicher planners engineers advisors

DETAILS
ACKER PARKWAY RECONSTRUCTION
VILLAGE OF DEFOREST
DANE COUNTY, WISCONSIN

REVISIONS
NO. DATE REMARKS

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14 Apr 2026 - 8:27a R:\DeForest, Village of\250801 - Acker Parkway Reconstruction\CADD\250801 - Acker Title - Notes - Details.dwg by: nade

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EROSION CONTROL MEASURES

1. EROSION CONTROL SHALL BE IN ACCORDANCE WITH THE VILLAGE OF DEFOREST EROSION CONTROL ORDINANCE AND CHAPTER NR 216 OF THE WISCONSIN ADMINISTRATIVE CODE.

2. CONSTRUCT AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES IN ACCORDANCE WITH WISCONSIN DNR TECHNICAL STANDARDS (http://dnr.wi.gov/runoff/stormwater/techstds.htm) AND WISCONSIN CONSTRUCTION SITE BEST MANAGEMENT PRACTICE HANDBOOK.

3. INSTALL SEDIMENT CONTROL PRACTICES (TRACKING PAD, PERIMETER SILT FENCE, SEDIMENT BASINS, ETC.) PRIOR TO INITIATING OTHER LAND DISTURBING CONSTRUCTION ACTIVITIES.

4. THE CONTRACTOR IS REQUIRED TO MAKE EROSION CONTROL INSPECTIONS AT THE END OF EACH WEEK AND WHEN 0.5 INCHES OF RAIN FALLS WITHIN 24 HOURS. INSPECTION REPORTS SHALL BE PREPARED AND FILED AS REQUIRED BY THE DNR AND CITY.. ALL MAINTENANCE WILL FOLLOW AN INSPECTION WITHIN 24 HOURS.

5. EROSION CONTROL IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ACCEPTANCE OF THIS PROJECT. EROSION CONTROL MEASURES AS SHOWN SHALL BE THE MINIMUM PRECAUTIONS THAT WILL BE ALLOWED. ADDITIONAL EROSION CONTROL MEASURES, AS REQUESTED IN WRITING BY THE STATE OR LOCAL INSPECTORS, OR THE DEVELOPER'S ENGINEER, SHALL BE INSTALLED WITHIN 24 HOURS.

6. A 3" CLEAR STONE ANTI TRACKING PAD SHALL BE INSTALLED AT THE END OF ROAD CONSTRUCTION LIMITS TO PREVENT SEDIMENT FROM BEING TRACKED ONTO THE ADJACENT PAVED PUBLIC ROADWAY. SEDIMENT ANTI TRACKING PAD SHALL CONFORM TO WisDNR TECHNICAL STANDARD 1057. SEDIMENT REACHING THE PUBLIC ROAD SHALL BE REMOVED BY STREET CLEANING (NOT HYDRAULIC FLUSHING) BEFORE THE END OF EACH WORK DAY.

7. CHANNELIZED RUNOFF: FROM ADJACENT AREAS PASSING THROUGH THE SITE SHALL BE DIVERTED AROUND DISTURBED AREAS.

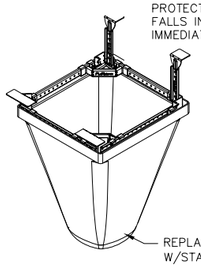
8. STABILIZED DISTURBED GROUND: ANY SOIL OR DIRT PILES WHICH WILL REMAIN IN EXISTENCE FOR MORE THAN 7-CONSECUTIVE DAYS, WHETHER TO BE WORKED DURING THAT PERIOD OR NOT, SHALL NOT BE LOCATED WITHIN 25-FEET OF ANY ROADWAY, PARKING LOT, PAVED AREA, OR DRAINAGE STRUCTURE OR CHANNEL (UNLESS INTENDED TO BE USED AS PART OF THE EROSION CONTROL MEASURES). TEMPORARY STABILIZATION AND CONTROL MEASURES (SEEDING, MULCHING, TARPING, EROSION MATTING, BARRIER FENCING, ETC.) ARE REQUIRED FOR THE PROTECTION OF DISTURBED AREAS AND SOIL PILES, WHICH WILL REMAIN UN-WORKED FOR A PERIOD OF MORE THAN 14-CONSECUTIVE CALENDAR DAYS. THESE MEASURES SHALL REMAIN IN PLACE UNTIL SITE HAS STABILIZED.

9. SITE DE-WATERING: WATER PUMPED FROM THE SITE SHALL BE TREATED BY TEMPORARY SEDIMENTATION BASINS OR OTHER APPROPRIATE CONTROL MEASURES. SEDIMENTATION BASINS SHALL HAVE A DEPTH OF AT LEAST 3 FEET, BE SURROUNDED BY SNOWFENCE OR EQUIVALENT BARRIER AND HAVE SUFFICIENT SURFACE AREA TO PROVIDE A SURFACE SETTLING RATE OF NO MORE THAN 750 GALLONS PER SQUARE FOOT PER DAY AT THE HIGHEST DEWATERING PUMPING RATE. WATER MAY NOT BE DISCHARGED IN A MANNER THAT CAUSES EROSION OF THE SITE, A NEIGHBORING SITE, OR THE BED OR BANKS OF THE RECEIVING WATER. POLYMERS MAY BE USED AS DIRECTED BY DNR TECHNICAL STANDARD 1061 (DE-WATERING).

INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER.

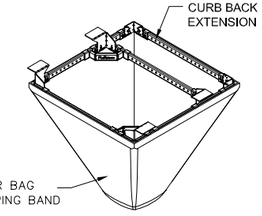
WHEN REMOVING OR MAINTAINING INLET PROTECTION, ANY TRAPPED MATERIAL THAT FALLS INTO THE INLET SHALL BE IMMEDIATELY REMOVED BY THE CONTRACTOR.

CONSTRUCTION SEQUENCE OF WORK
1. INSTALL TRACKING PAD PER DETAIL AT ALL ENTRANCES TO SITE
2. INSTALL SILT FENCE AT AREAS WHERE STORMWATER RUNOFF IS POSSIBLE
3. CONSTRUCT UNDERGROUND UTILITIES
4. CONSTRUCT STREET
5. RESTORE WORK AREA(S)
6. AFTER CONSTRUCTION SITE IS RESTORED – REMOVE SILT FENCE

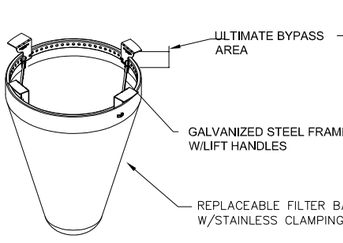


REPLACEABLE FILTER BAG W/STAINLESS CLAMPING BAND

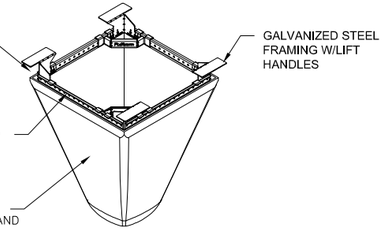
FLEXSTORM CATCH-IT INLET FITLERS FOR ROLLED CURB



FLEXSTORM CATCH-IT INLET FITLERS FOR CURB BOX OPENINGS (MAGNETIC CURB FLAP)



FLEXSTORM CATCH-IT INLET FILTERS FOR ROUND OPENINGS



FLEXSTORM CATCH-IT INLET FITLERS FOR SQUARE/RECTANGULAR OPENINGS

NEENAH CASTING	INLET TYPE	GRATE SIZE	OPENING SIZE	ADS P/N
1040/1642/1733	ROUND	26	24	62MRDFX
3067 W/FLAP	CURB BOX	35.25 X 17.75	33.0 X 15.0	62LCBEXTFX
3067 EXTENDED BACK	CURB BOX	35.25 X 17.75	33.0 X 15.0	62LCBEXTFX
3246A	CURB BOX	35.75 X 23.875	33.5 X 21.0	62LCBFX
3030	SQUARE/RECT	23 X 16	20.5 X 13.5	62MCBFX
3067-C	SQUARE/RECT	35.25 X 17.75	33 X 15	62LSQFX

1/18 FRAMED INLET PROTECTION
NOT TO SCALE

EROSION CONTROL MEASURES

1. SEE DETAIL SHEETS FOR RIP-RAP SIZING. IN NO CASE WILL RIP-RAP BE SMALLER THAN 3" TO 6".

2. INLET FILTERS ARE TO BE PLACED IN STORMWATER INLET STRUCTURES AS SOON AS THEY ARE INSTALLED. ALL PROJECT AREA STORM INLETS NEED WISCONSIN D.O.T. TYPE D INLET PROTECTION. THE FILTERS SHALL BE MAINTAINED UNTIL THE CITY HAS ACCEPTED THE BINDER COURSE OF ASPHALT.

3. TERRACES SHALL BE RESTORED WITH 6" TOPSOIL, PERMANENT SEED, FERTILIZER AND MULCH. LOTS SHALL BE RESTORED WITH 6" TOPSOIL, TEMPORARY SEED, FERTILIZER AND MULCH.

4. SEED, FERTILIZER AND MULCH SHALL BE APPLIED WITHIN 7 DAYS AFTER FINAL GRADE HAS BEEN ESTABLISHED. IF DISTURBED AREAS WILL NOT BE RESTORED IMMEDIATELY AFTER ROUGH GRADING, TEMPORARY SEED SHALL BE PLACED.

5. FOR THE FIRST SIX WEEKS AFTER RESTORATION (E.G. SEED & MULCH, EROSION MAT, SOD) OF A DISTURBED AREA, INCLUDE SUMMER WATERING PROVISIONS OF ALL NEWLY SEEDED AND MULCHED AREAS WHENEVER 7 DAYS ELAPSE WITHOUT A RAIN EVENT.

6. EROSION MAT (TYPE I CLASS A PER WISCONSIN D.O.T. P.A.L.) SHALL BE INSTALLED ON ALL SLOPES 3:1 OR GREATER BUT LESS THAN 1:1.

7. SEDIMENT SHALL BE CLEANED FROM CURB AND GUTTER AFTER EACH RAINFALL AND PRIOR TO PROJECT ACCEPTANCE.

8. ALL CONSTRUCTION ENTRANCES SHALL HAVE TEMPORARY ROAD CLOSED SIGNS THAT WILL BE IN PLACE WHEN THE ENTRANCE IS NOT IN USE AND AT THE END OF EACH DAY.

9. ANY PROPOSED CHANGES TO THE EROSION CONTROL PLAN MUST BE SUBMITTED AND APPROVED BY DANE COUNTY LAND CONSERVATION OR PERMITTING MUNICIPALITY.

10. THE VILLAGE MAY REQUIRE ADDITIONAL EROSION CONTROL MEASURES AT ANY TIME DURING CONSTRUCTION.

SEEDING RATES:

TEMPORARY:
1. USE ANNUAL OATS AT 3.0 LB./1,000 S.F. FOR SPRING AND SUMMER PLANTINGS.

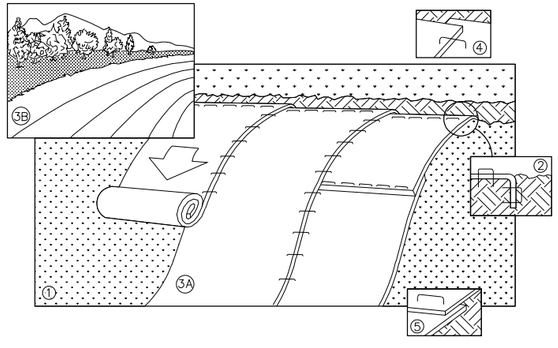
PERMANENT:
1. USE WISCONSIN D.O.T. SEED MIX #40 AT 2 LB./1,000 S.F.

FERTILIZING RATES:

TEMPORARY AND PERMANENT:
USE WISCONSIN D.O.T. TYPE A OR B AT 7 LB./1,000 S.F.

MULCHING RATES:

TEMPORARY AND PERMANENT:
USE ½" TO 1-½" STRAW OR HAY MULCH, CRIMPED PER SECTION 607.3.2.3, OR OTHER RATE AND METHOD PER SECTION 627, WISCONSIN D.O.T. STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION

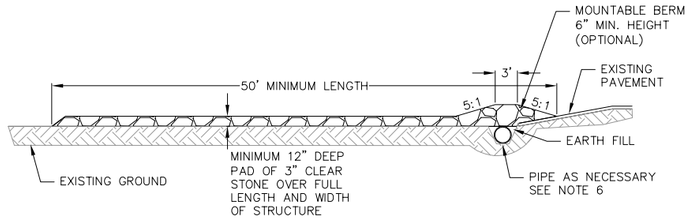


ALL EROSION MAT WILL BE DOT CLASS I, TYPE A W/ SEED AND FERTILIZER (BIODEGRADABLE). ALL STAPLES AND EROSION MAT MUST BE BIODEGRADABLE.

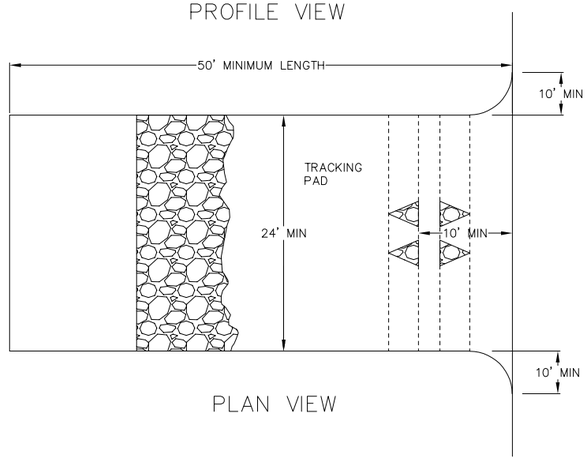
NOTE: REFER TO GENERAL STAPLE PATTERN GUIDE FOR CORRECT STAPLE PATTERN RECOMMENDATIONS FOR SLOPE INSTALLATIONS.

1. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING APPLICATION OF FERTILIZER AND SEED.
   NOTE: WHEN USING CELL-O-SEED, DO NOT SEED PREPARED AREA. CELL-O-SEED MUST BE INSTALLED WITH PAPER SIDE DOWN.
2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN 6" DEEP BY 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
3. ROLL THE BLANKETS <A.> DOWN, OR <B.> HORIZONTALLY ACROSS THE SLOPE.
4. THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2" OVERLAP.
5. WHEN BLANKETS MUST BE SPLICED DOWN THE SLOPE, PLACE BLANKETS END OVER END (SHINGLE STYLE) WITH APPROXIMATELY 4" OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" APART.
6. ALL BLANKETS MUST BE SECURELY FASTENED TO THE SLOPE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS RECOMMENDED BY THE MANUFACTURER.

2/18 EROSION MAT
NOT TO SCALE



PROFILE VIEW



PLAN VIEW

1. FOLLOW WISCONSIN DNR TECHNICAL STANDARD 1057 FOR FURTHER DETAILS AND INSTALLATION.

2. LENGTH – MINIMUM OF 50'.

3. WIDTH – 24' MINIMUM, SHOULD BE FLARED AT THE EXISTING ROAD TO PROVIDE A TURNING RADIUS.

4. ON SITES WITH A HIGH GROUND WATER TABLE OR WHERE SATURATED CONDITIONS EXIST, GEOTEXTILE FABRICSHALL BE PLACED OVER EXISTING GROUND PRIOR TO PLACING STONE. FABRIC SHALL BE WISDOT TYPE-HR GEOTEXTILE FABRIC.

5. STONE – CRUSHED 3" CLEAR STONE SHALL BE PLACED AT LEAST 12" DEEP OVER THE ENTIRE LENGTH AND WIDTH OF ENTRANCE.

6. SURFACE WATER – ALL SURFACE WATER FLOWING TO OR DIVERTED TOWARDS CONSTRUCTION ENTRANCES SHALL BE PIPED THROUGH THE ENTRANCE. MAINTAINING POSITIVE DRAINAGE. PIPE INSTALLED THROUGH THE STABILIZED CONSTRUCTION ENTRANCE SHALL BE PROTECTED WITH A MOUNTABLE BERM WITH 5:1 SLOPES AND MINIMUM OF 6" STONE OVER THE PIPE. PIPE SHALL BE SIZED ACCORDING TO THE DRAINAGE REQUIREMENTS. WHEN THE ENTRANCE IS LOCATED AT A HIGH SPOT AND HAS NO DRAINAGE TO CONVEY A PIPE SHALL NOT BE NECESSARY. THE MINIMUM PIPE DIAMETER SHALL BE 6". CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF SAID PIPE.

7. LOCATION – A STABILIZED CONSTRUCTION ENTRANCE SHALL BE LOCATED WHERE CONSTRUCTION TRAFFIC ENTERS AND/OR LEAVES THE CONSTRUCTION SITE. VEHICLES LEAVING THE SITE MUST TRAVEL OVER THE ENTIRE LENGTH OF THE TRACKING PAD.

3/18 TRACKING PAD
NOT TO SCALE

vierbicher planners engineers advisors

DETAILS
ACKER PARKWAY RECONSTRUCTION
VILLAGE OF DEFOREST
DANE COUNTY, WISCONSIN

REVISIONS
NO. | DATE | REMARKS

REVISIONS
NO. | DATE | REMARKS

DATE: FEBRUARY 2026
DRAFTER: JDEL
CHECKED: TBRA
PROJECT NO.: 250801
SHEET: 18 OF 18

14 Apr 2026 - 8:27a R:\DeForest, Village of\250801 - Acker Parkway Reconstruction\CADD\250801 - Acker Title - Notes - Details.dwg by: nade