

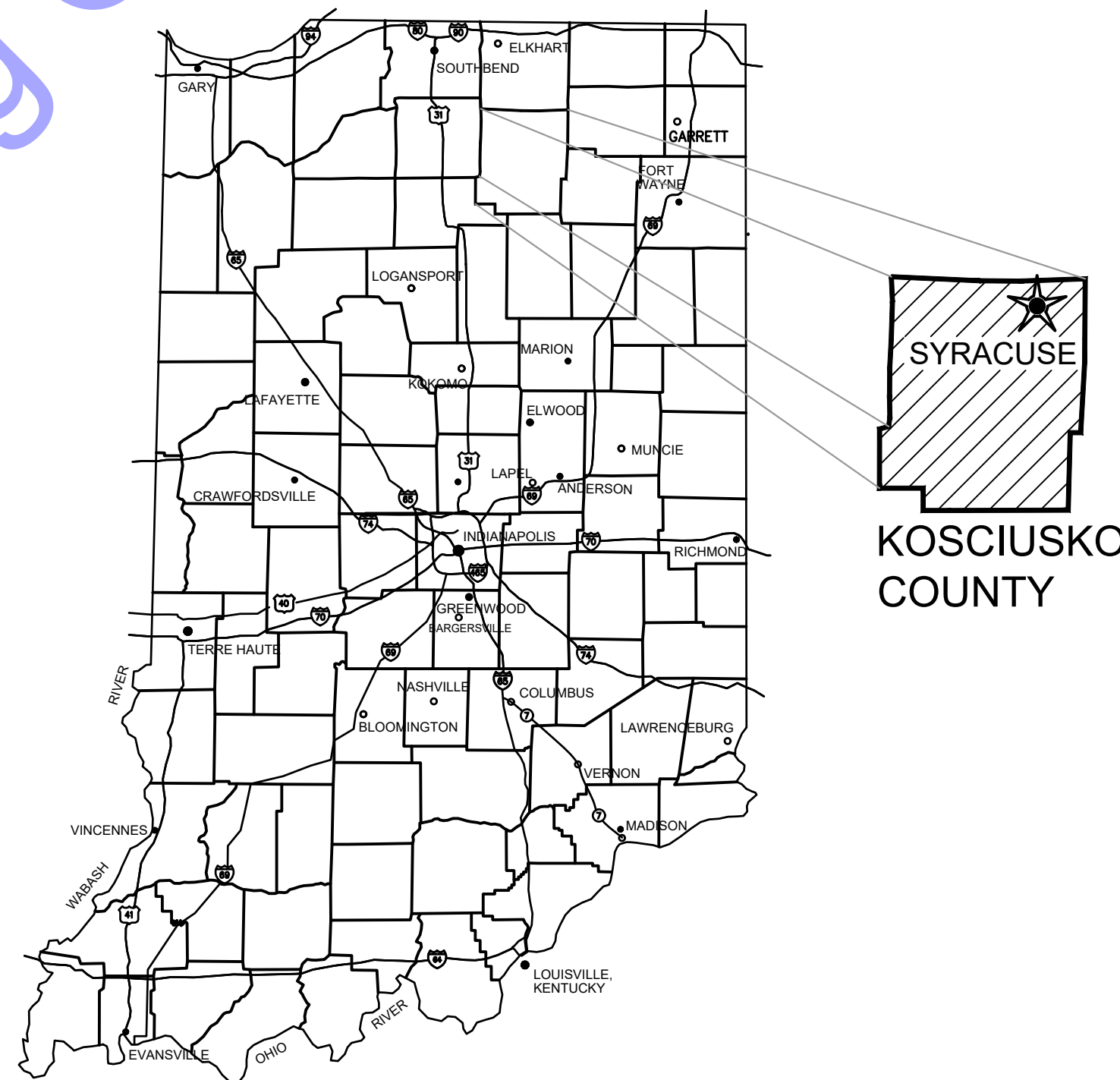
TOWN OF SYRACUSE KOSCIUSKO COUNTY, INDIANA

WATER UTILITY IMPROVEMENTS DIVISION "B" - NEW WATER MAIN AND SERVICE LINE REPLACEMENTS JUNE 2026

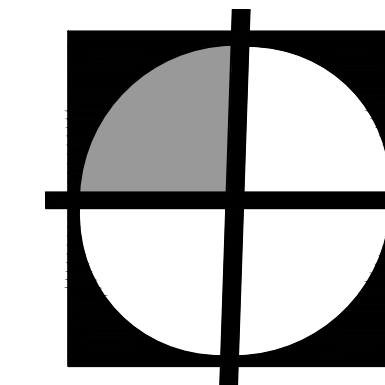
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MARK AURICH	PUBLIC WORKS SUPERINTENDENT
JAY RIGDON	TOWN ATTORNEY
DAVID WILKINSON	TOWN MANAGER



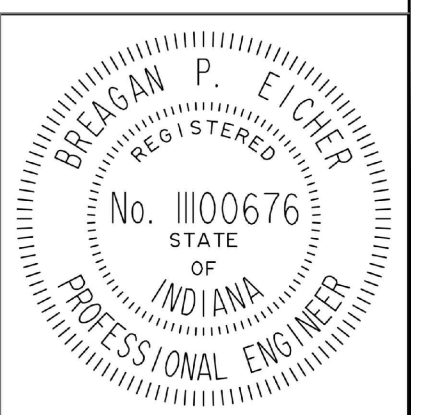
GENERAL LOCATION MAP



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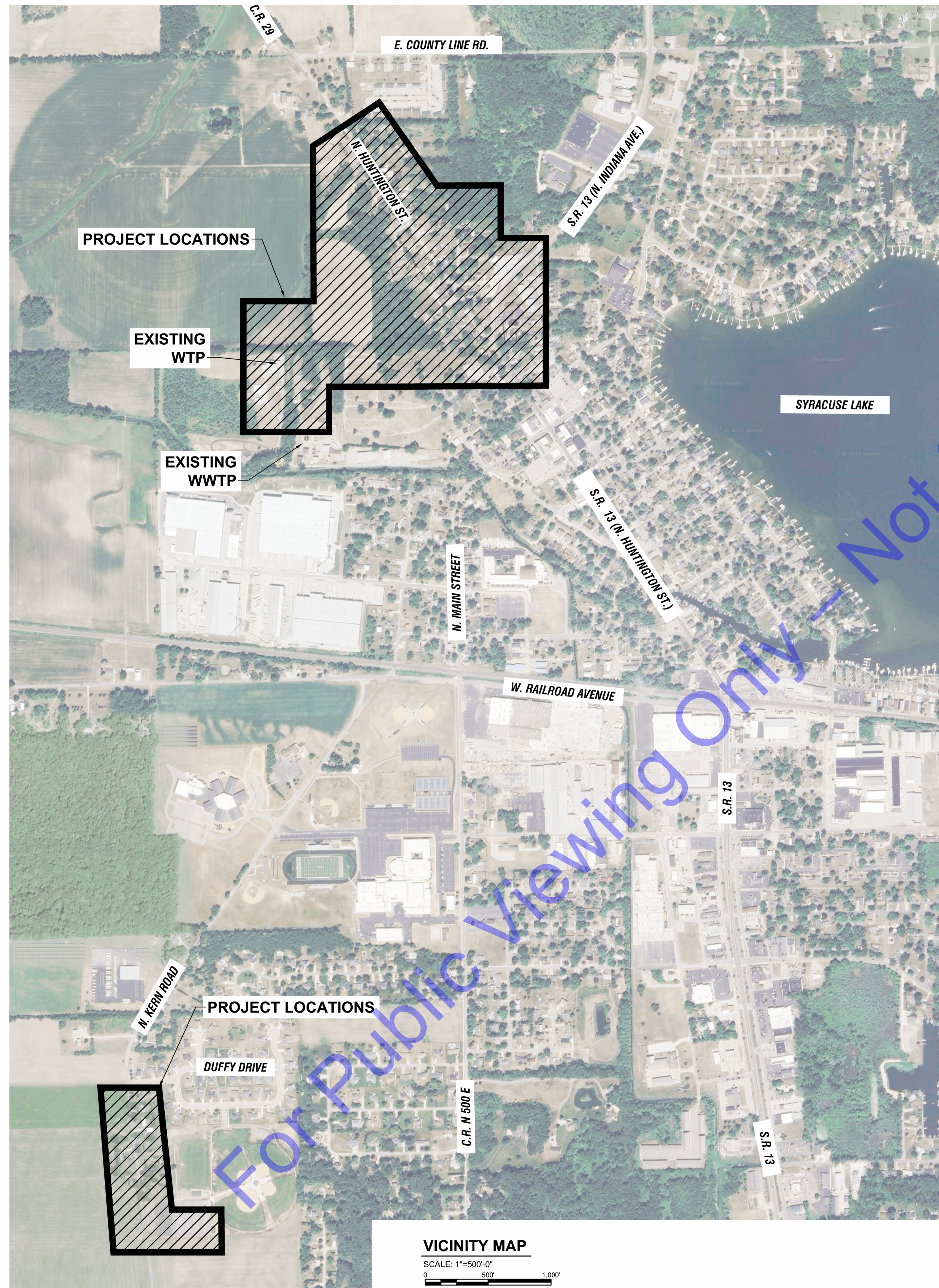
QA/QC BY : JEREMY HARDY, P.E. _____ 6/16/2026
DATE :

CERTIFIED BY : *Breagan P. Eicher* _____ 6/16/2026
BREAGAN P. EICHER, P.E. _____
INDIANA PE No. 11100676 DATE :



CONTRACT NO. : W25078

FILE: Z:\SHAREPOINT CLIENTS \2\Syracuse\2026\1 - WATER UTILITY\MPR\06\06\CADD\CURRENT FILES\DRAWING\DIVISION B\02 VICINITY MAP AND DRAWING SET INDEX\DWG
 Sheet: 01/02/026 128250 001 Project: 6/16/2026 12:53 PM Current User: Mark Hargrove Location: C:\Users\mha\Documents



VICINITY MAP
 SCALE: 1"=500'-0"
 0 500' 1,000'

SHEET SET INDEX		
SHEET NO.	DRAWING NO.	SHEET TITLE
GENERAL DRAWINGS		
01	G1	TITLE SHEET
02	G2	VICINITY MAP AND DRAWING SET INDEX
03	G3	GENERAL ABBREVIATIONS, LEGENDS, SYMBOLS, AND NOTES
04	G4	SURVEY DATA
DEMOLITION AND RESTORATION DRAWINGS		
05	DR-0	DEMOLITION AND RESTORATION PLAN VIEW DRAWING INDEX MAP
06	DR1-1	DEMOLITION AND RESTORATION PLAN VIEWS - LINE "W-1"
07	DR1-2	DEMOLITION AND RESTORATION PLAN VIEWS - LINE "W-1"
08	DR1-3	DEMOLITION AND RESTORATION PLAN VIEW - LINE "W-1"
09	DR2-1	DEMOLITION AND RESTORATION PLAN VIEWS - LINE "W-2"
10	DR2-2	DEMOLITION AND RESTORATION PLAN VIEWS - LINE "W-2"
11	DR3	DEMOLITION AND RESTORATION PLAN VIEW - LINE "W-3"
12	DR4	DEMOLITION AND RESTORATION PLAN VIEW - LINE "W-4"
CIVIL DRAWINGS		
13	C-01	PLAN LATERAL RECONNECTION DRAWING INDEX MAP
14	C1-1	PLAN VIEWS - N. HUNTINGTON ST.
15	C1-2	PLAN VIEWS - N. HUNTINGTON ST.
16	C2	PLAN VIEWS - N. MULLEN ST.
17	C3	PLAN VIEW - ALLEN ST.
18	C4	PLAN VIEW - E. WOOD ST.
19	C5	PLAN VIEW - BRANCH ST.
20	C6-1	PLAN VIEW - HIGH ST. AND WASHINGTON ST.
21	C6-2	PLAN VIEW - HIGH ST. AND WASHINGTON ST.
22	C6-3	PLAN VIEW - MILL ST.
23	C-02	PLAN AND PROFILE DRAWING INDEX MAP
24	C7-1	PLAN AND PROFILE VIEWS - LINE "W-1"
25	C7-2	PLAN AND PROFILE VIEWS - LINE "W-1"
26	C7-3	PLAN AND PROFILE VIEWS - LINE "W-1"
27	C7-4	PLAN AND PROFILE VIEWS - LINE "W-1"
28	C7-5	PLAN AND PROFILE VIEWS - LINE "W-1"
29	C8-1	PLAN AND PROFILE VIEWS - LINE "W-2"
30	C8-2	PLAN AND PROFILE VIEWS - LINE "W-2"
31	C8-3	PLAN AND PROFILE VIEWS - LINE "W-2"
32	C8-4	PLAN AND PROFILE VIEWS - LINE "W-2"
33	C9	PLAN AND PROFILE VIEWS - LINE "W-3"
34	C10	PLAN VIEW - N. HUNTINGTON ST.
MISCELLANEOUS DETAILS		
35	MD1	MISCELLANEOUS DETAILS
36	MD2	MISCELLANEOUS DETAILS
37	MD3	MISCELLANEOUS DETAILS
38	MD4	MISCELLANEOUS DETAILS
EROSION CONTROL DRAWINGS		
39	EC-0	EROSION CONTROL PLAN VIEW DRAWING INDEX MAP
40	EC1-1	EROSION CONTROL PLAN VIEWS - LINE "W-1"
41	EC1-2	EROSION CONTROL PLAN VIEWS - LINE "W-1"
42	EC1-3	EROSION CONTROL PLAN VIEW - LINE "W-1"
43	EC2-1	EROSION CONTROL PLAN VIEWS - LINE "W-2"
44	EC2-2	EROSION CONTROL PLAN VIEW - LINE "W-2"
45	EC3	EROSION CONTROL PLAN VIEW - LINE "W-3"
46	EC4	EROSION CONTROL DETAILS
TRAFFIC CONTROL DRAWINGS		
47	MOT1	KERN RD DETOUR PLAN



Professional Engineer Seal:
 BIPERKAM P. E. C.E.P.R.
 No. 1100676
 STATE OF INDIANA
 PROFESSIONAL ENGINEER
 Signature: [Signature] Date: 6/16/2026

TOWN OF SYRACUSE
 KOSCIUSKO COUNTY, INDIANA
 NEW WATER MAIN AND SERVICE LINE
 REPLACEMENTS - DIVISION "B"

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Date	By	Submitted / Revision

Designed By: BPE Drawn By: KJG Checked By: JDH
 Issue Date: 6/16/2026 Project No: W25078 Scale: AS SHOWN

VICINITY MAP AND DRAWING SET INDEX
 Drawing No: **G2**
 Sheet: 02 OF 47

File: Z:\INTEGRATED\CLIENTS\N2\SURVEYS\N2628\WATER\UTILITY\IMPROV\CS06\CA\AL\CURRENT FILES\DRINKING\DIVISION\B04-SURVEY\DATA.DWG
 Sheet: 6/17/2026 10:33:03 AM File: 6/17/2026 10:33:11 AM. Current User: Mark_Hudgum\mark_hudgum@cs06.com



PLAN VIEW
 SCALE: 1"=500'-0"
 0 500' 1,000'



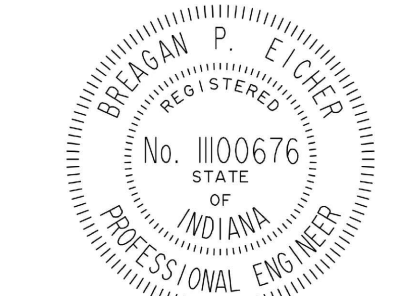
CONTROL POINT INFORMATION			
IDENTIFIER	NORTHING	EASTING	DESCRIPTION
CP-1	2245076.37	301214.31	CP
CP-150	2253056.12	302962.69	CP /CAPRBR
CP-151	2252385.43	303468.03	CP /CAPRBR
CP-152	2251925.39	303738.83	CP /CAPRBR
CP-153	2250771.02	303793.93	CP /CAPRBR
CP-154	2250881.51	303927.85	CP /CAPRBR
CP-4541	2252436.04	303772.86	CP /TEMP
CP-5409	2244805.88	301238.89	MH
CP-5410	2245203.47	301192.26	MH
CP-5411	2245600.07	301145.02	MH
CP-5412	2245598.25	301121.64	MH
CP-5413	2245674.75	301136.56	MH
CP-5414	2245676.62	301158.27	MH /CHECK
CP-21001	2244688.63	301475.68	HCV MAG NAIL BFA-FIRM TOP S. EDGE LP BASE, W. SIDE OF PRKG LOT
CP-21002	2244472.99	301736.63	HCV MAG NAIL BFA-FIRM TOP S. EDGE LP BASE, S.E. SIDE OF PRKG LOT

TEMPORARY BENCHMARK INFORMATION		
IDENTIFIER	ELEVATION	DESCRIPTION
TBM-5404	871.38	TBM - CUT "X" NE BONNET BOLT TOP FLANGE F. HYD
TBM-201203	896.57	BM CHISEL X NW BB FH

Project coordinates are based on the following:
HORIZONTAL- US State plane coordinates: NAD83 (North American Datum) Indiana East Zone (1301)
VERTICAL- USGS 1988 NAVD (North American Vertical Datum)-per GPS observations (Not verified by physical location of published USGS monuments)



**KERN ROAD
 DETAIL "A"**
 SCALE: 1"=150'-0"
 0 150' 300'



Signature: Brijeshan P. E. Chatterjee Date: 6/16/2026

TOWN OF SYRACUSE
 KOSCIUSKO COUNTY, INDIANA
 NEW WATER MAIN AND SERVICE LINE
 REPLACEMENTS - DIVISION "B"

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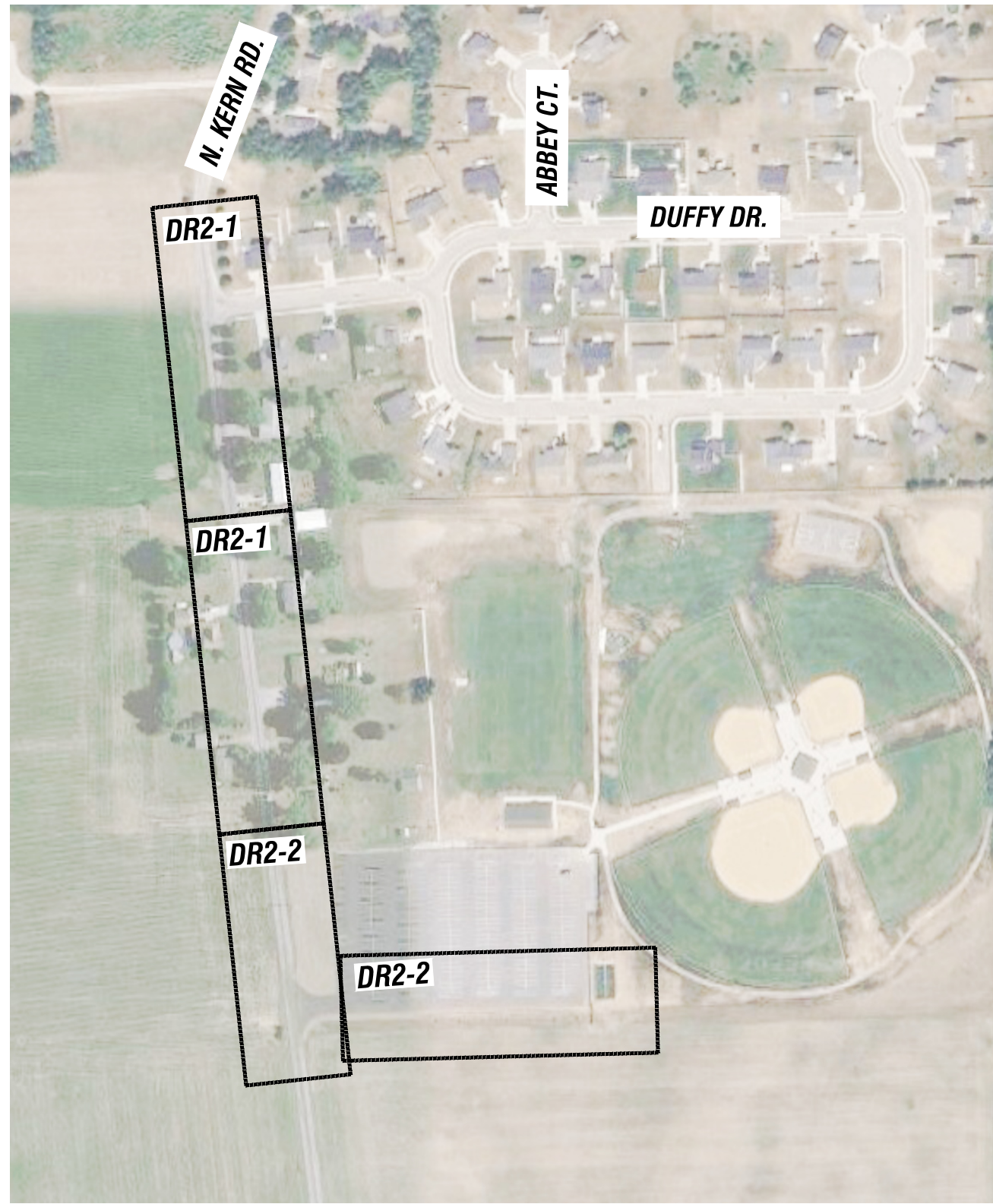
Date	By	Submitted / Revision

Designed By: BPE	Drawn By: KJG	Checked By: JDH
Issue Date: 6/16/2026	Project No: W25078	Scale: AS SHOWN

SURVEY DATA

 Drawing No:
G4
 Sheet: 04 OF 47

FILE: Z:\SHARED\CLIENTS\N. SYRACUSE\5078 - WATER UTILITY IMPROVEMENTS\CADD\CURRENT FILES\DRAWINGS\DIVISION B\DEMOLITION AND RESTORATION\PLAN VIEW DRAWING INDEX.MXD
 Sheet: 5/27/2026 1:24:52 PM Project: 6/17/2026 10:33:36 AM Content User: Mark Kubergan LastSavedBy: mhg



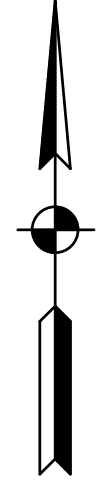
PLAN VIEW

SCALE: 1"=250'-0"
 0 250' 500'



PLAN VIEW

SCALE: 1"=250'-0"
 0 250' 500'



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BRIEGAN P. E. CHUR
 REGISTERED
 No. 1100676
 STATE OF INDIANA
 PROFESSIONAL ENGINEER

Signature: *Briegan P. Church* Date: 6/16/2026

TOWN OF SYRACUSE
 KOSCIUSKO COUNTY, INDIANA

NEW WATER MAIN AND SERVICE LINE
 REPLACEMENTS - DIVISION "B"

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No.	Submittal / Revision	By	Date

Designed By: BPE Drawn By: KJG Checked By: JDH
 Issue Date: 6/16/2026 Project No: W25078 Scale: AS SHOWN

DEMOLITION AND RESTORATION PLAN VIEW DRAWING INDEX MAP

Drawing No:
DR-0
 Sheet: 05 OF 47

GENERAL NOTES:
 1. DRAWING NUMBER REFERS TO DEMOLITION AND RESTORATION DRAWINGS

FILE Z:\GARDEN IN CLIENTS\M3\SYPRA\DWG\2026\WATER UTILITY IMPROVEMENTS\CAD\CURRENT FILES\DEMOLITION AND RESTORATION\PLAN VIEW - LINE "W-1".DWG
 Sheet: 07 OF 08 8:48:52 AM Friday, 6/17/2026 10:42:47 AM Current User: Mark Johnson (arkjohn@commonwealthengineers.com)

DOWTY, LARRY D. 3/8 &
 EDWARD J. DOWTY 3/8 & RITA
 J. CURRIER-ULTZ 2/8 TIC
 43-04-06-400-009.000-025
 HUNTINGTON ST.

DOWTY, LARRY D. 3/8 & EDWARD
 J. DOWTY 3/8 & RITA J.
 CURRIER-ULTZ 2/8 TIC
 43-04-06-100-021.000-026

TOWN OF SYRACUSE
 43-04-06-200-180.000-026
 CONRAD ST.

SYRACUSE CEMETERY
 ASSOCIATION INC.
 43-04-06-200-183.000-026
 907 N. MILL ST.

FOR CONTINUATION SEE DWG DR1-1

FOR CONTINUATION SEE THIS SHEET

LINE "W-1"
 (SEE DWG. C7-3)

PLAN VIEW - LINE "W-1"

SCALE: 1"=20'-0"
 0 20' 40'

AREA OF ANTICIPATED
 TREE CLEARING
 (AS REQUIRED,
 CONTRACTOR TO PLACE
 LOGS 6" AND GREATER
 ALONG FENCELINE FOR
 PROPERTY OWNER)

NEW TEMPORARY 15' WIDE CONSTRUCTION EASEMENT

NEW PERMANENT 20' WIDE WATER UTILITY EASEMENT

FOR CONTINUATION SEE THIS SHEET

FOR CONTINUATION SEE DWG DR1-3

DOWTY, LARRY D. 3/8 & EDWARD
 J. DOWTY 3/8 & RITA J.
 CURRIER-ULTZ 2/8 TIC
 43-04-06-100-021.000-026

LOUGHREY, ADAM
 CHARLES & SARAH
 43-04-06-100-161.000-026
 205 W. ALLEN ST.

TOWN OF SYRACUSE
 43-04-06-200.000-026

LINE "W-1"
 (SEE DWG. C7-4)

SYRACUSE CEMETERY
 ASSOCIATION INC.
 43-04-06-200-183.000-026
 907 N. MILL ST.

BARNHART, LEE F. & JANICE L.
 43-04-06-100-163.000-026
 1005 N. HUNTINGTON ST.

PLAN VIEW - LINE "W-1"

SCALE: 1"=20'-0"
 0 20' 40'

DEMOLITION AND RESTORATION KEYNOTES:

- 1 REMOVE ASPHALT PAVEMENT, TRENCH RESTORATION, AGGREGATE BASE AND ASPHALT BASE REPLACEMENT - STANDARD DUTY (SEE DETAIL, DWG. MD1).
- 2 REMOVE AND REPLACE CONCRETE PAVEMENT DRIVEWAY (SEE DETAIL, DWG. MD1).
- 3 REMOVE AND REPLACE STONE DRIVE (SEE DETAIL, DWG. MD1).
- 4 MILL (2-INCH) EXISTING ASPHALT PAVEMENT AND RESURFACE ASPHALT PAVEMENT (2-INCH) (SEE DETAIL, DWG. MD1).
- 5 REMOVE AND REPLACE CONCRETE SIDEWALK (SEE DETAIL, DWG. MD1).
- 6 CONTRACTOR SHALL PROVIDE FINAL GRADING AND SEEDING FOR ALL GRASSED AREAS DISTURBED DURING CONSTRUCTION TO EQUAL OR BETTER CONDITION AS APPROVED BY OWNER.

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BRIEGAN P. E. CHUR
 REGISTERED PROFESSIONAL ENGINEER
 No. 1100676
 STATE OF INDIANA
 PROFESSIONAL ENGINEER

Signature: *Briegan P. E. Chur* Date: 6/16/2026

TOWN OF SYRACUSE
 KOSCIUSKO COUNTY, INDIANA
 NEW WATER MAIN AND SERVICE LINE
 REPLACEMENTS - DIVISION "B"

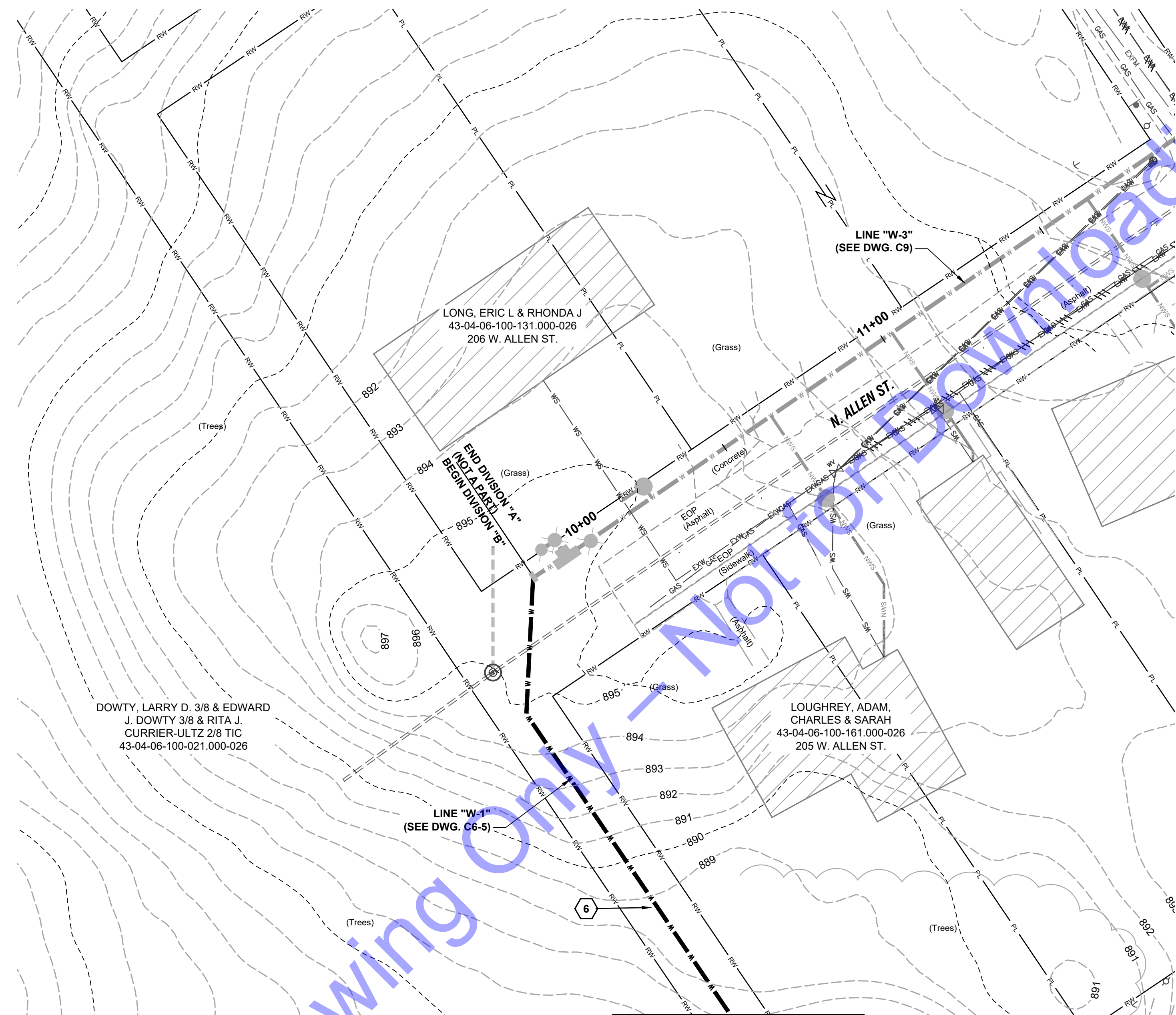
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No.	Submittal / Revision	Date	By

Designed By:	BPE	Drawn By:	KJG	Checked By:	JDH
Issue Date:	6/16/2026	Project No:	W25078	Scale:	AS SHOWN

DEMOLITION AND RESTORATION PLAN VIEWS - LINE "W-1"

Drawing No:
DR1-2
 Sheet: 07 OF 47



PLAN VIEW - LINE "W-1"

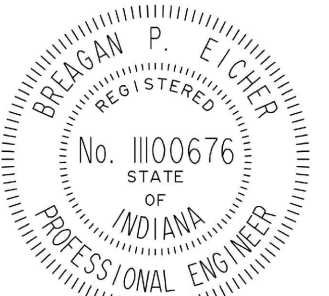
SCALE: 1"=20'-0"
 0 20' 40'

FOR CONTINUATION SEE DWG DR1-2

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DEMOLITION AND RESTORATION KEYNOTES:

- | | |
|---|--|
| 1 REMOVE ASPHALT PAVEMENT, TRENCH RESTORATION, AGGREGATE BASE AND ASPHALT BASE REPLACEMENT - STANDARD DUTY (SEE DETAIL, DWG. MD1). | 4 MILL (2-INCH) EXISTING ASPHALT PAVEMENT AND RESURFACE ASPHALT PAVEMENT (2-INCH) (SEE DETAIL, DWG MD1). |
| 2 REMOVE AND REPLACE CONCRETE PAVEMENT DRIVEWAY (SEE DETAIL, DWG. MD1). | 5 REMOVE AND REPLACE CONCRETE SIDEWALK (SEE DETAIL, DWG. MD1). |
| 3 REMOVE AND REPLACE STONE DRIVE (SEE DETAIL, DWG. MD1). | 6 CONTRACTOR SHALL PROVIDE FINAL GRADING AND SEEDING FOR ALL GRASSED AREAS DISTURBED DURING CONSTRUCTION TO EQUAL OR BETTER CONDITION AS APPROVED BY OWNER. |



Biregan P. Chir 6/16/2026
 Signature Date

TOWN OF SYRACUSE
 KOSCIUSKO COUNTY, INDIANA
 NEW WATER MAIN AND SERVICE LINE REPLACEMENTS - DIVISION "B"

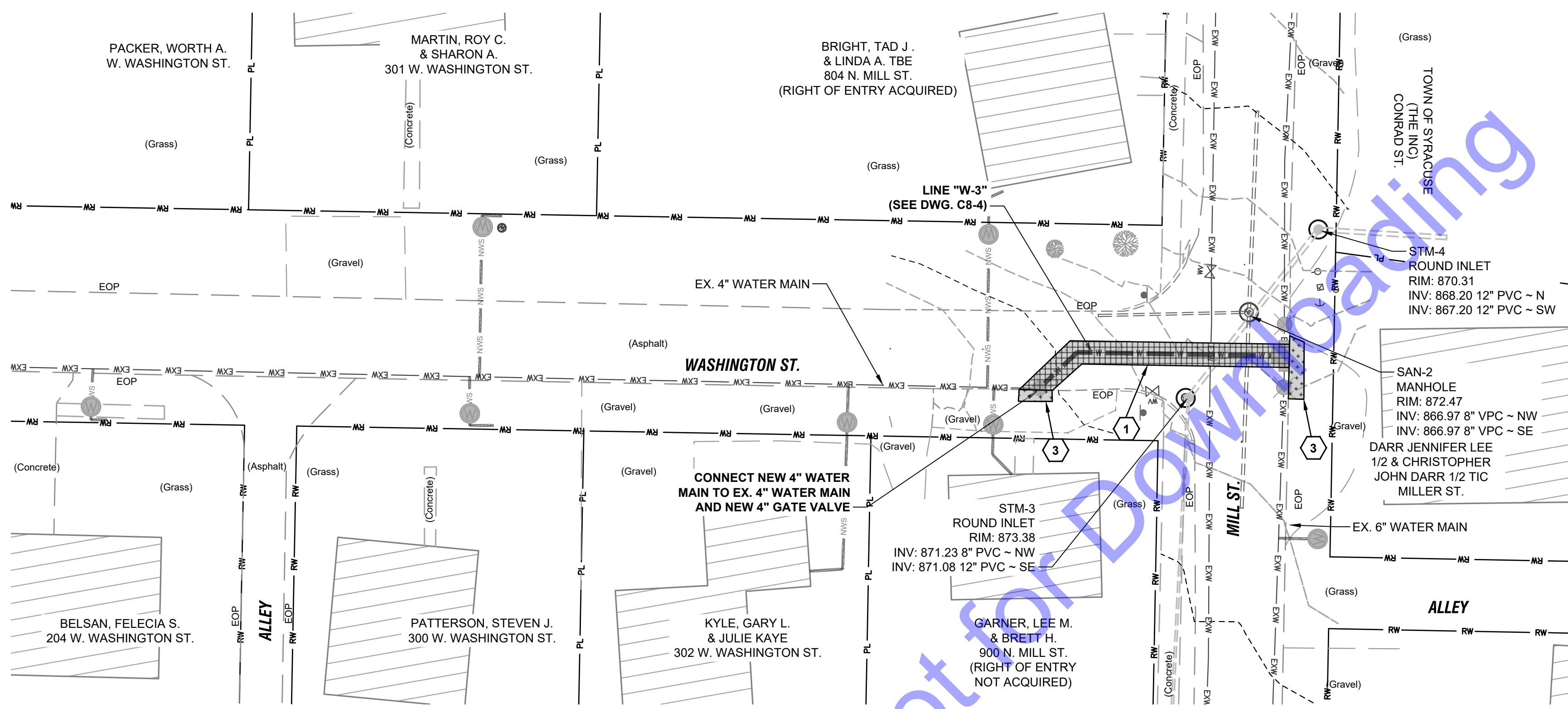
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No.	Submittal / Revision	Date	By

Designed By: BPE Drawn By: KJG Checked By: JDH
 Issue Date: 6/16/2026 Project No: W25078 Scale: AS SHOWN

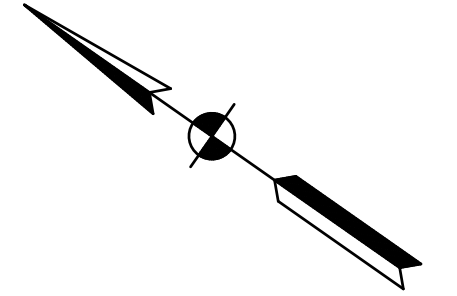
DEMOLITION AND RESTORATION PLAN VIEW - LINE "W-1"

Drawing No:
DR1-3
 Sheet: 08 OF 47



PLAN VIEW - LINE "W-3"

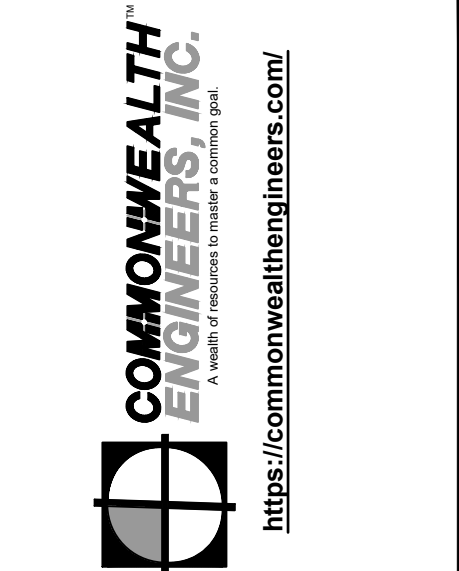
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DEMOLITION AND RESTORATION KEYNOTES:

- 1 REMOVE ASPHALT PAVEMENT, TRENCH RESTORATION, AGGREGATE BASE AND ASPHALT BASE REPLACEMENT - STANDARD DUTY (SEE DETAIL, DWG. MD1).
- 2 REMOVE AND REPLACE CONCRETE PAVEMENT DRIVEWAY (SEE DETAIL, DWG. MD1).
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- 6 CONTRACTOR SHALL PROVIDE FINAL GRADING AND SEEDING FOR ALL GRASSED AREAS DISTURBED DURING CONSTRUCTION TO EQUAL OR BETTER CONDITION AS APPROVED BY OWNER.

File: Z:\SHARED\CLIENTS\NYS\PROJECTS\2026\WATER UTILITY IMPROVEMENTS\CADA\CURRENT FILES\DRAWINGS\DIVISION BUREAU\DEMOLITION AND RESTORATION\PLAN VIEWS - LINE "W-3".DWG
 Sheet: 6/17/2026 9:00:32 AM Plotted: 6/17/2026 10:42:33 AM Current User: Mark Halpin mark.halpin@nyc.gov



Signature: *Bregan P. Echer* Date: 6/16/2026

TOWN OF SYRACUSE
 KOSCIUSKO COUNTY, INDIANA
 NEW WATER MAIN AND SERVICE LINE
 REPLACEMENTS - DIVISION "B"

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No.	Submittal / Revision	By	Date

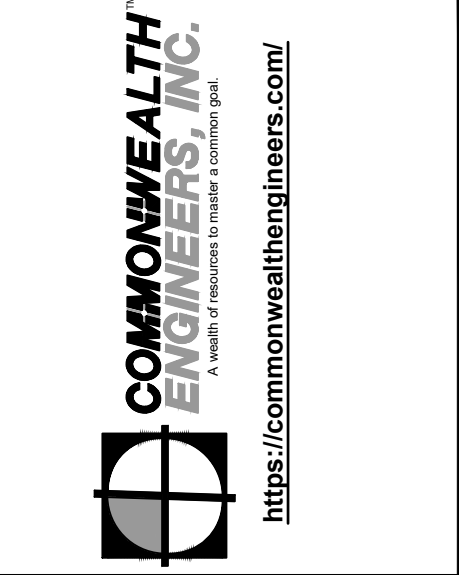
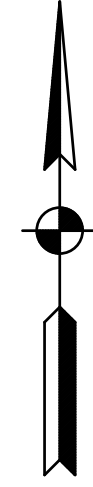
Designed By: BPE	Drawn By: KJG	Checked By: JDH
Issue Date: 6/16/2026	Project No: W25078	Scale: AS SHOWN

DEMOLITION AND RESTORATION PLAN VIEW - LINE "W-3"

Drawing No:
DR3
 Sheet: 11 OF 47



PLAN VIEW
SCALE: 1"=200'-0"
0 200' 400'



BREKLAN P. ECHER
REGISTERED PROFESSIONAL ENGINEER
No. 1100676
STATE OF INDIANA
Signature: *Breklan P. Echer* Date: 6/16/2026

TOWN OF SYRACUSE
KOSCIUSKO COUNTY, INDIANA
NEW WATER MAIN AND SERVICE LINE
REPLACEMENTS - DIVISION "B"

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Date	By	Submittal / Revision

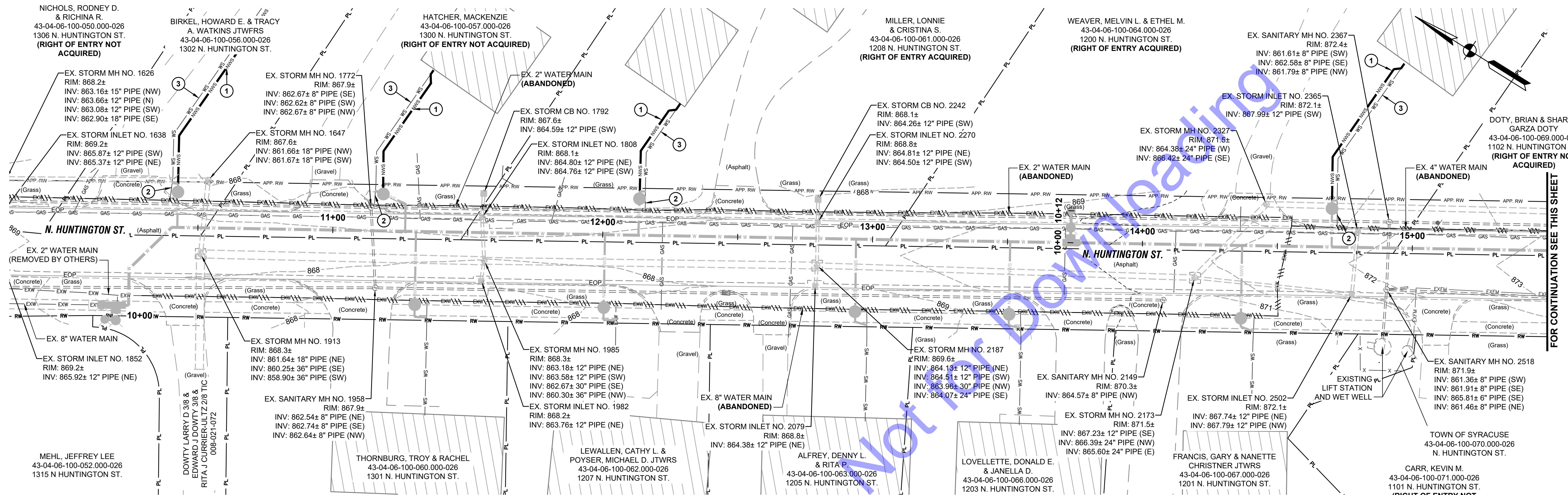
Designed By: BPE Drawn By: KJG Checked By: JDH
Issue Date: 6/16/2026 Project No: W25078 Scale: AS SHOWN

PLAN LATERAL RECONNECTION DRAWING INDEX MAP

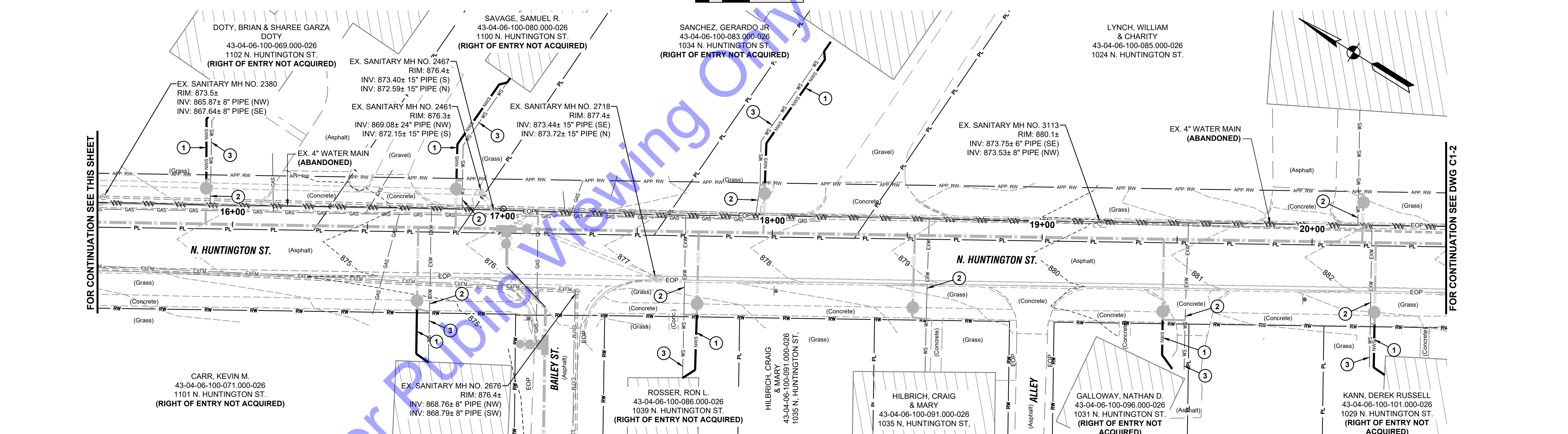
Drawing No:
C-01
Sheet: 13 OF 47

GENERAL NOTES:
1. DRAWING NUMBER REFERS TO PLAN AND PLAN LATERAL RECONNECTION DRAWING INDEX

FILE: Z:\SHARED\IN\CLIENTS\NYS\PROJECTS\2018\WATER\UTILITY IMPROVEMENTS\DWG\CURRENT FILES\DRINKING DIVISION\BRPLAN VIEW - N. HUNTINGTON ST. DWG
 Sheet: 6/16/2026 11:02:38 AM Project: 6/16/2026 10:41:44 AM Current User: Mark Johnson (markjohn@commonwealthinc.com)



PLAN VIEW
 SCALE: 1"=20'-0"
 0 20' 40'



PLAN VIEW
 SCALE: 1"=20'-0"
 0 20' 40'

- IMPROVEMENTS KEYNOTES:**
- ① NEW 1" WATER SERVICE LINE
 - ② EXISTING SERVICE LINE ABANDONED FROM MAIN TO RIGHT OF WAY
 - ③ ABANDON EXISTING SERVICE LINE FROM RIGHT OF WAY TO HOUSE
- GENERAL NOTES:**
- 1. WATER MAINS, SERVICE LINES AND APPURTENANCES (AS SHOWN IN GRAY) ARE PART OF THE DIVISION A CONTRACT AND ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY
 - 2. ALL METER PITS SHALL BE PLACED WITHIN 2' INSIDE THE RIGHT OF WAY

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BRIAN P. E. CHAPMAN
 REGISTERED PROFESSIONAL ENGINEER
 No. 1100676
 STATE OF INDIANA
 PROFESSIONAL ENGINEER

Signature: *Brian P. Chapman* Date: 6/16/2026

TOWN OF SYRACUSE
 KOSCIUSKO COUNTY, INDIANA
 NEW WATER MAIN AND SERVICE LINE REPLACEMENTS - DIVISION "B"

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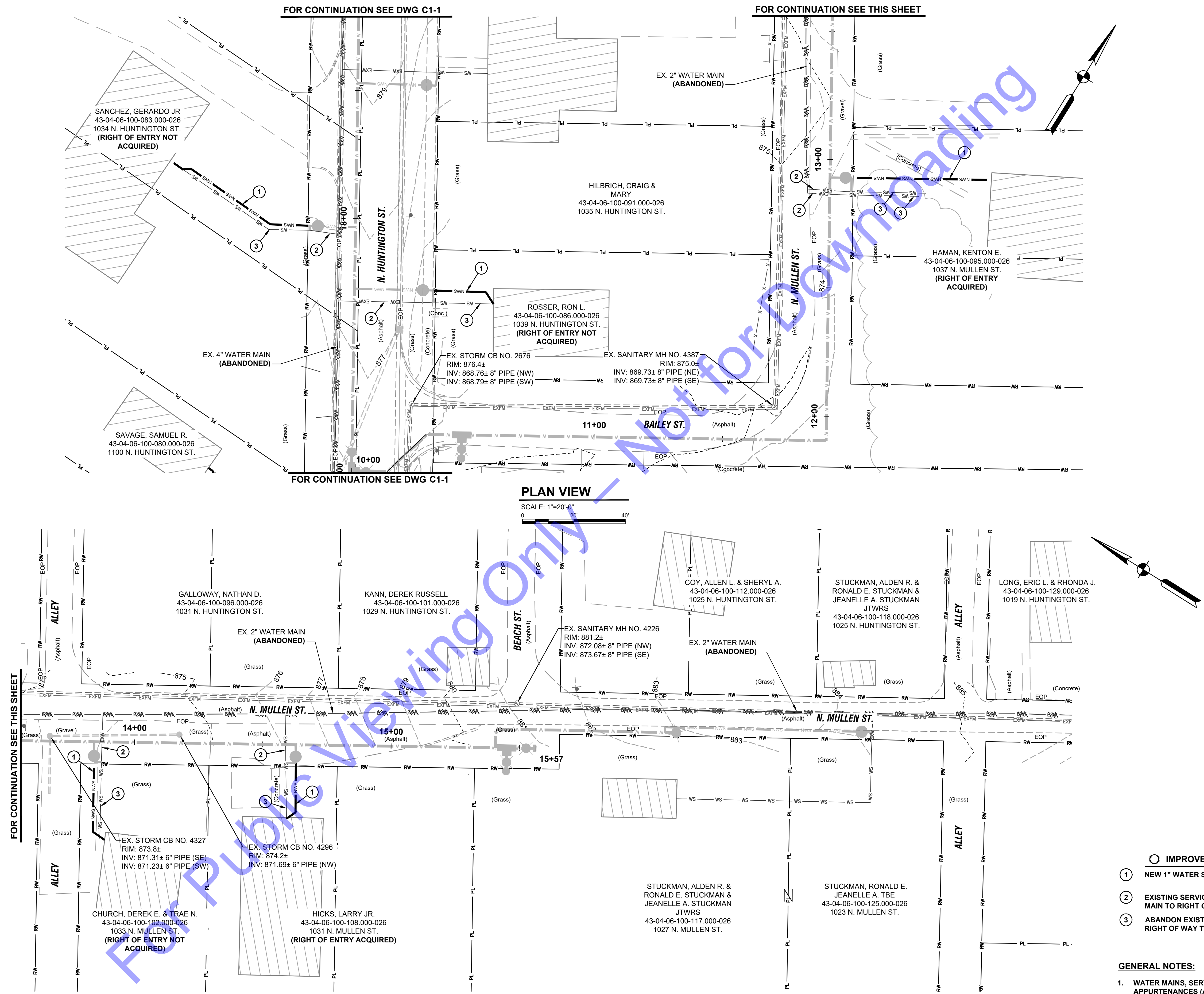
No.	Submittal / Revision	Date

Designed By: BPE Drawn By: KJG Checked By: JDH
 Issue Date: 6/16/2026 Project No: W25078 Scale: AS SHOWN

PLAN VIEWS - N. HUNTINGTON ST.

Drawing No: **C1-1**
 Sheet: 14 OF 47

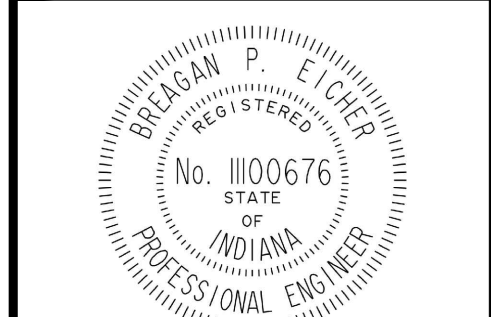
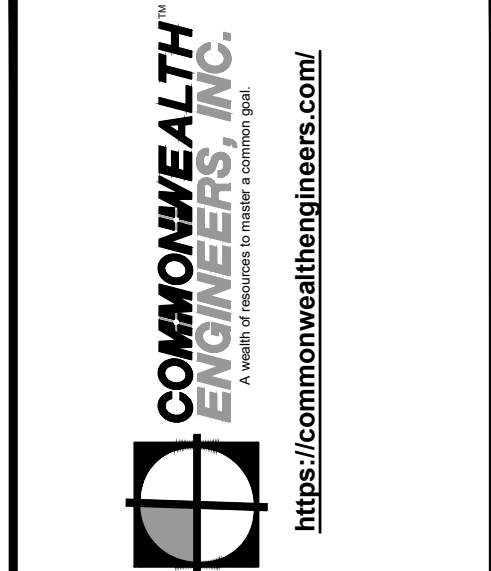
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 Sheet: 6/16/2026 11:04:42 AM Plotted: 6/17/2026 10:43:09 AM Current User: Mark Halpin (mhals@cswe.com)



PLAN VIEW
 SCALE: 1"=20'-0"
 0 20' 40'

- IMPROVEMENTS KEYNOTES:**
- ① NEW 1" WATER SERVICE LINE
 - ② EXISTING SERVICE LINE ABANDONED FROM MAIN TO RIGHT OF WAY
 - ③ ABANDON EXISTING SERVICE LINE FROM RIGHT OF WAY TO HOUSE

- GENERAL NOTES:**
1. WATER MAINS, SERVICE LINES AND APPURTENANCES (AS SHOWN IN GRAY) ARE PART OF THE DIVISION A CONTRACT AND ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY
 2. ALL METER PITS SHALL BE PLACED WITHIN 2' INSIDE THE RIGHT OF WAY



Signature: *Biregan P. E. Chap* Date: 6/16/2026

TOWN OF SYRACUSE
 KOSCIUSKO COUNTY, INDIANA
 NEW WATER MAIN AND SERVICE LINE
 REPLACEMENTS - DIVISION "B"

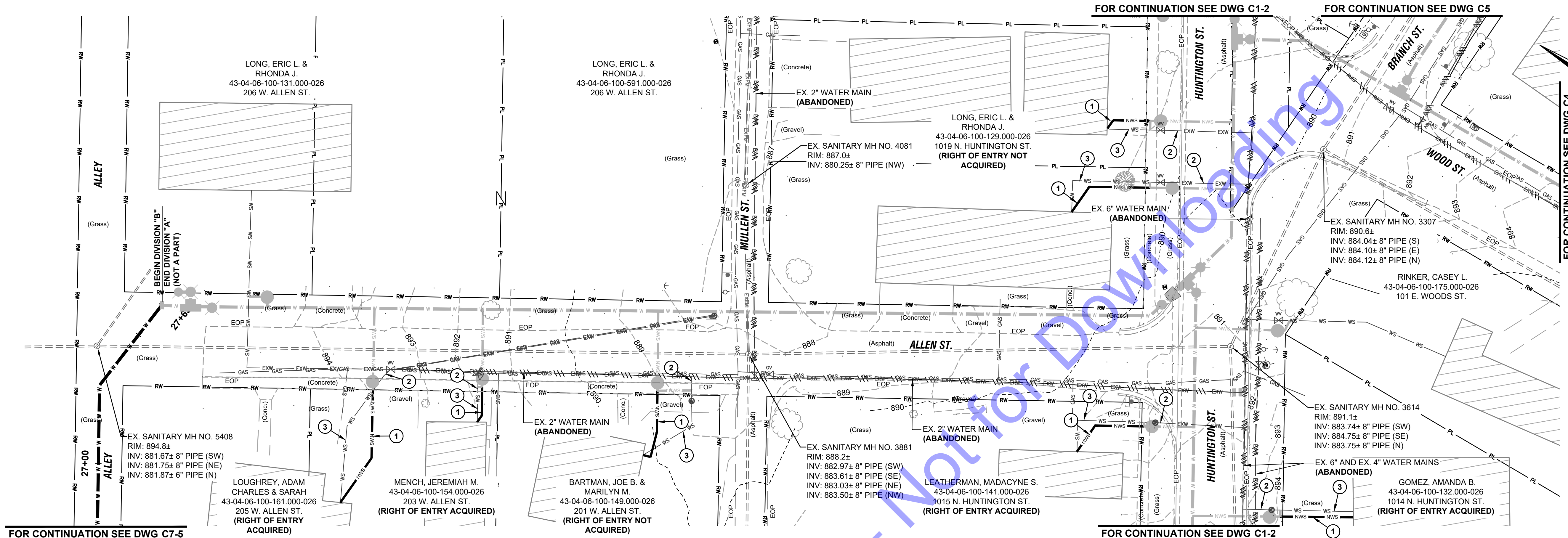


No.	Submittal / Revision	Date

Designed By: BPE	Drawn By: KJG	Checked By: JDH
Issue Date: 6/16/2026	Project No: W25078	Scale: AS SHOWN

PLAN VIEWS - N.
 MULLEN ST.

Drawing No:
C2
 Sheet: 16 OF 47



PLAN VIEW
 SCALE: 1"=20'-0"
 0 20' 40'

- IMPROVEMENTS KEYNOTES:**
- ① NEW 1" WATER SERVICE LINE
 - ② EXISTING SERVICE LINE ABANDONED FROM MAIN TO RIGHT OF WAY
 - ③ BANDON EXISTING SERVICE LINE FROM RIGHT OF WAY TO HOUSE

- GENERAL NOTES:**
1. WATER MAINS, SERVICE LINES AND APPURTENANCES (AS SHOWN IN GRAY) ARE PART OF THE DIVISION A CONTRACT AND ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY
 2. ALL METER PITS SHALL BE PLACED WITHIN 2' INSIDE THE RIGHT OF WAY

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BRIEGAN P. E. CHIP
 REGISTERED PROFESSIONAL ENGINEER
 No. 1100676
 STATE OF INDIANA
 PROFESSIONAL ENGINEER
 Signature: Briegan P. Chip Date: 6/16/2026

TOWN OF SYRACUSE
 KOSCIUSKO COUNTY, INDIANA
 NEW WATER MAIN AND SERVICE LINE REPLACEMENTS - DIVISION "B"

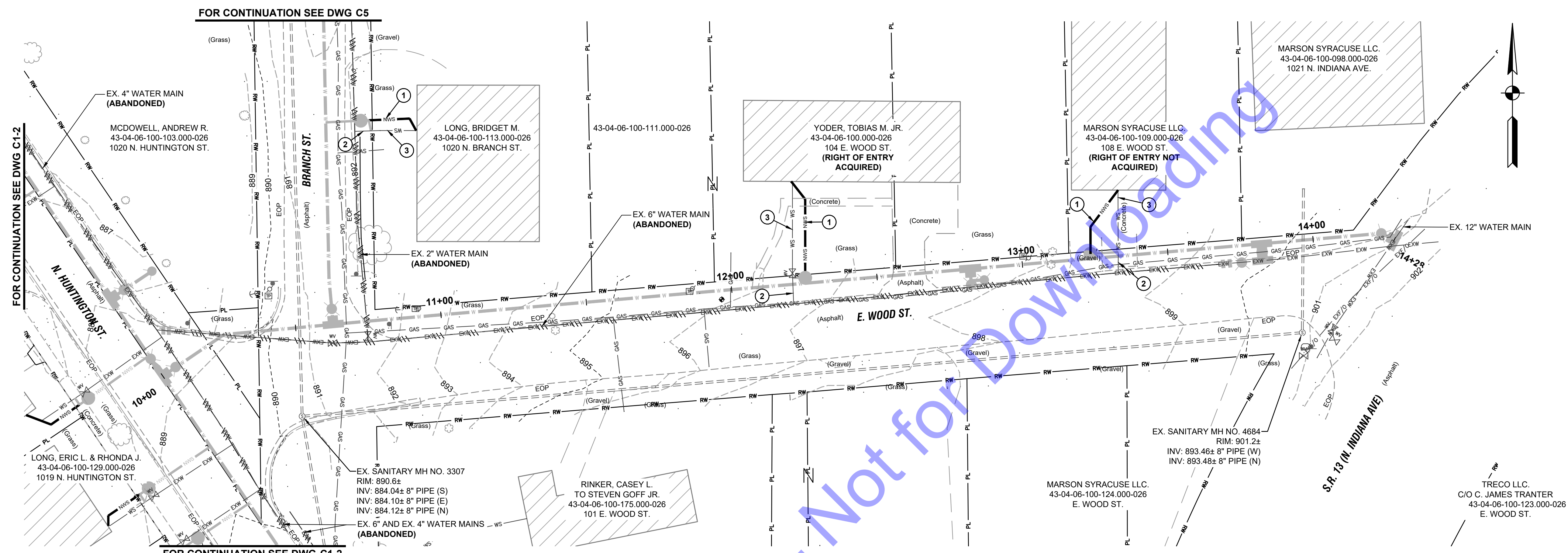
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Issue Date: 6/16/2026	Project No: W25078	Scale: AS SHOWN

PLAN VIEW - ALLEN ST.

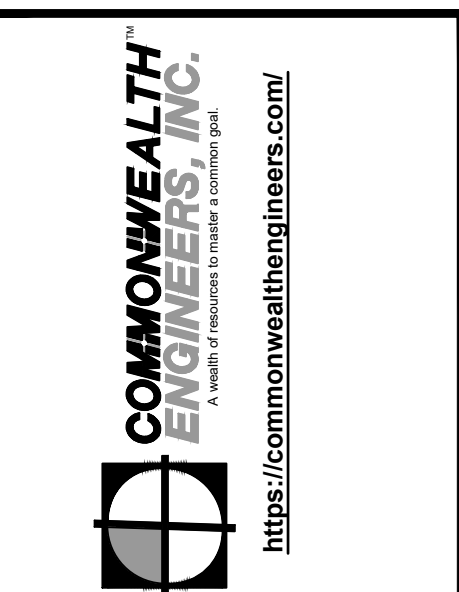


PLAN VIEW
SCALE: 1"=20'-0"
0 20' 40'

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- IMPROVEMENTS KEYNOTES:**
- ① NEW 1" WATER SERVICE LINE
 - ② EXISTING SERVICE LINE ABANDONED FROM MAIN TO RIGHT OF WAY
 - ③ ABANDON EXISTING SERVICE LINE FROM RIGHT OF WAY TO HOUSE

- GENERAL NOTES:**
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 - 2. ALL METER PITS SHALL BE PLACED WITHIN 2' INSIDE THE RIGHT OF WAY



BRIEGAN P. E. CHUR
REGISTERED PROFESSIONAL ENGINEER
No. 1100676
STATE OF INDIANA
6/16/2026
Signature Date

TOWN OF SYRACUSE
KOSCIUSKO COUNTY, INDIANA

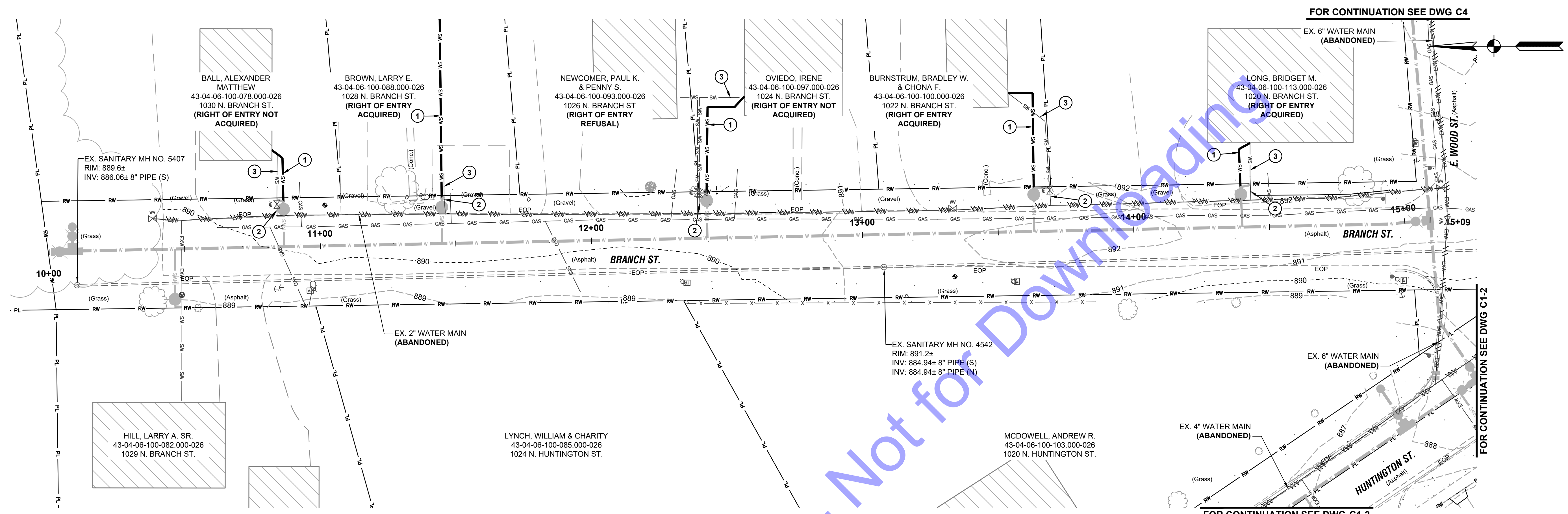
NEW WATER MAIN AND SERVICE LINE REPLACEMENTS - DIVISION "B"

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Drawn By: KJG
Checked By: JDH
Issue Date: 6/16/2026
Project No: W25078
Scale: AS SHOWN

PLAN VIEW - E. WOOD ST.



PLAN VIEW
 SCALE: 1"=20'-0"
 0 20' 40'

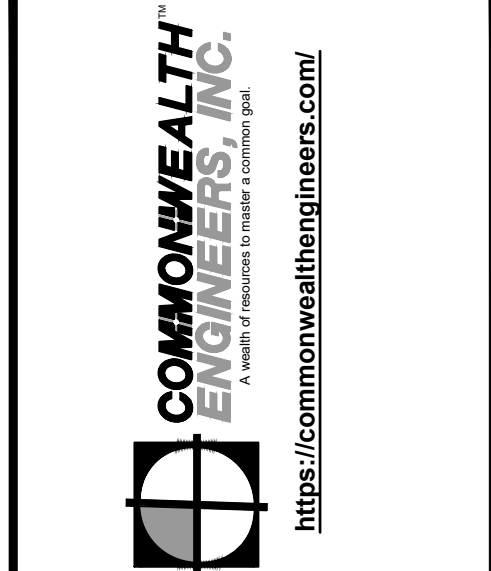
FOR CONTINUATION SEE DWG C4

FOR CONTINUATION SEE DWG C1-2

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- IMPROVEMENTS KEYNOTES:**
- ① NEW 1" WATER SERVICE LINE
 - ② EXISTING SERVICE LINE ABANDONED FROM MAIN TO RIGHT OF WAY
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BRIEGAN P. E. CHIEF REGISTERED PROFESSIONAL ENGINEER
 No. 1100676 STATE OF INDIANA
 Signature: *Briegan P. E. Chief* Date: 6/16/2026

TOWN OF SYRACUSE
 KOSCIUSKO COUNTY, INDIANA
 NEW WATER MAIN AND SERVICE LINE REPLACEMENTS - DIVISION "B"

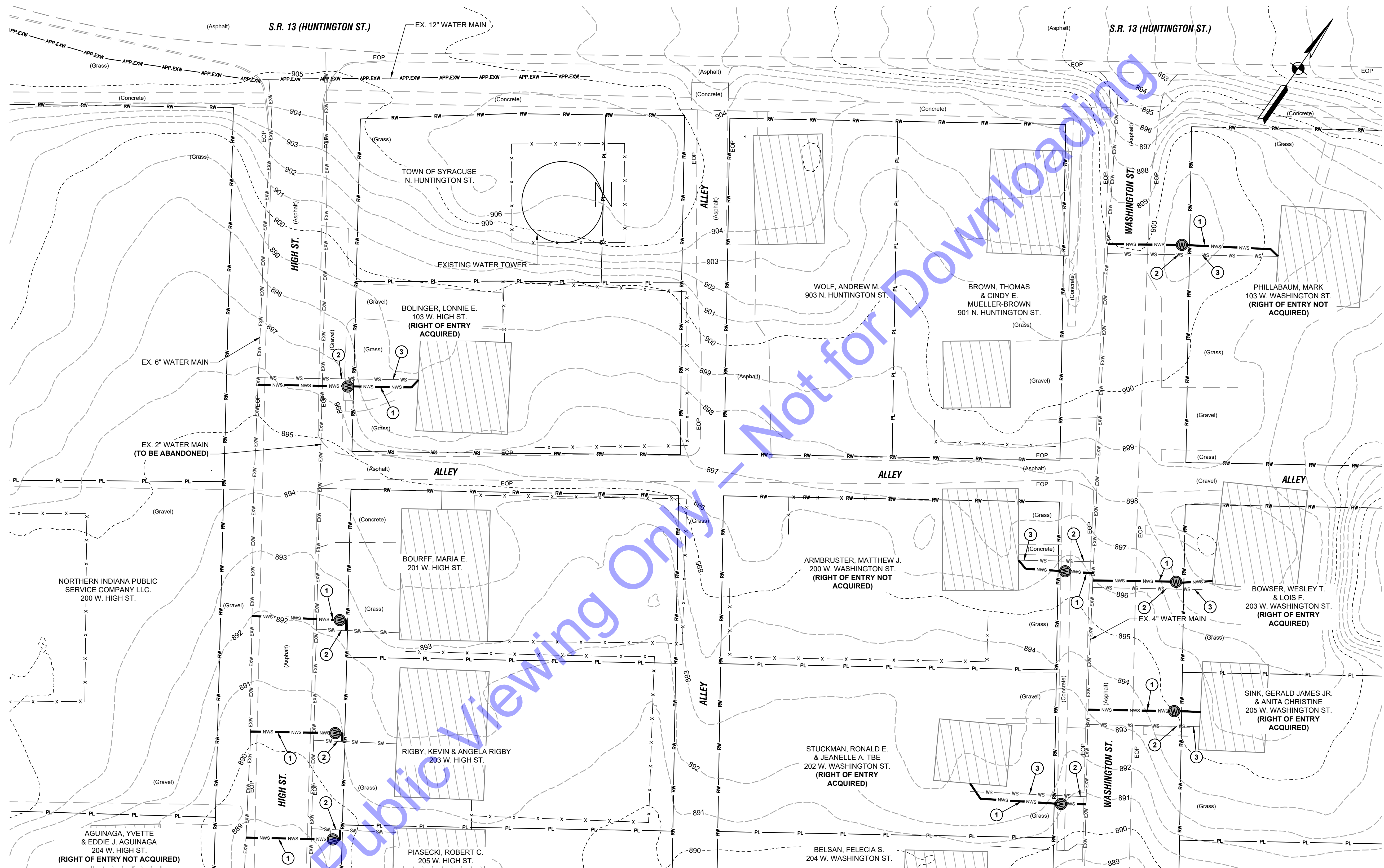
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Issue Date: 6/16/2026	Project No: W25078	Scale: AS SHOWN

PLAN VIEW - BRANCH ST.

FILE: Z:\SHARED\CLIENTS\INDIANA\SYRACUSE\DWG\CURRENT FILES\DRINKING DIVISION\B06\PLAN VIEWS\LEAD SERVICE LINE REPLACEMENT.DWG
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FOR CONTINUATION SEE DWG C6-2

PLAN VIEW

SCALE: 1"=20'-0"
 0 20' 40'

- IMPROVEMENTS KEYNOTES:**
- ① NEW 1" WATER SERVICE LINE
 - ② EXISTING SERVICE LINE ABANDONED FROM MAIN TO RIGHT OF WAY
 - ③ ABANDON EXISTING SERVICE LINE FROM RIGHT OF WAY TO HOUSE

- GENERAL NOTES:**
1. WATER MAINS, SERVICE LINES AND APPURTENANCES (AS SHOWN IN GRAY) ARE PART OF THE DIVISION A CONTRACT AND ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY
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 3. SERVICES THAT DO NOT NEED REPLACED WILL TAP THE 6" AND SET A NEW METER PIT AT RIGHT-OF-WAY.
 4. ALL METER PITS SHALL BE PLACED WITHIN 2' INSIDE THE RIGHT OF WAY



BRIEGAN P. E. CHUR
 REGISTERED PROFESSIONAL ENGINEER
 No. 1100676
 STATE OF INDIANA
 PROFESSIONAL ENGINEER
 Signature: *Briegan P. E. Chur* Date: 6/16/2026

TOWN OF SYRACUSE
 KOSCIUSKO COUNTY, INDIANA
 NEW WATER MAIN AND SERVICE LINE REPLACEMENTS - DIVISION "B"

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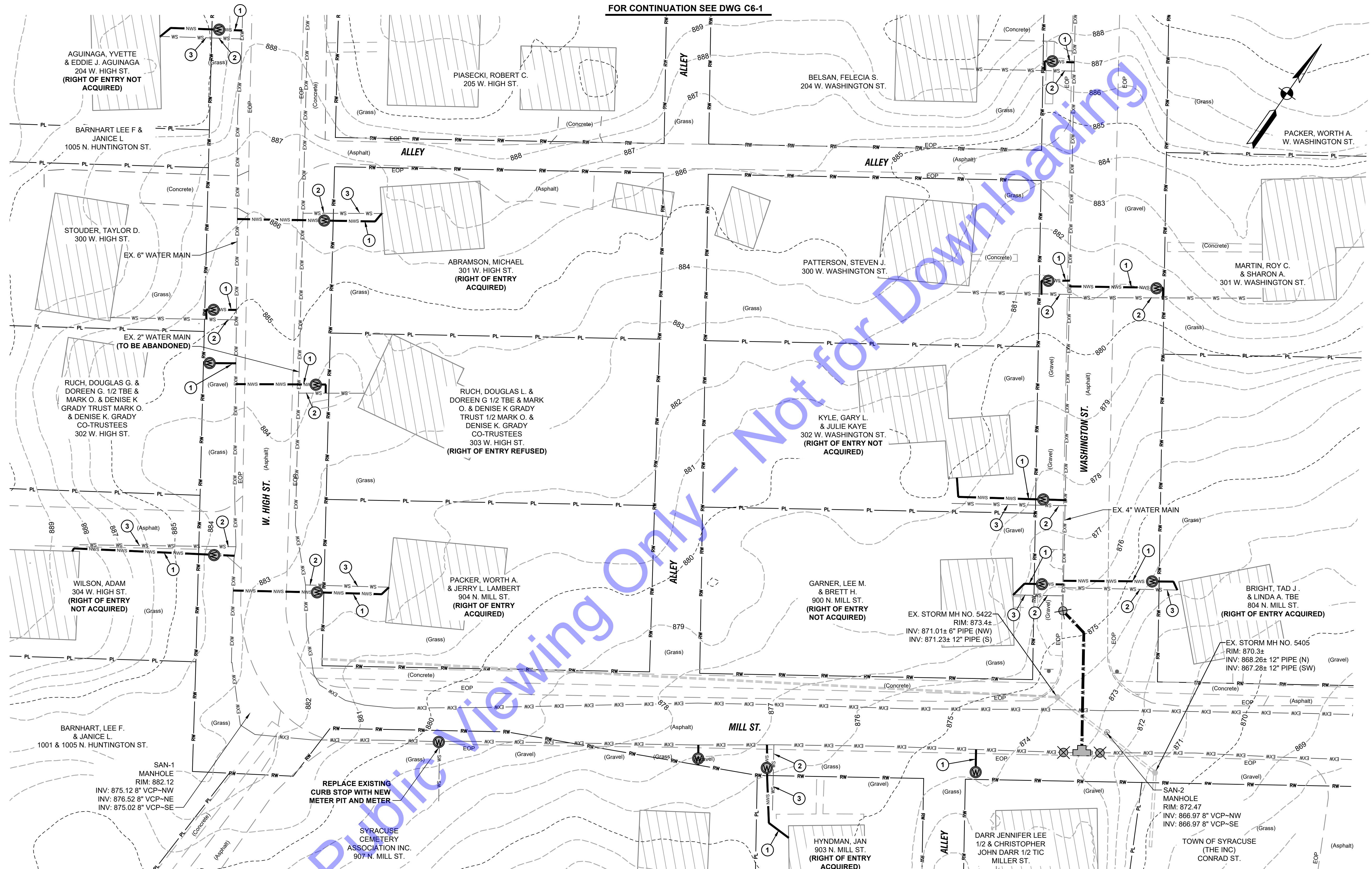
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 Issue Date: 6/16/2026 Project No: W25078 Scale: AS SHOWN

PLAN VIEW - HIGH ST. AND WASHINGTON ST.
 Drawing No: **C6-1**
 Sheet: 20 OF 47

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FOR CONTINUATION SEE DWG C6-1



PLAN VIEW
 SCALE: 1"=20'-0"
 0 20' 40'

- IMPROVEMENTS KEYNOTES:**
- ① NEW 1" WATER SERVICE LINE
 - ② EXISTING SERVICE LINE ABANDONED FROM MAIN TO RIGHT OF WAY
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 4. ALL METER PITS SHALL BE PLACED WITHIN 2' INSIDE THE RIGHT OF WAY



BIREGAN P. E. CHIEF REGISTERED
 No. 1100676 STATE OF INDIANA
 PROFESSIONAL ENGINEER
 Signature: *Biregan P. E. Chief* Date: 6/16/2026

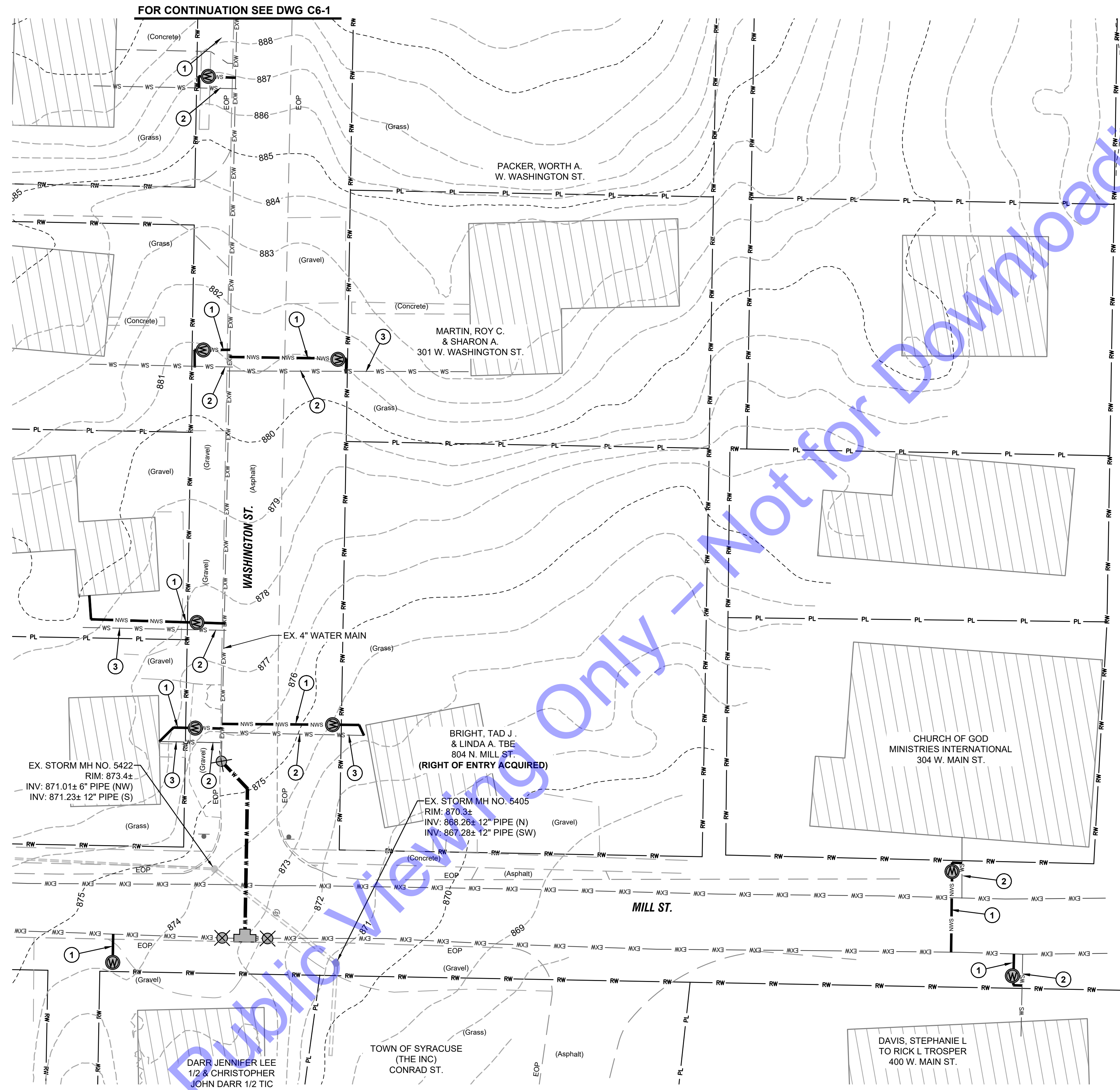
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PLAN VIEW - HIGH ST. AND WASHINGTON ST.
 Drawing No: **C6-2**
 Sheet: 21 OF 47



PLAN VIEW
 SCALE: 1"=20'-0"
 0 20' 40'

- IMPROVEMENTS KEYNOTES:**
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BRIEGAN P. E. CHAP
 REGISTERED PROFESSIONAL ENGINEER
 No. 1100676
 STATE OF INDIANA
 PROFESSIONAL ENGINEER
 Signature: *Briegan P. E. Chap* Date: 6/16/2026

TOWN OF SYRACUSE
 KOSCIUSKO COUNTY, INDIANA
 NEW WATER MAIN AND SERVICE LINE REPLACEMENTS - DIVISION "B"

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PLAN VIEW - MILL ST.

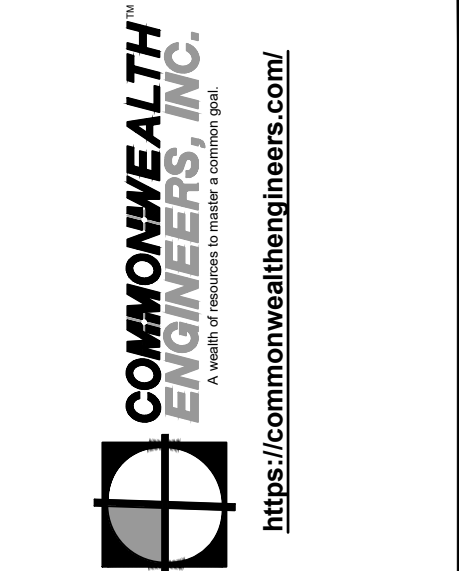
Drawing No:
C6-3
 Sheet: 22 OF 47



PLAN VIEW

SCALE: 1"=500'-0"
 0 500' 1,000'

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BRIEGAN P. ECHER
 REGISTERED PROFESSIONAL ENGINEER
 No. 1100676
 STATE OF INDIANA
 PROFESSIONAL ENGINEER
 Signature: _____ Date: 6/16/2026

TOWN OF SYRACUSE
 KOSCIUSKO COUNTY, INDIANA
 NEW WATER MAIN AND SERVICE LINE
 REPLACEMENTS - DIVISION "B"

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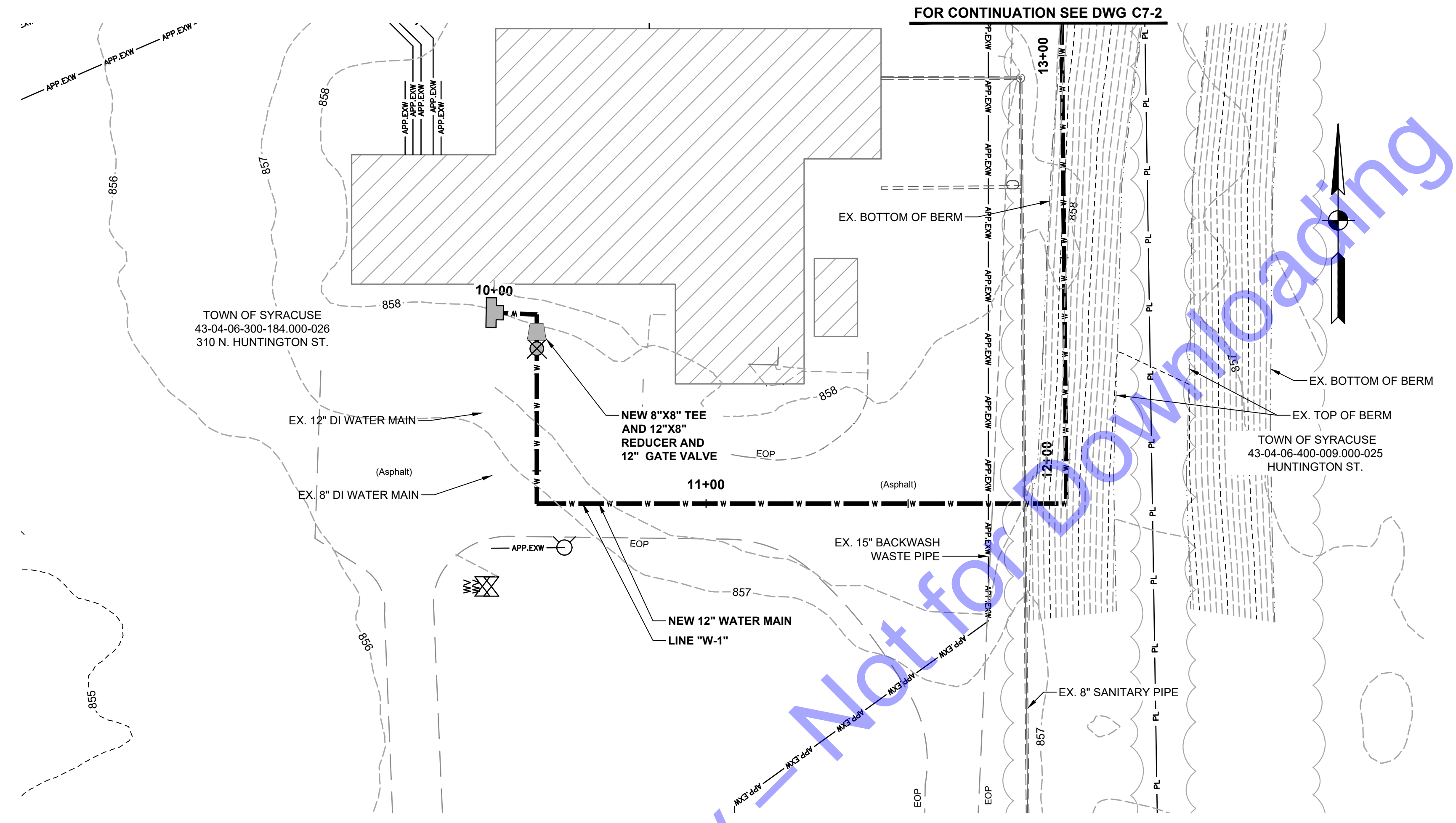
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 Issue Date: 6/16/2026 Project No: W25078 Scale: AS SHOWN

**PLAN AND PROFILE
 DRAWING INDEX MAP**

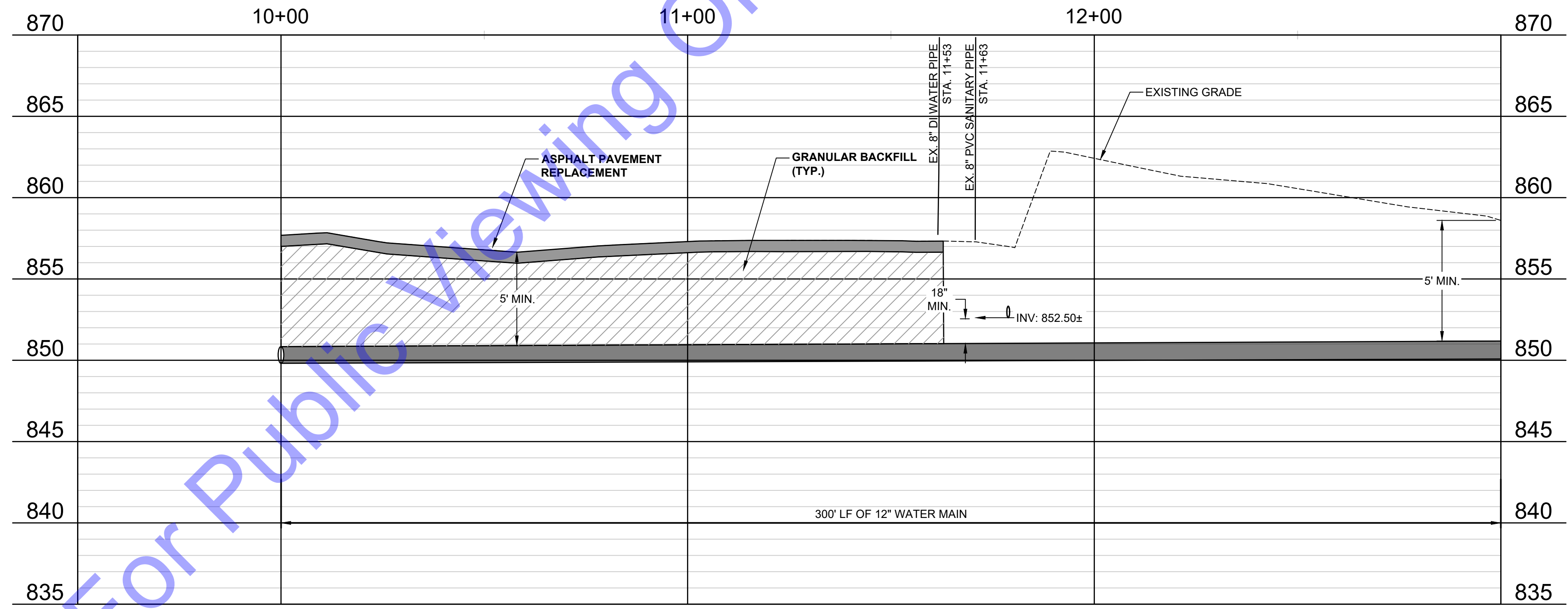
Drawing No:
C-02
 Sheet: 23 OF 47

GENERAL NOTES:
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 DRAWING INDEX

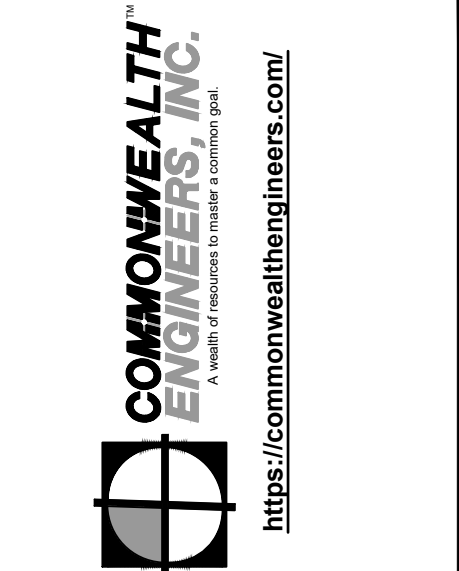
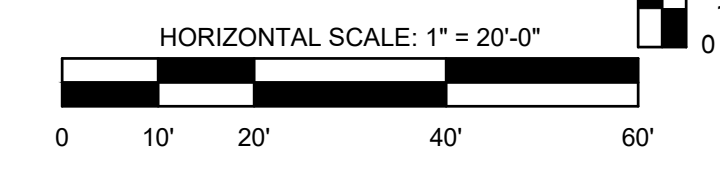
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 Sheet: 6/16/2026 5:03:56 PM Project: 6/16/2026 10:42:21 AM Current User: Mark Johnson User: mjohnson



PLAN VIEW - LINE "W-1"



PROFILE VIEW - LINE "W-1"



BRIGGAN P. ECHER
 REGISTERED PROFESSIONAL ENGINEER
 No. 1100676
 STATE OF INDIANA
 PROFESSIONAL ENGINEER
 Signature: *Briggan P. Echer* Date: 6/16/2026

TOWN OF SYRACUSE
 KOSCIUSKO COUNTY, INDIANA
 NEW WATER MAIN AND SERVICE LINE
 REPLACEMENTS - DIVISION "B"

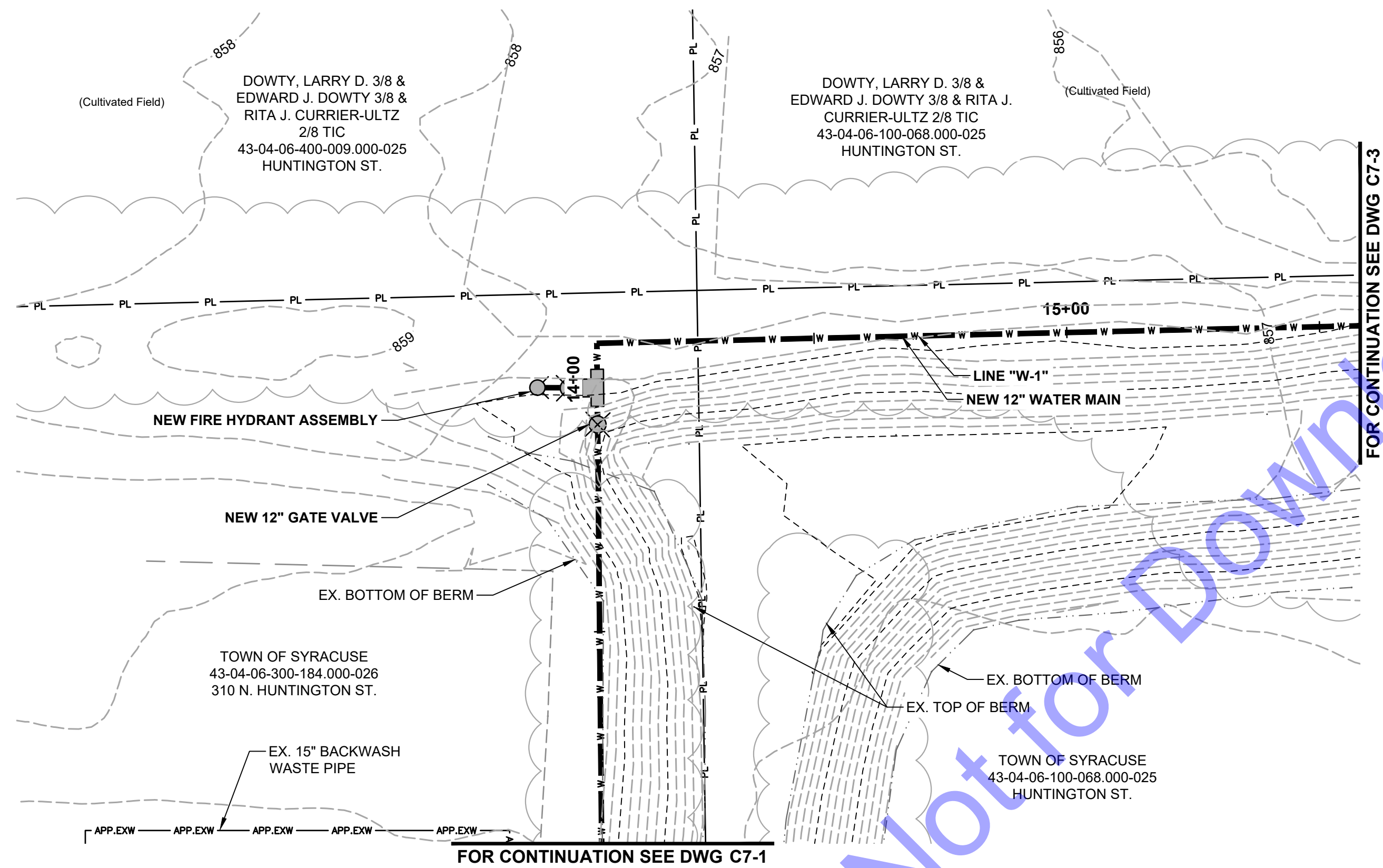
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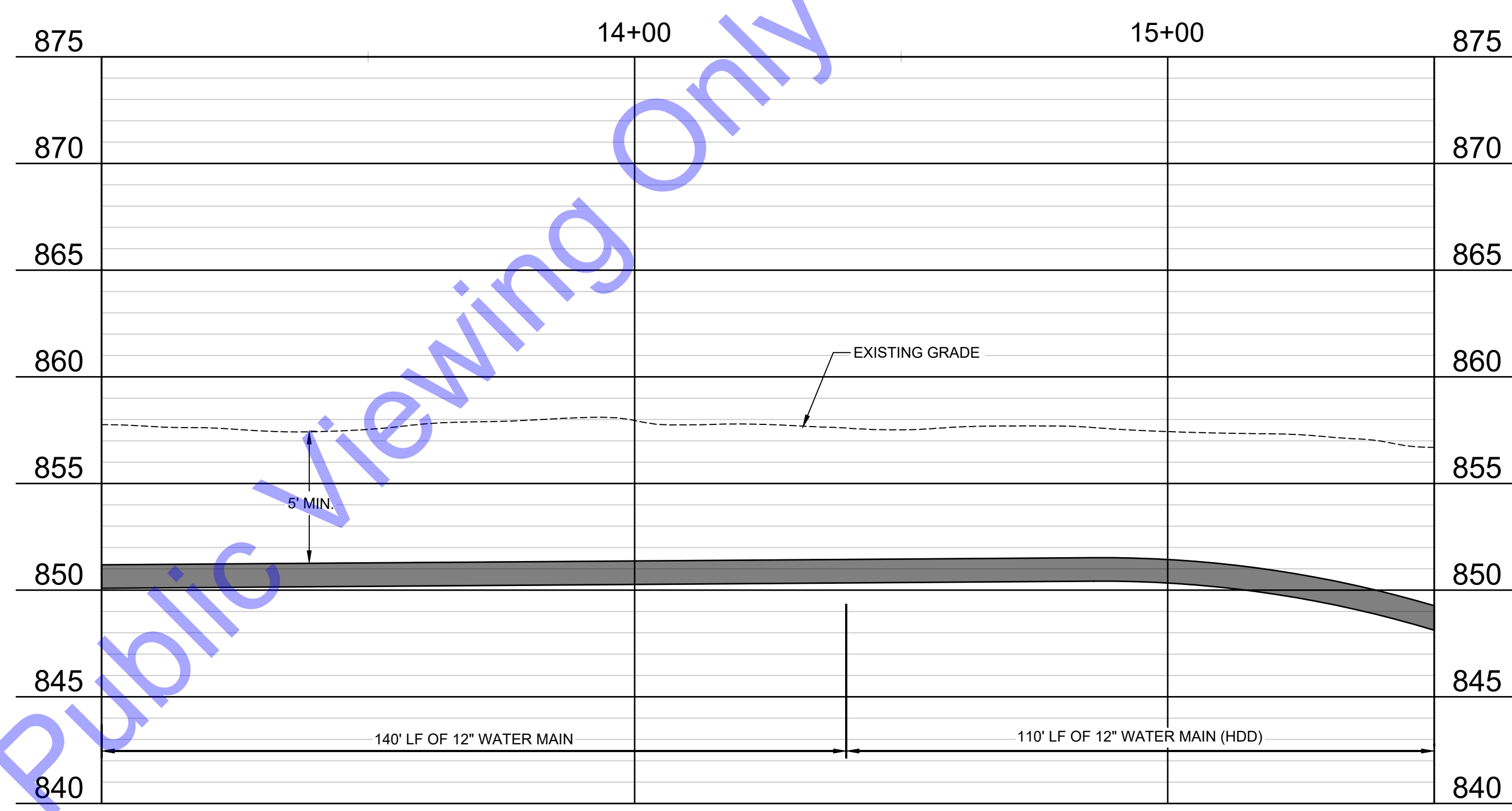
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 Issue Date: 6/16/2026 Project No: W25078 Scale: AS SHOWN

PLAN AND PROFILE
 VIEWS - LINE "W-1"

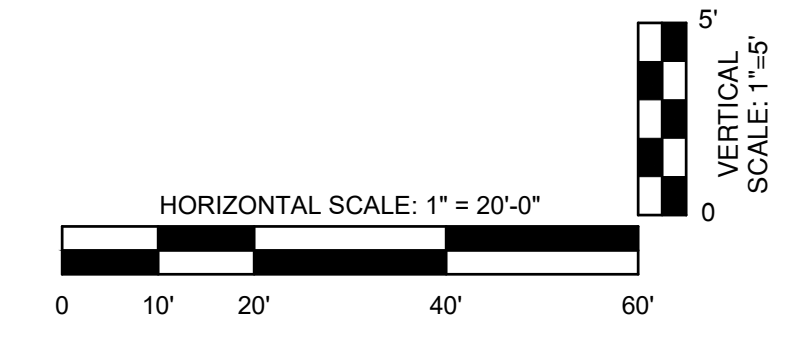
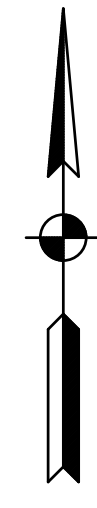
Drawing No:
C7-1
 Sheet: 24 OF 47



PLAN VIEW - LINE "W-1"

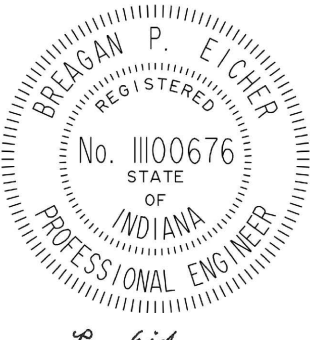


PROFILE VIEW - LINE "W-1"



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Signature: *Biregan P. Chip* Date: 6/16/2026

TOWN OF SYRACUSE
 KOSCIUSKO COUNTY, INDIANA
 NEW WATER MAIN AND SERVICE LINE REPLACEMENTS - DIVISION "B"

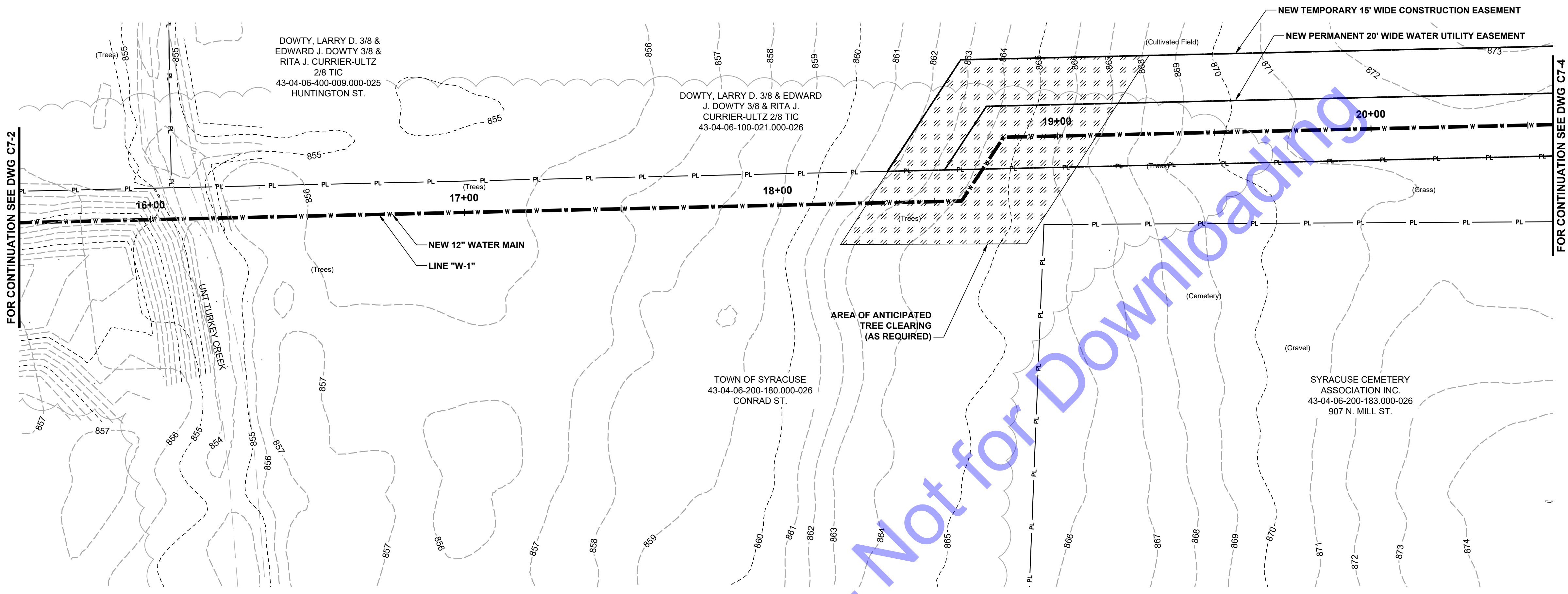
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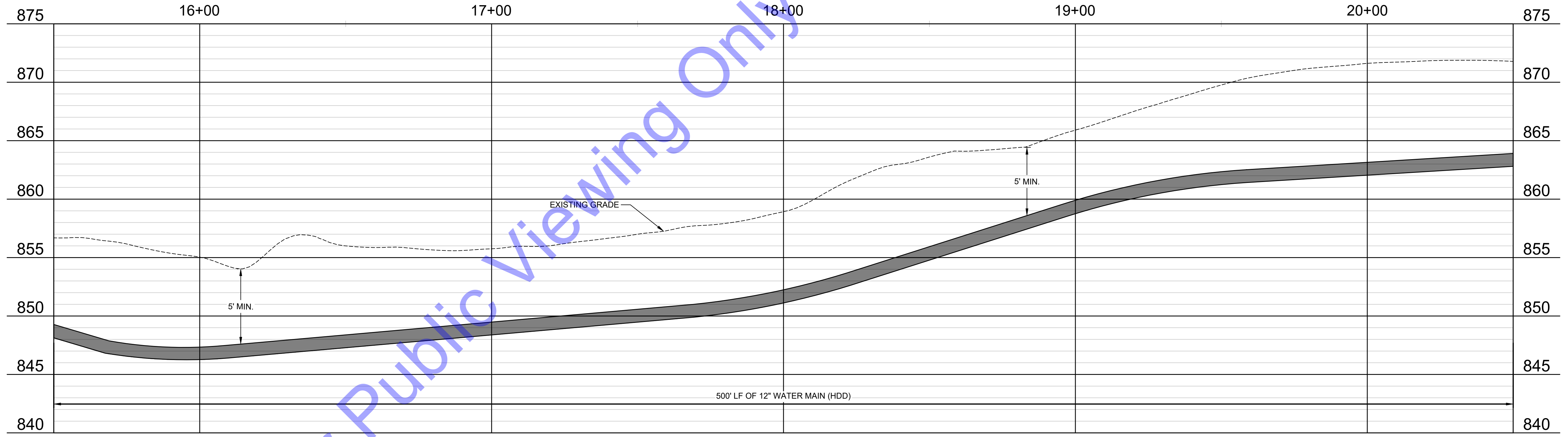
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PLAN AND PROFILE VIEWS - LINE "W-1"

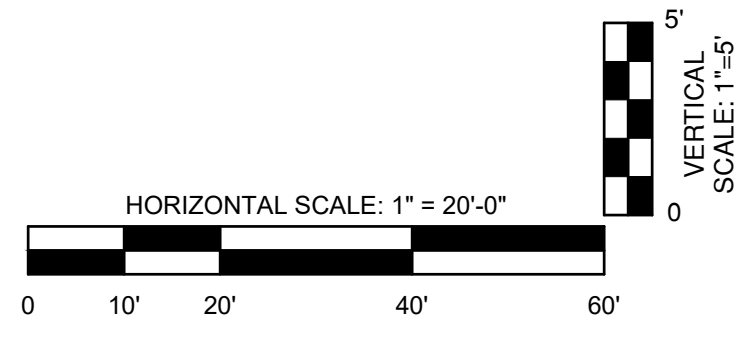
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 Sheet: 25 OF 47



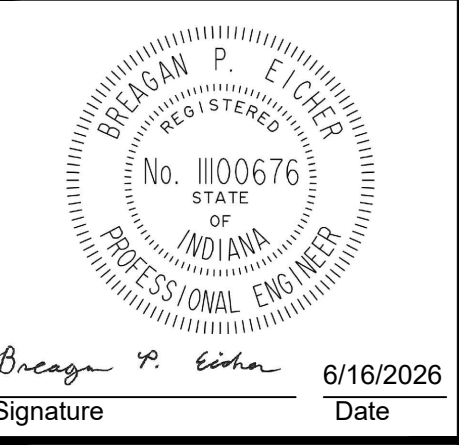
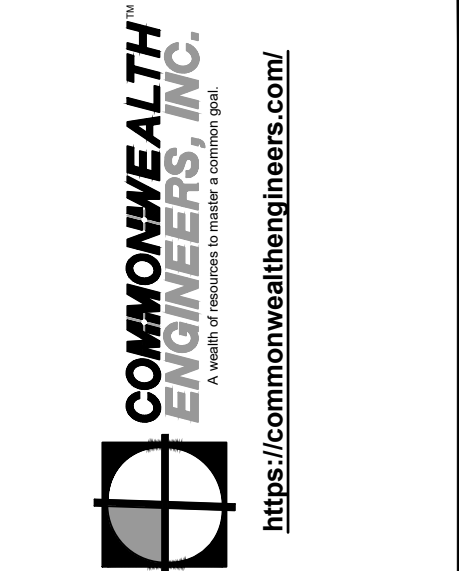
PLAN VIEW - LINE "W-1"



PROFILE VIEW - LINE "W-1"



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TOWN OF SYRACUSE
 KOSCIUSKO COUNTY, INDIANA
 NEW WATER MAIN AND SERVICE LINE
 REPLACEMENTS - DIVISION "B"



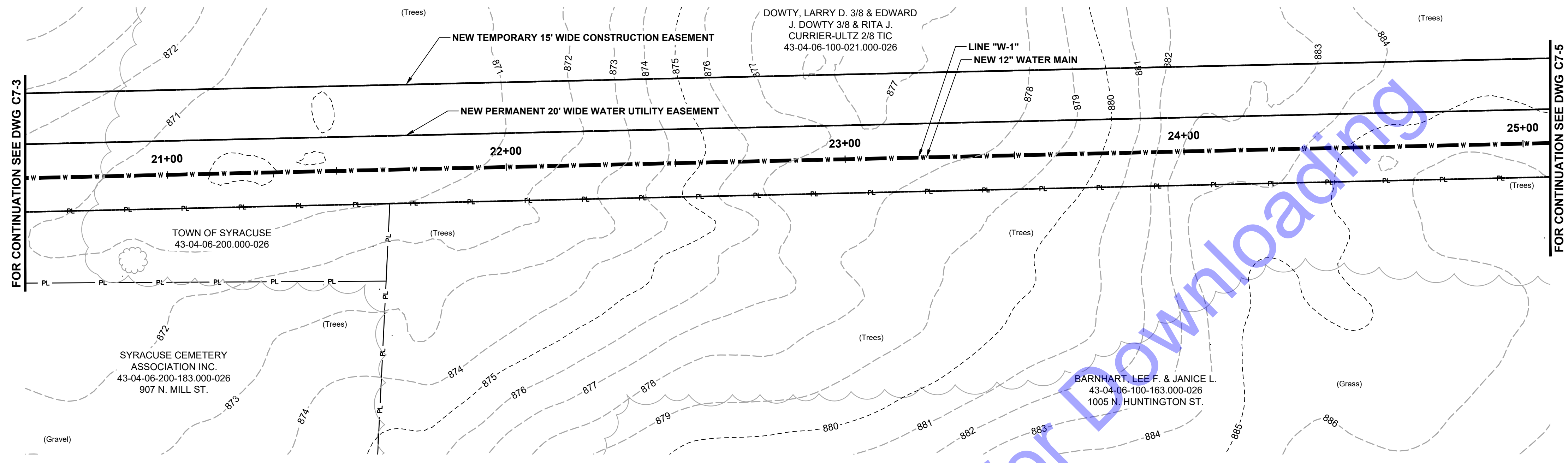
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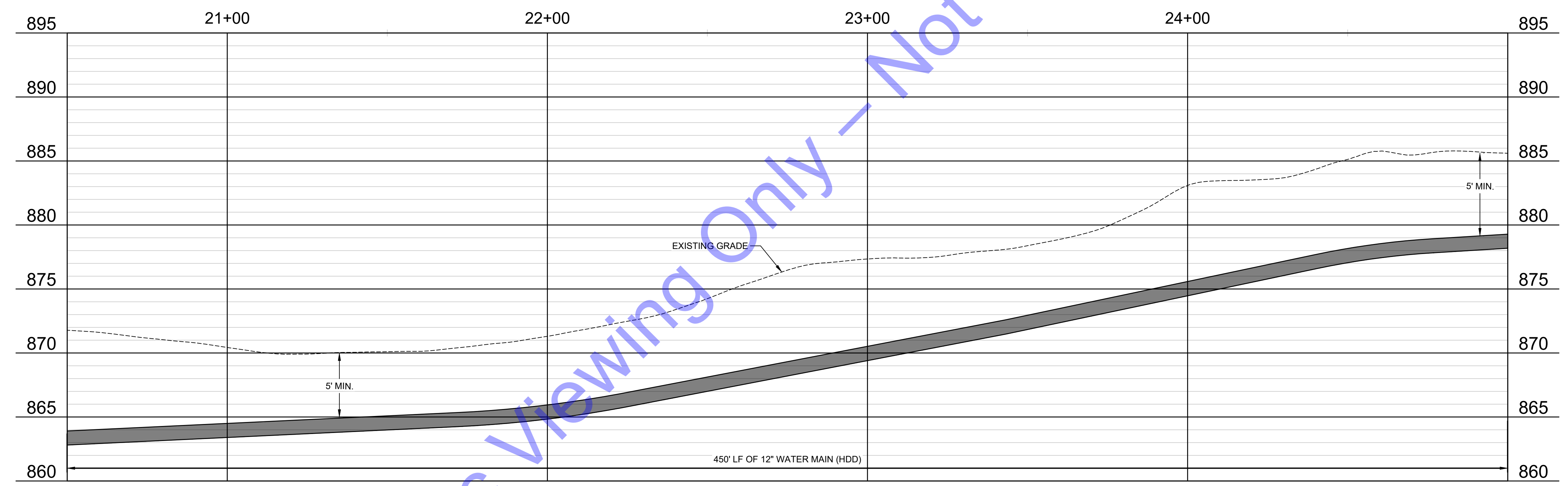
PLAN AND PROFILE
 VIEWS - LINE "W-1"

Drawing No:
C7-3

Sheet: 26 OF 47



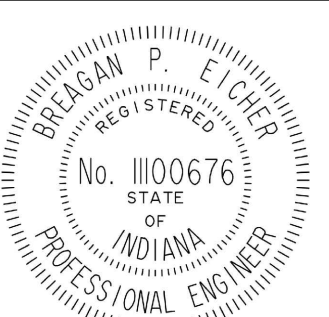
PLAN VIEW - LINE "W-1"



PROFILE VIEW - LINE "W-1"

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Signature: *Biregan P. E. Chap* Date: 6/16/2026

TOWN OF SYRACUSE
 KOSCIUSKO COUNTY, INDIANA
 NEW WATER MAIN AND SERVICE LINE
 REPLACEMENTS - DIVISION "B"

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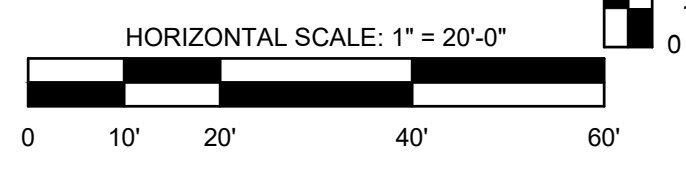
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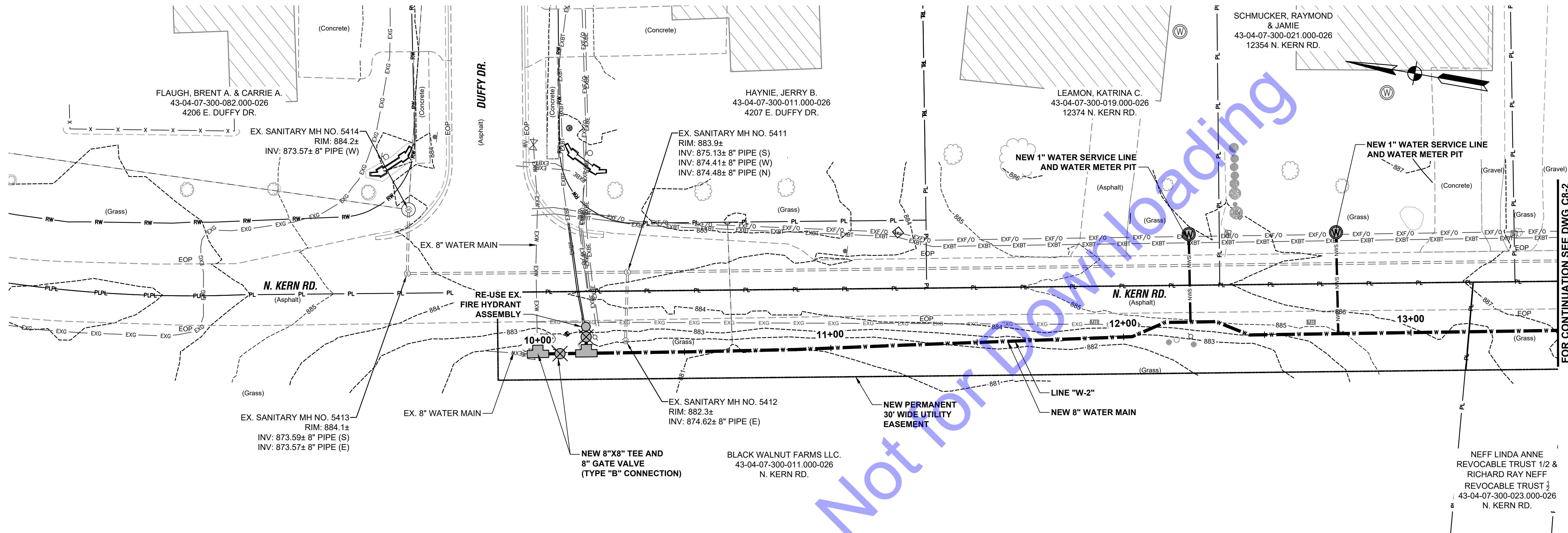
No.	Submittal / Revision	Date	By	Checked

Designed By: BPE Drawn By: KJG Checked By: JDH
 Issue Date: 6/16/2026 Project No: W25078 Scale: AS SHOWN

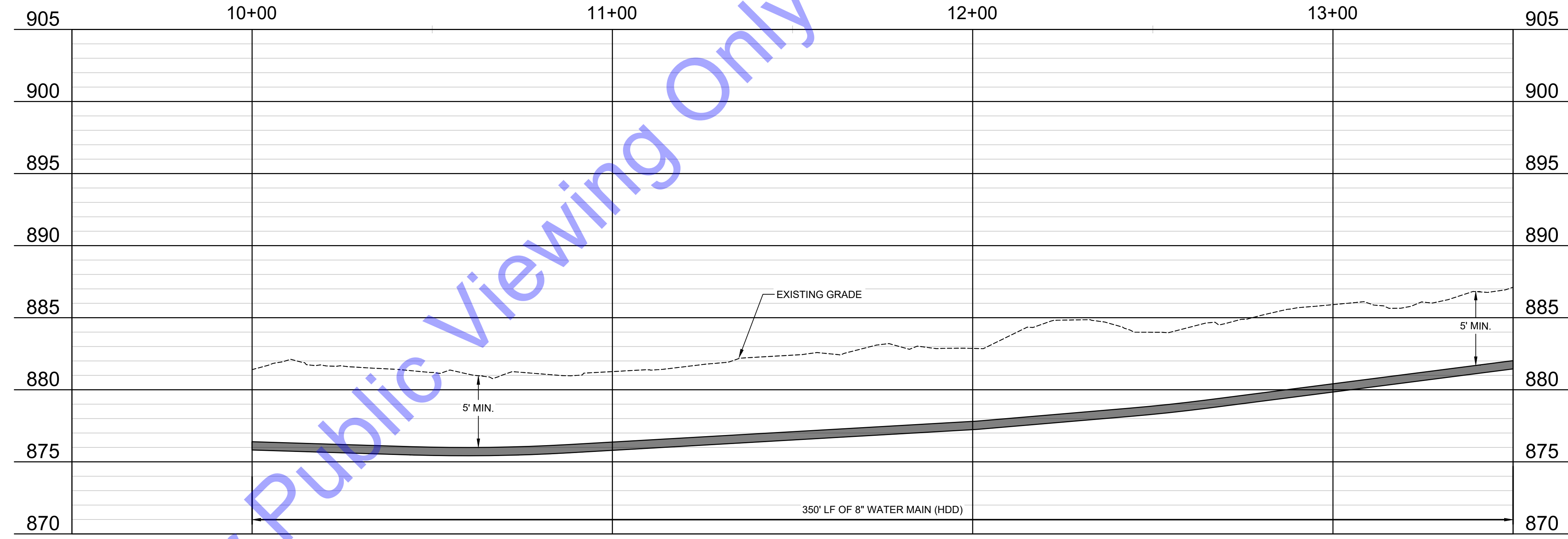
**PLAN AND PROFILE
 VIEWS - LINE "W-1"**

Drawing No:
C7-4
 Sheet: 27 OF 47





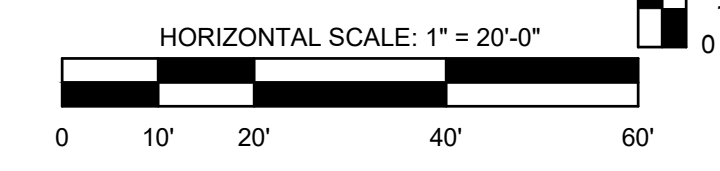
PLAN VIEW - LINE "W-2"



PROFILE VIEW - LINE "W-2"

GENERAL NOTES:

- NO PAVEMENT DISTURBANCE ON KERN ROAD.
- WATER MAIN AND SERVICES TO BE DIRECTIONALLY DRILLED.



FILE: Z:\SHARED\CLIENTS\NCS\PROJECTS\2026\WATER\UTILITY IMPROVEMENTS\CAD\CURRENT FILES\DRAWINGS\DIVISION B\PLAN AND PROFILE VIEWS - LINE "W-2".DWG
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 No. 1100676
 STATE OF INDIANA
 PROFESSIONAL ENGINEER

Signature: *Briagan P. Ecker* Date: 6/16/26

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 KOSCIUSKO COUNTY, INDIANA
 NEW WATER MAIN AND SERVICE LINE REPLACEMENTS - DIVISION "B"

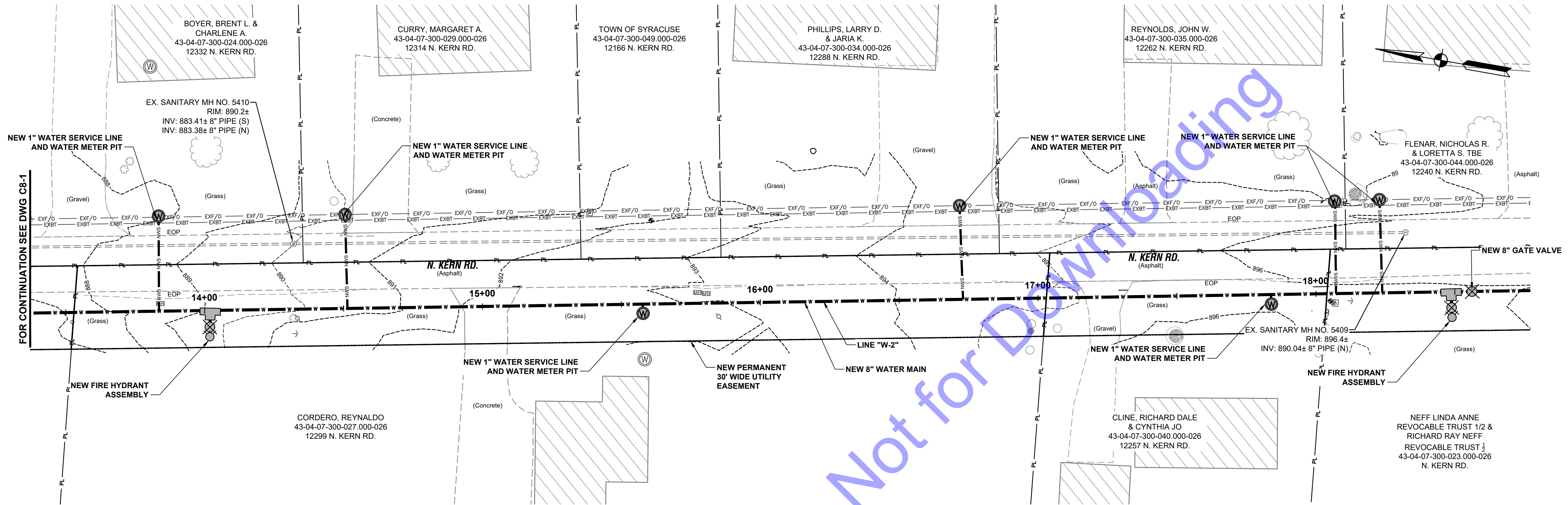
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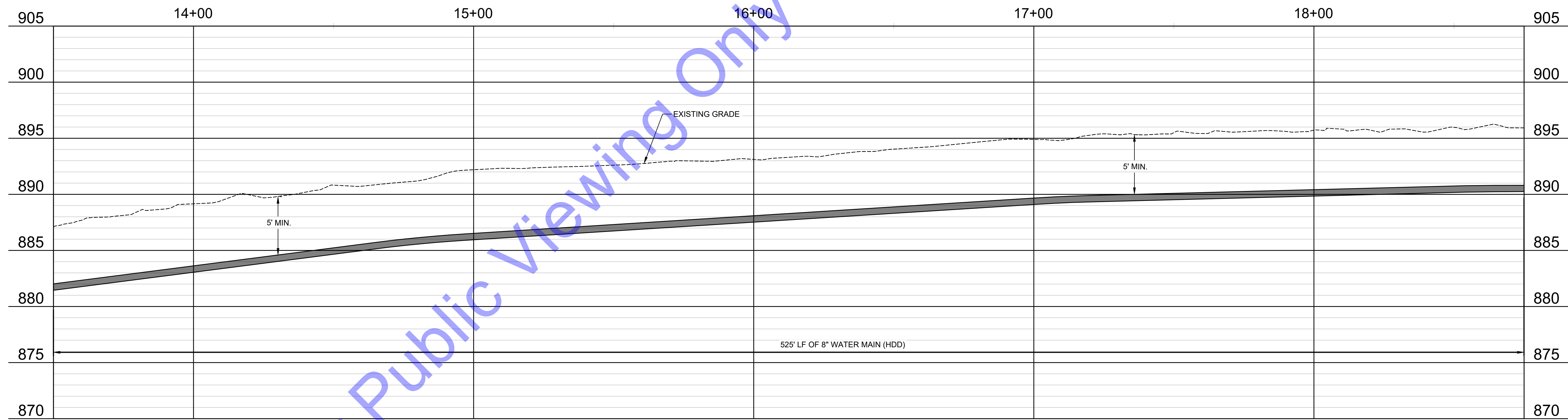
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PLAN AND PROFILE VIEWS - LINE "W-2"

Drawing No: **C8-1**
 Sheet: 29 OF 47



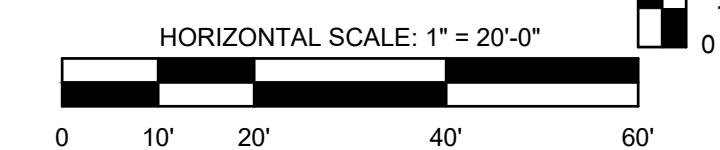
PLAN VIEW - LINE "W-2"



PROFILE VIEW - LINE "W-2"

GENERAL NOTES:

- NO PAVEMENT DISTURBANCE ON KERN ROAD.
- WATER MAIN AND SERVICES TO BE DIRECTIONALLY DRILLED.



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 Signature: *Briagan P. Clep* Date: 6/16/26

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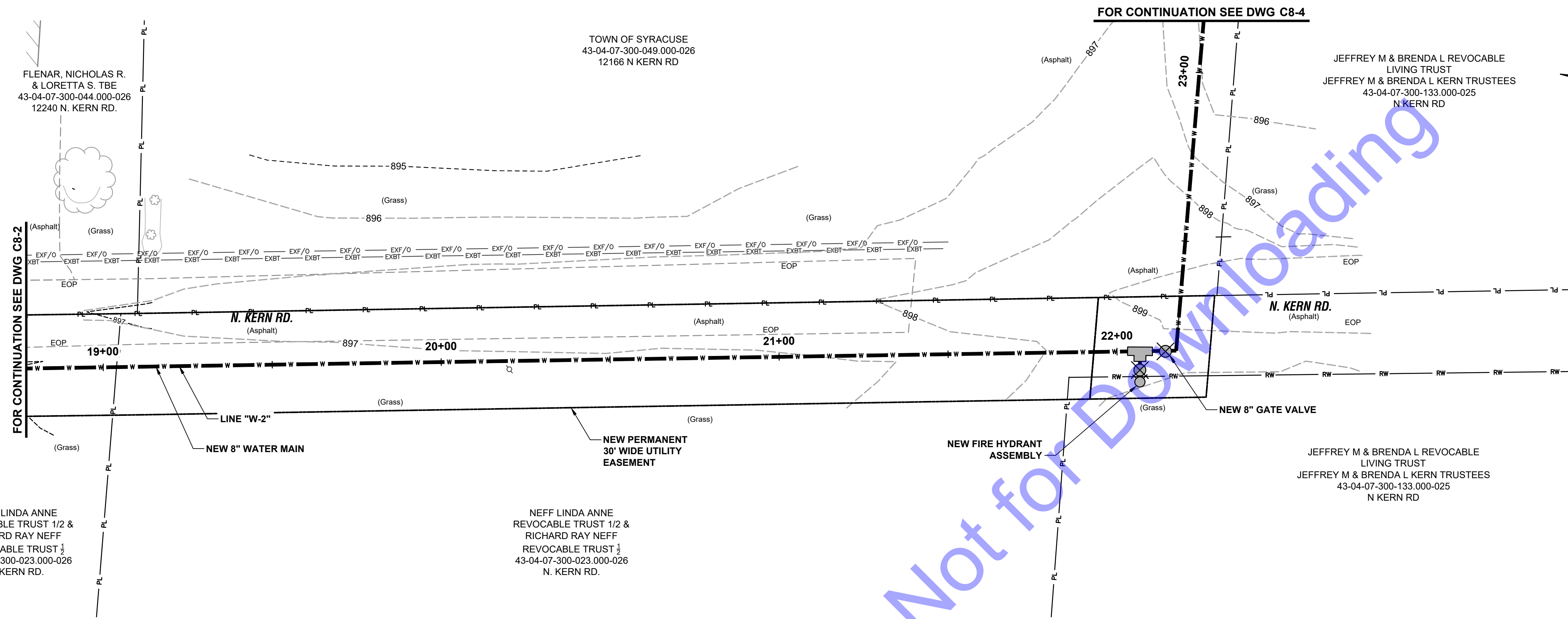
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PLAN AND PROFILE VIEWS - LINE "W-2"



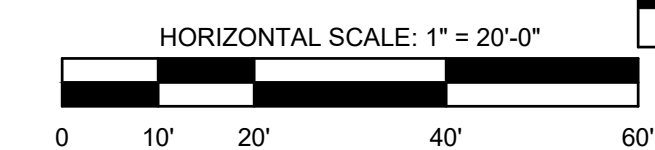
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PROFILE VIEW - LINE "W-2"

GENERAL NOTES:

- NO PAVEMENT DISTURBANCE ON KERN ROAD.
- WATER MAIN AND SERVICES TO BE DIRECTIONALLY DRILLED.



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 No. 1100676
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 PROFESSIONAL ENGINEER
 Signature: *Brigan P. Ecker* Date: 6/16/26

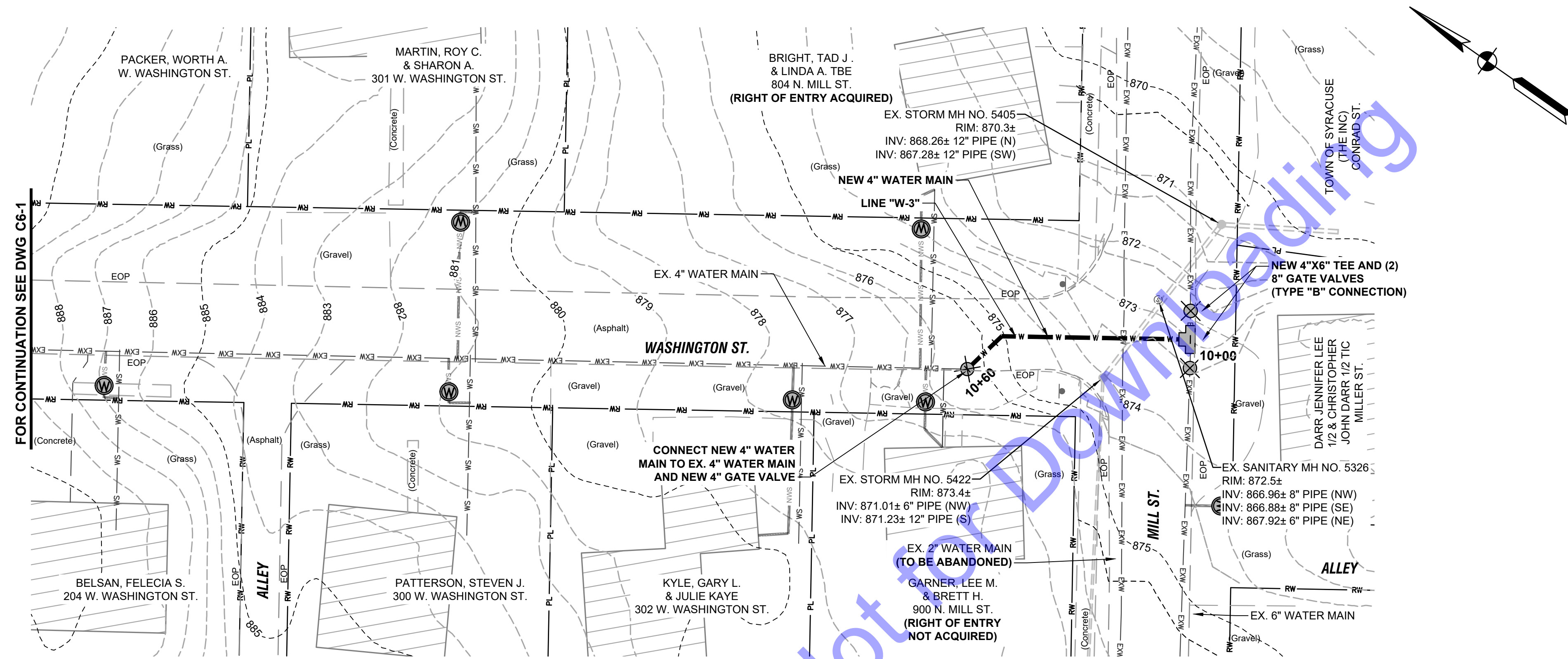
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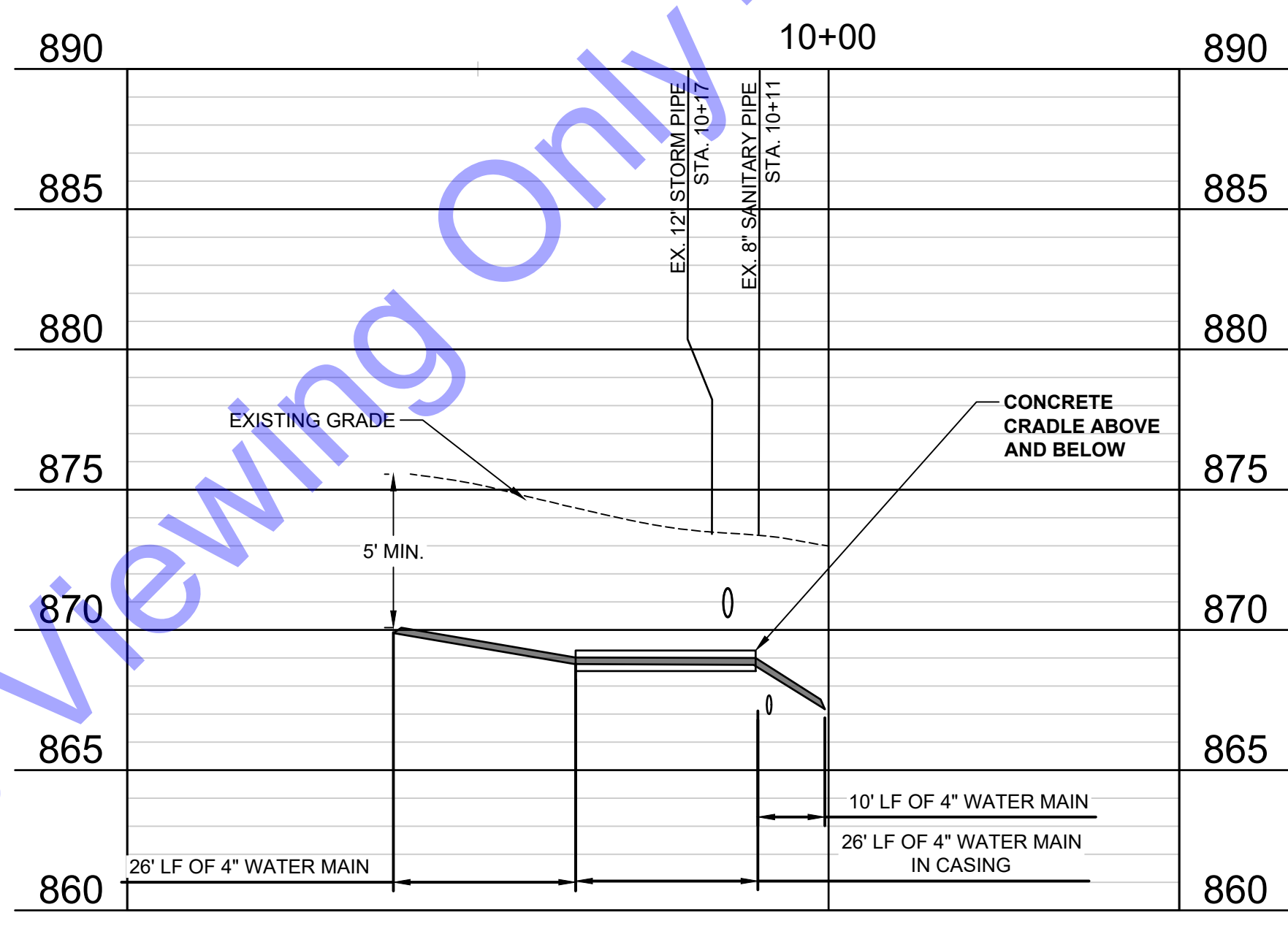
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PLAN AND PROFILE VIEWS - LINE "W-2"



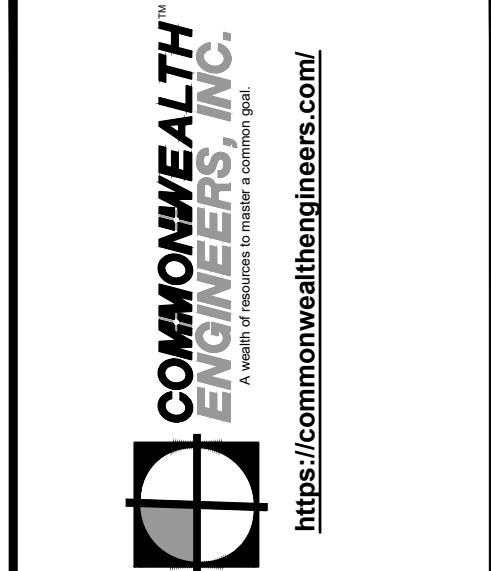
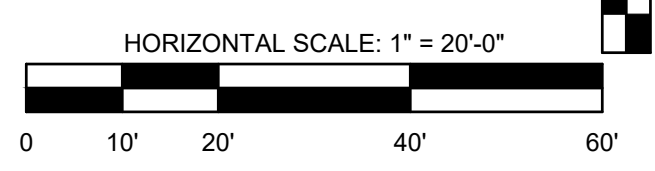
PLAN VIEW - LINE "W-3"



PROFILE VIEW - LINE "W-3"

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BRIEGAN P. ECHER
 REGISTERED PROFESSIONAL ENGINEER
 No. 1100670
 STATE OF INDIANA
 PROFESSIONAL ENGINEER

Signature: *Briegan P. Echer* Date: 6/16/2026

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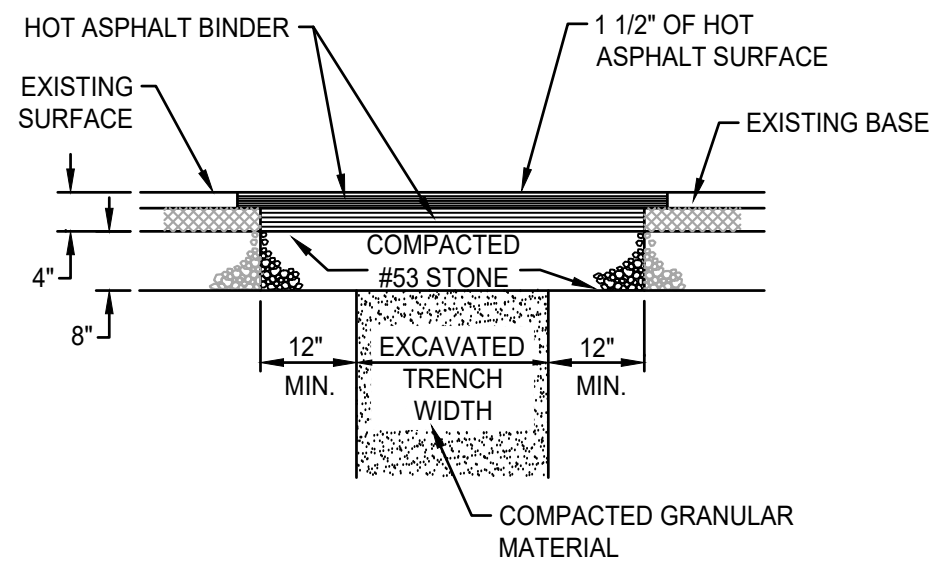
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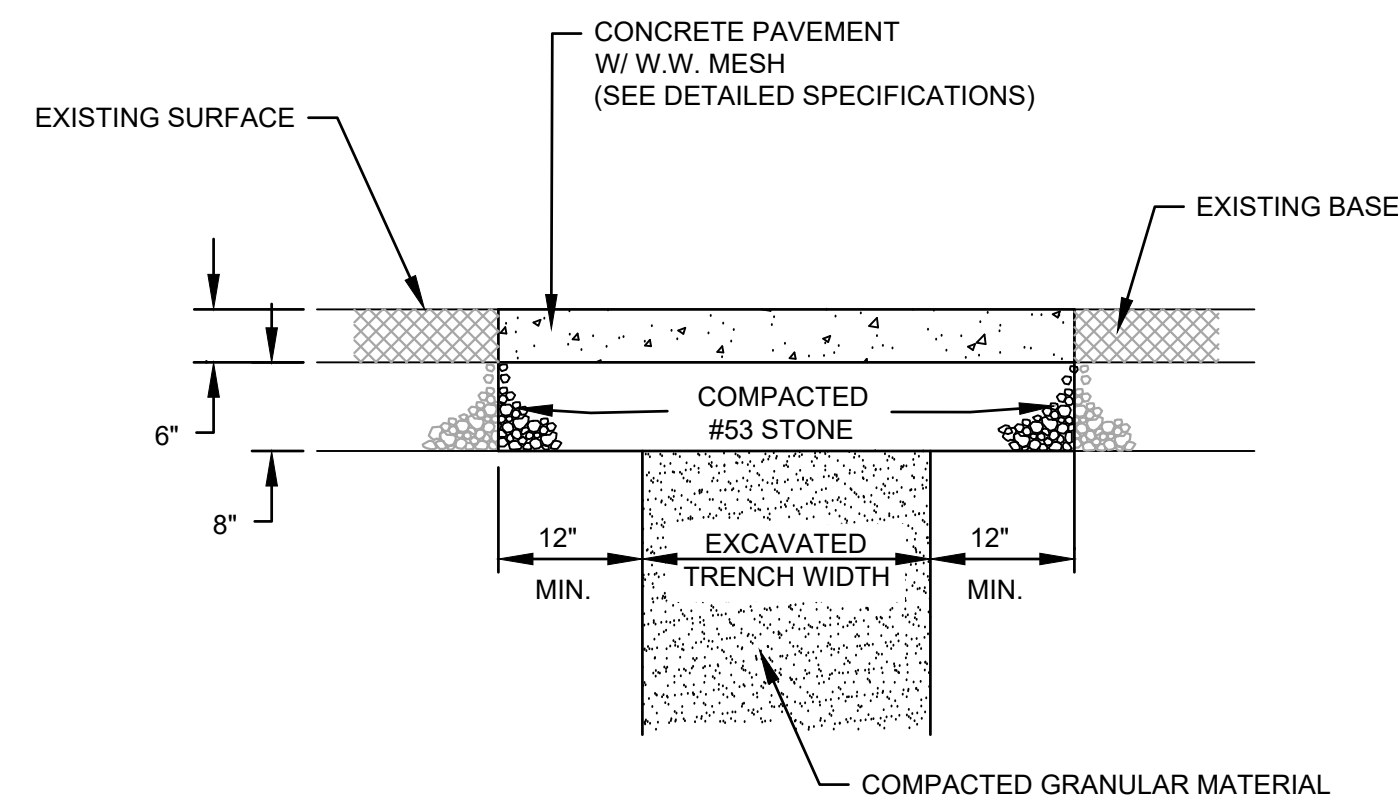
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 VIEWS - LINE "W-3"

Drawing No:
C9
 Sheet: 33 OF 47



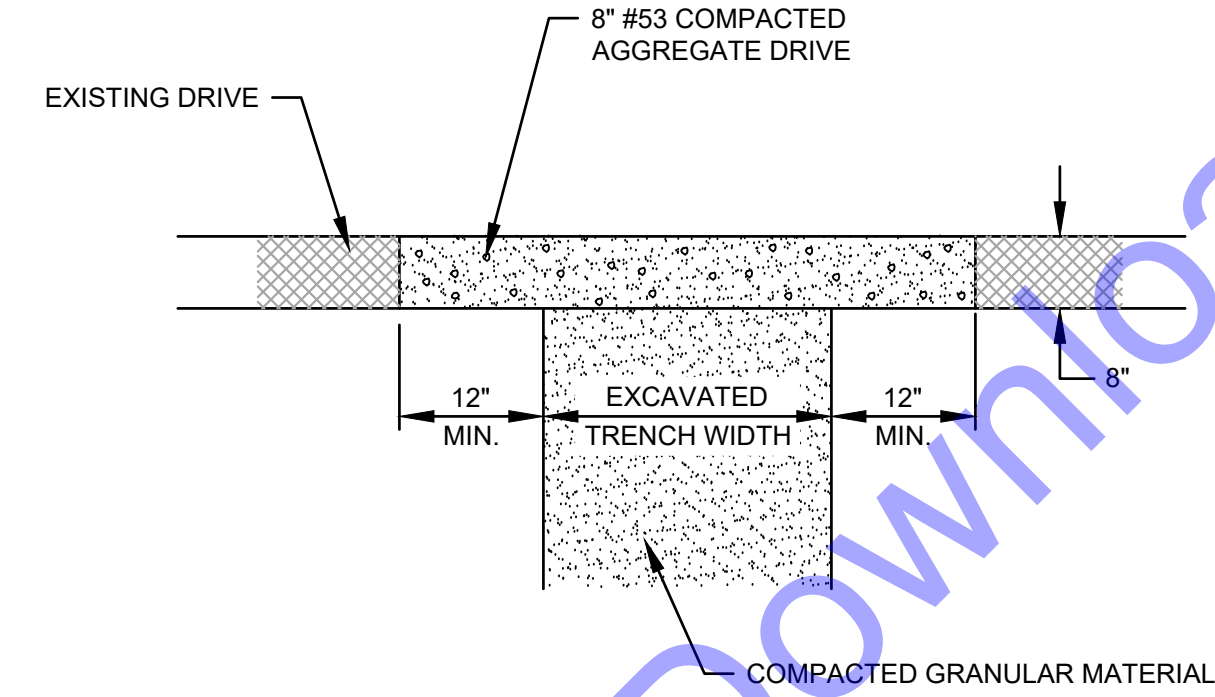
**SURFACE RESTORATION DETAIL
FOR ASPHALT PAVEMENT - ROAD**

NOT TO SCALE



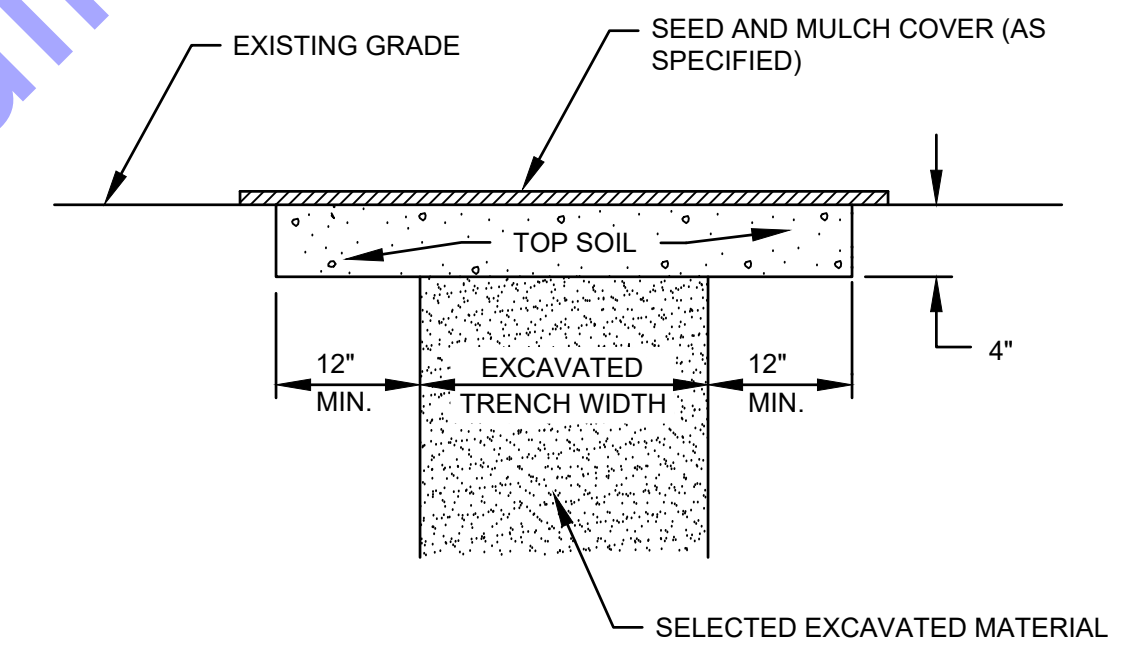
**SURFACE RESTORATION DETAIL
FOR CONCRETE PAVEMENT - DRIVE**

NOT TO SCALE



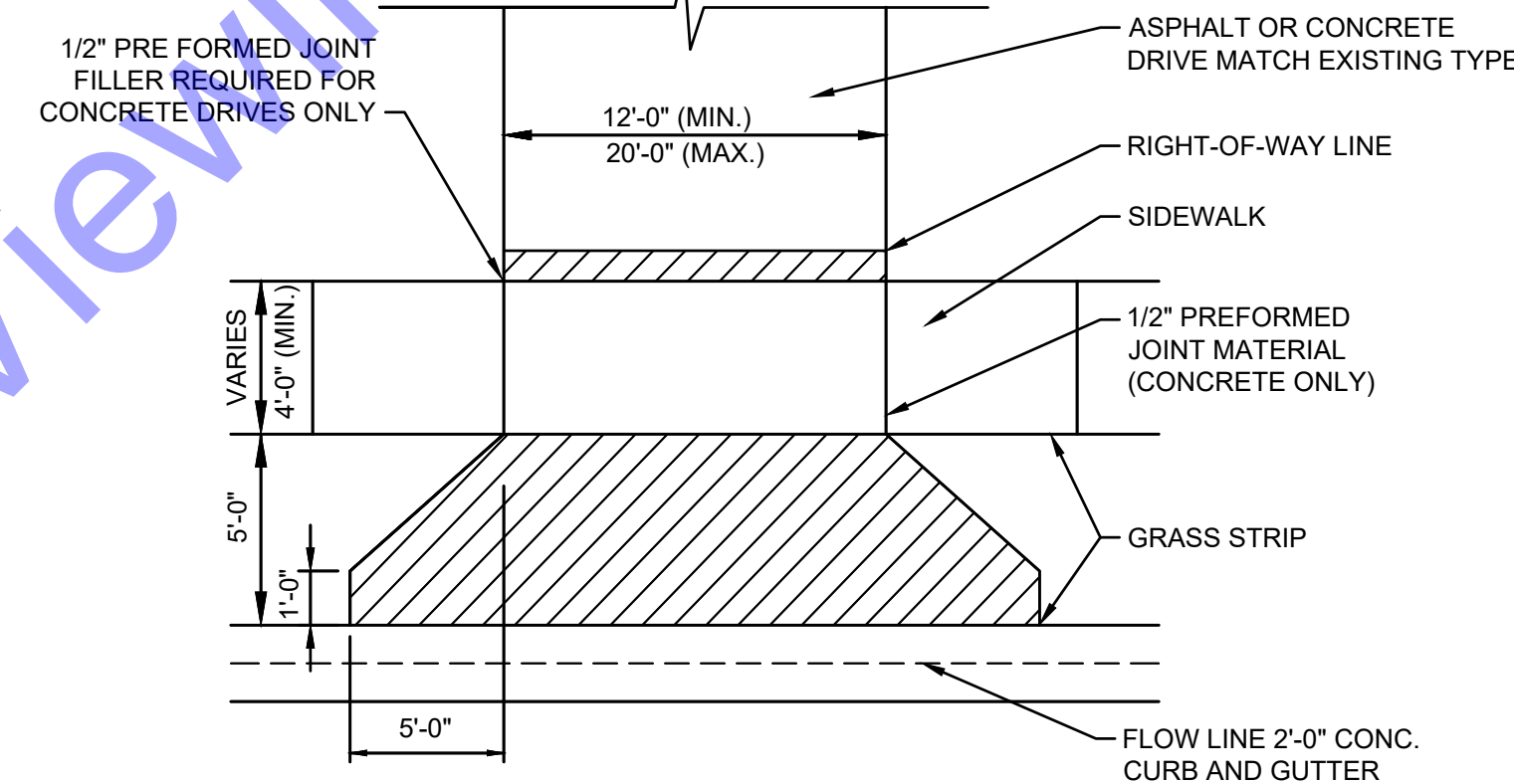
**SURFACE RESTORATION DETAIL
FOR GRAVEL PAVEMENT - ROAD**

NOT TO SCALE



**SURFACE RESTORATION DETAIL
FOR GRASS AREAS**

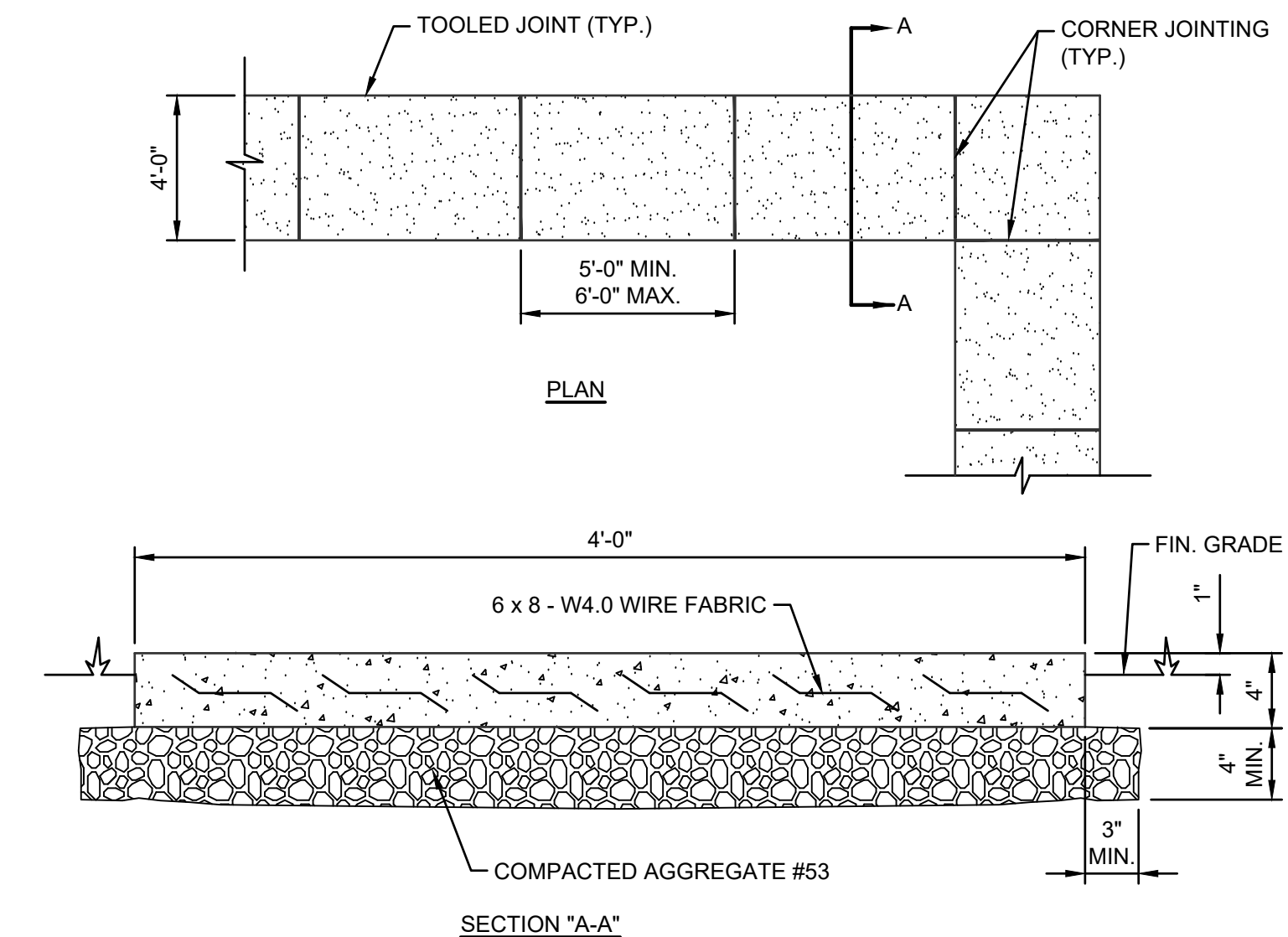
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- CROSS HATCHED AREAS SHALL BE EITHER 6" CONCRETE ON COMPACTED AGGREGATE BASE No. 53 OR 1 1/2" HMA SURFACE TYPE 'A' ON 2 1/2" INTERMEDIATE TYPE 'A' ON 6" COMPACTED AGGREGATE BASE No. 53 EXTENDING TO THE SIDEWALK OR R/W LINE WHICHEVER IS NEAREST TO THE ROADWAY.
- SUBGRADE UNDER ALL CURBS, SIDEWALKS AND DRIVES SHALL BE COMPACTED TO A MINIMUM 95%.
- SIDEWALKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE APPROPRIATE STANDARD AND SHALL BE CONTINUOUS ACROSS DRIVEWAY.

RESIDENTIAL DRIVEWAY DETAIL

NOT TO SCALE

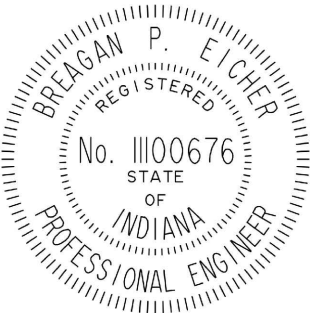


GENERAL NOTES:

- TRANSVERSE JOINTS SHALL BE CUT WITH A JOINTER HAVING A RADIUS OF 1/4" AT SPACING AT A MINIMUM OF 6'-0"
- SIDEWALK SHALL BE 6" THICK WITH 8" OF COMPACTED AGGREGATE No. 53 AT ALL DRIVEWAY CROSSINGS
- SIDE SLOPE SHALL BE 1/4" / FT

CONCRETE SIDEWALK DETAIL

NOT TO SCALE



Signature: Brian P. Ecker Date: 6/16/2026

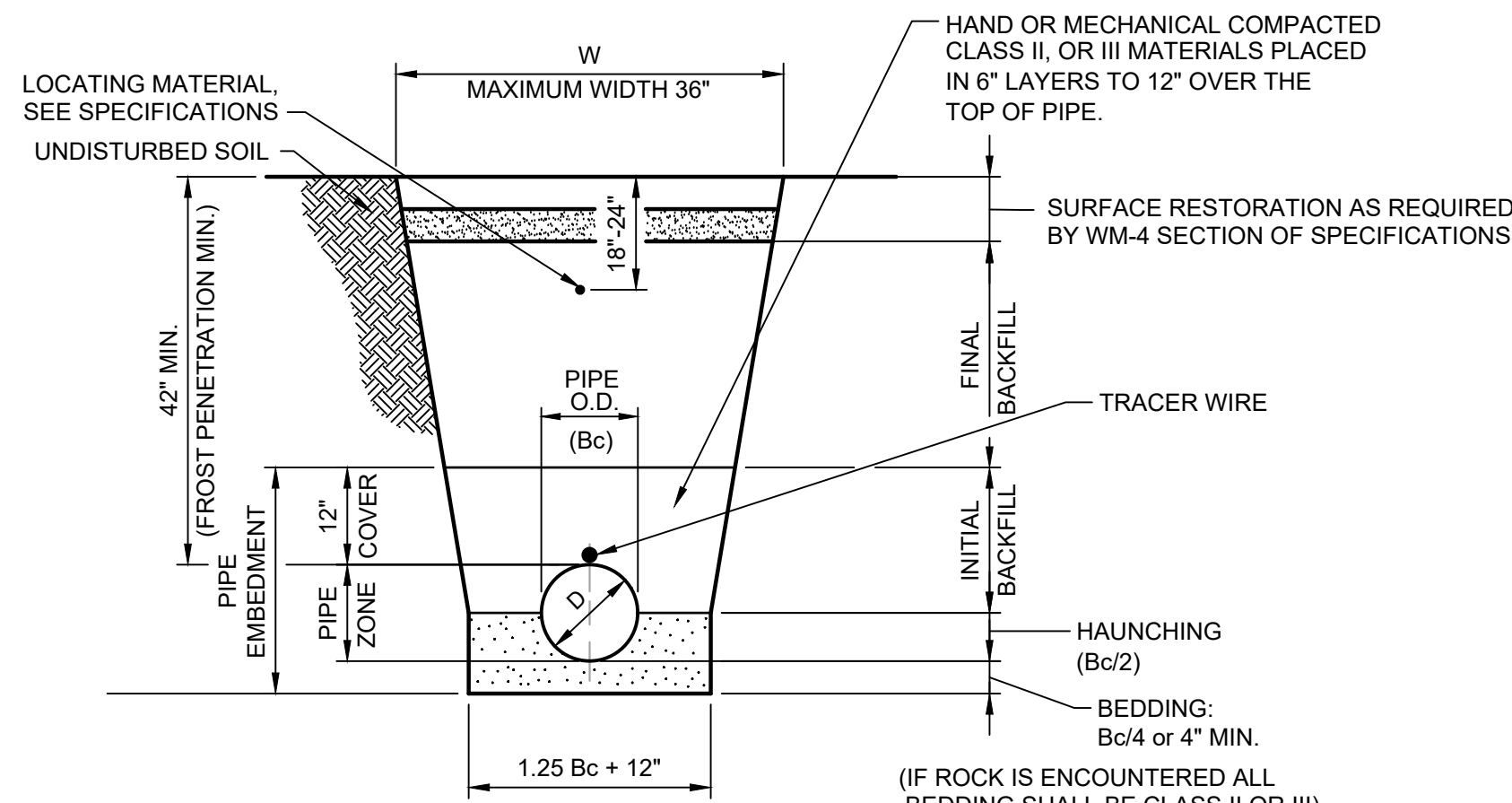
TOWN OF SYRACUSE
 KOSCIUSKO COUNTY, INDIANA
 NEW WATER MAIN AND SERVICE LINE
 REPLACEMENTS - DIVISION "B"

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 Project No: W25078
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MISCELLANEOUS DETAILS



W = MAX. ALLOWABLE TRENCH WIDTH FOR PIPE SHALL NOT TO EXCEED 30 INCHES FOR 4" THROUGH 8" PIPE, 36" FOR 8" THROUGH 12" PIPE.

D = PIPE DIAMETER (INTERNAL)

Bc = PIPE DIAMETER (EXTERNAL)

APPLICATION

GRASSY AREA OR NEW PAVED AREAS

PAVEMENT AREA OR ANY AREA SUBJECT TO VEHICULAR TRAFFIC

BEDDING & HAUNCHING

INITIAL BACKFILL

CLASS I, OR II MATERIAL (REFER TO WORKMANSHIP & MATERIALS SPECIFICATIONS)

CLASS I, II OR III MATERIAL (REFER TO WORKMANSHIP & MATERIALS SPECIFICATIONS)

FINAL BACKFILL

SELECTED EXCAVATED MATERIAL

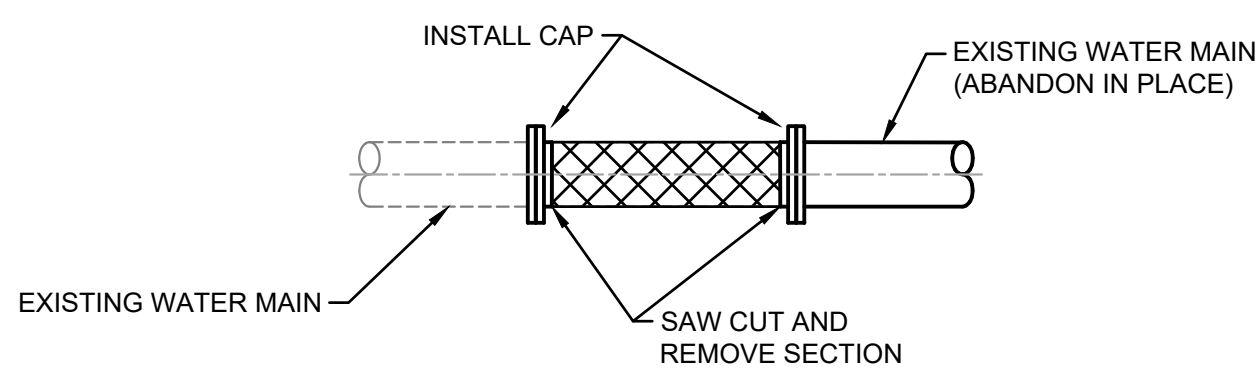
COMPACTED GRANULAR MATERIAL

NOTES:

- INITIAL BACKFILL STOPS AT A POINT 12" ABOVE THE TOP OF THE PIPE. BACKFILLING ABOVE THIS POINT SHALL BE IN ACCORDING WITH THE SPECIFICATIONS AND AS REQUIRED BY HEREIN.
- BEDDING, HAUNCHING AND INITIAL BACKFILL SHALL BE CLASS I, II, OR III MATERIALS ACCORDING TO THE WORKMANSHIP AND MATERIALS SPECIFICATIONS.
- WORK FALLING UNDER THE JURISDICTION OF THE INDIANA DEPARTMENT OF TRANSPORTATION (INDOT) SHALL UTILIZE COMPACTED GRANULAR BACKFILL MATERIAL FOR INITIAL AND FINAL BACKFILL ANYWHERE WITHIN 12 FEET OF THE EDGE OF PAVEMENT.
- WORK NOT FALLING UNDER THE JURISDICTION OF INDIANA DEPT. OF TRANSPORTATION SHALL UTILIZE COMPACTED GRANULAR BACKFILL MATERIAL FOR INITIAL AND FINAL BACKFILL ANYWHERE WITHIN 5 FEET OF THE EDGE OF PAVEMENT.

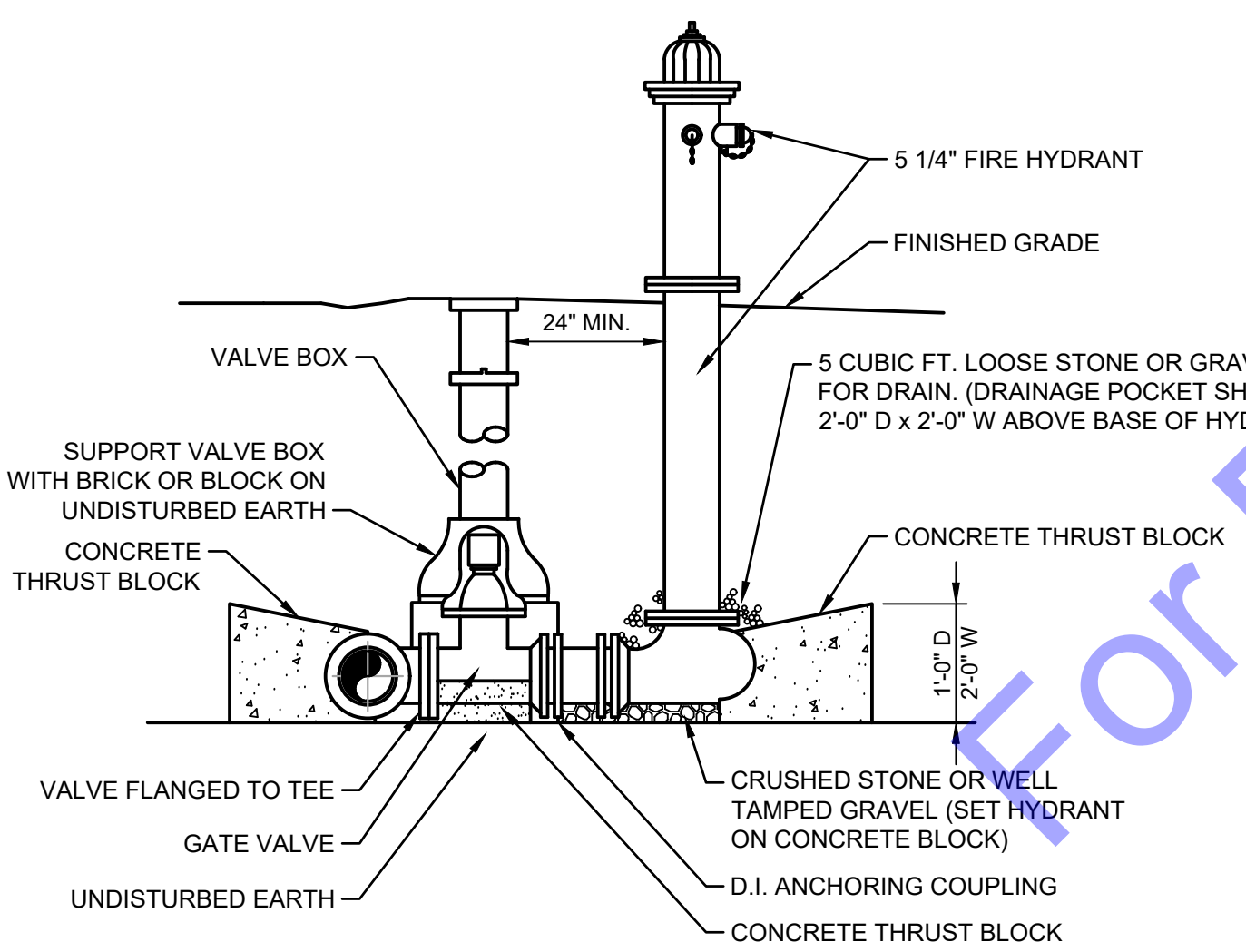
TRENCH DETAIL FOR WATER MAIN

NOT TO SCALE



WATER MAIN CUT AND CAP DETAIL

NOT TO SCALE



FIRE HYDRANT DETAIL

NOT TO SCALE

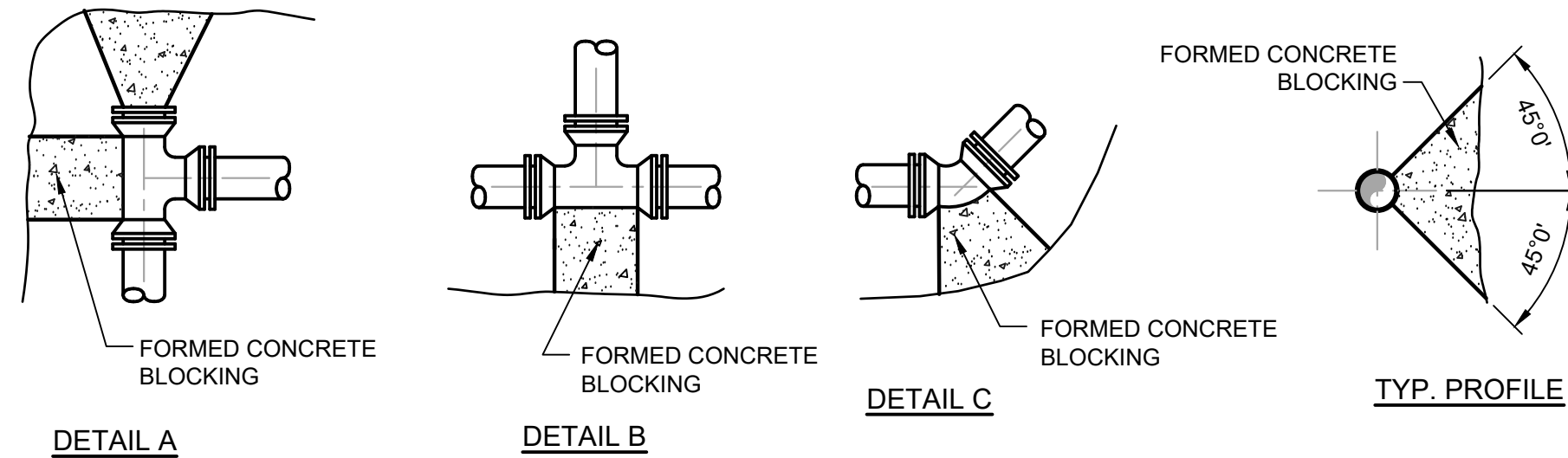


TABLE OF DIMENSIONS FOR CONCRETE BLOCKING

PIPE SIZE	TEE				PLUG				90° BEND				45° BEND				22° BEND				11° BEND				
	L	T	W	D	L	T	W	D	L	T	W	D	L	T	W	D	L	T	W	D	L	T	W	D	
4"	18"	12"	12"	8"	18"	12"	18"	18"	2"	24"	12"	24"	8"	18"	8"	12"	8"	18"	8"	12"	8"	15"	8"	12"	6"
6"	18"	12"	12"	8"	18"	12"	18"	18"	2"	24"	15"	24"	8"	18"	10"	12"	8"	18"	10"	12"	8"	18"	10"	18"	6"
8"	30"	12"	24"	8"	30"	18"	30"	24"	4"	36"	16"	30"	8"	24"	12"	18"	8"	24"	18"	18"	8"	24"	12"	18"	8"
10"	36"	18"	30"	10"	36"	18"	36"	24"	4"	48"	20"	36"	10"	30"	14"	24"	10"	30"	14"	24"	10"	24"	14"	18"	8"
12"	48"	18"	36"	10"	42"	18"	42"	24"	4"	54"	24"	48"	10"	36"	16"	30"	10"	36"	16"	30"	10"	30"	16"	24"	10"
14"	54"	24"	42"	12"	48"	18"	48"	30"	6"	60"	28"	60"	12"	42"	16"	42"	12"	42"	16"	42"	12"	33"	16"	27"	12"
16"	60"	24"	48"	12"	54"	18"	54"	30"	6"	66"	32"	63"	12"	48"	18"	48"	12"	48"	18"	48"	12"	36"	18"	30"	12"
18"	66"	30"	60"	14"	60"	24"	60"	36"	6"	66"	36"	66"	14"	54"	18"	54"	14"	54"	18"	54"	14"	39"	18"	33"	14"
20"	72"	30"	60"	14"	66"	24"	66"	36"	8"	72"	40"	69"	14"	60"	20"	60"	14"	60"	20"	60"	14"	42"	20"	36"	14"
24"	84"	36"	72"	18"	78"	30"	78"	42"	8"	84"	48"	75"	18"	72"	22"	72"	18"	72"	22"	72"	18"	48"	22"	42"	18"
30"	96"	42"	78"	24"	96"	36"	78"	48"	10"	108"	54"	96"	24"	84"	24"	72"	24"	84"	24"	72"	24"	54"	26"	48"	24"
42"	144"	48"	96"	36"	144"	42"	96"	60"	10"	180"	66"	144"	36"	120"	36"	96"	36"	84"	34"	72"	36"	60"	34"	48"	36"

- NOTES:
- FOR TEE WITH BRANCH UNEQUAL TO RUN USE TEE TYPE KICKER WITH D, L, AND W DIMENSIONS THE SAME AS THOSE FOR PLUG WITH SAME DIAMETER AS BRANCH OF TEE. SELECT "T" DIMENSIONS FROM TEE TABLE UNDER COLUMN HEADED BY THE SIZE OF THE BRANCH
 - IF EXACT SIZE PIPE BLOCKING IS NOT SHOWN USE NEXT LARGER SIZE
 - DEPTH "D" MAY BE GREATER THAN SPECIFIED TO ALLOW WORKING SPACE
 - BLOCKING MUST BE PLACED AGAINST UNDISTURBED EARTH OR ROCK
 - CONCRETE BLOCKING SHALL BE CLASS "B"

THRUST BLOCKING DETAIL

NOT TO SCALE

DESIGN CRITERIA FOR RESTRAINT JOINT REQUIREMENTS

PIPE	SOIL	SAFETY FACTOR	TRENCH TYPE	DEPTH	TEST PRESSURE
PVC	ML, Gran Fill	2	5	5	150 PSI

HORIZONTAL BENDS

PIPE SIZE	11.25°	22.5°	45°	90°
4"	10'	10'	10'	12'
6"	10'	10'	10'	16'
8"	10'	10'	10'	21'
12"	10'	10'	13'	29'

REDUCERS

12"x6"	65'
12"x8"	48'

DEAD ENDS

6"	48'
8"	63'
12"	89'

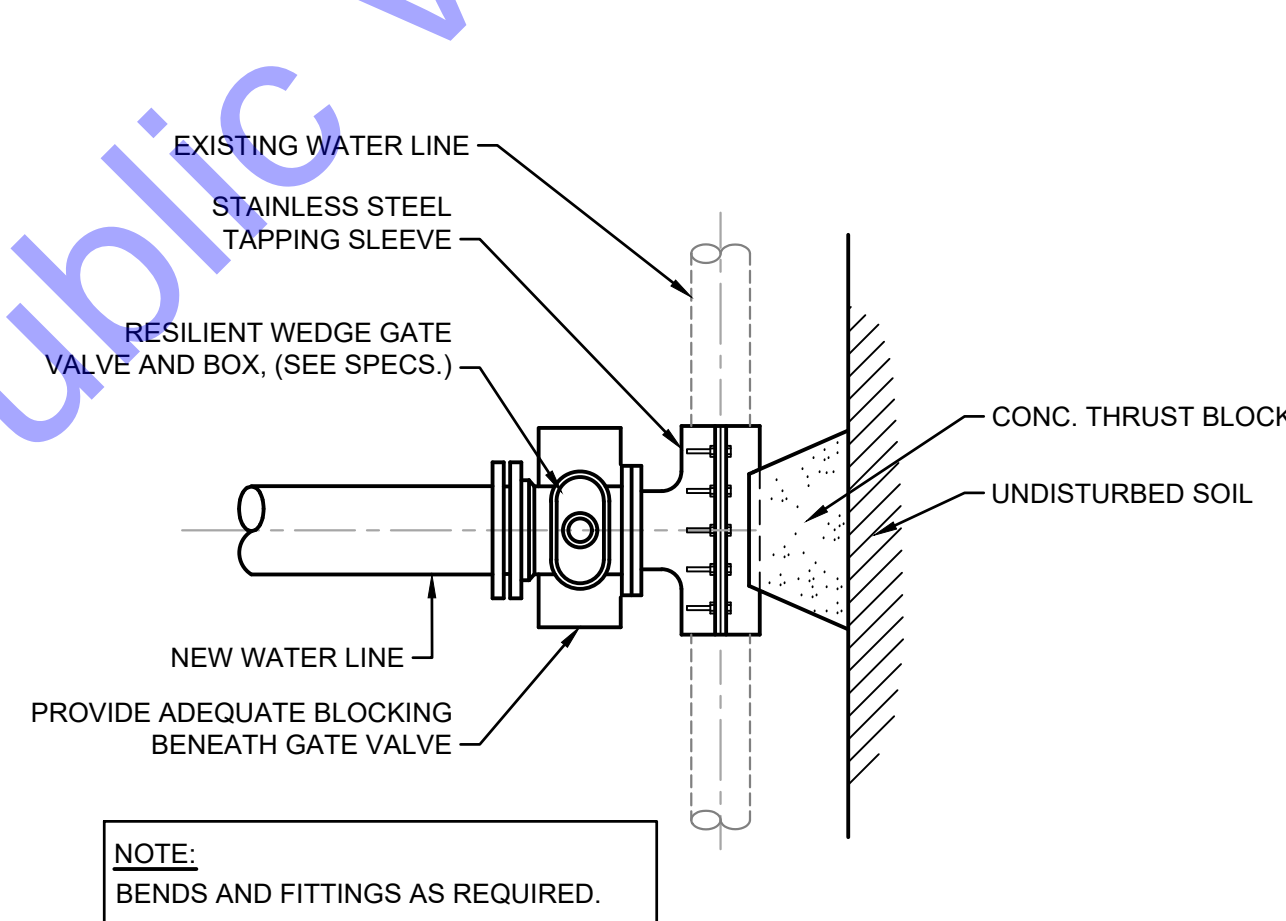
TEES

BRANCH	6"x4"	6"x6"	8"x6"	8"x8"	12"x6"	12"x8"	12"x12"
BRANCH	22'	40'	37'	55'	32'	50'	81'
RUN	10'	10'	10'	10'	10'	10'	10'

ALL IN-LINE VALVES SHALL BE TREATED AS A DEAD END WHEN DETERMINING LENGTH OF PIPE UTILIZING JOINT RESTRAINTS. JOINTS SHALL BE RESTRAINED IN BOTH DIRECTIONS FROM THE VALVE.

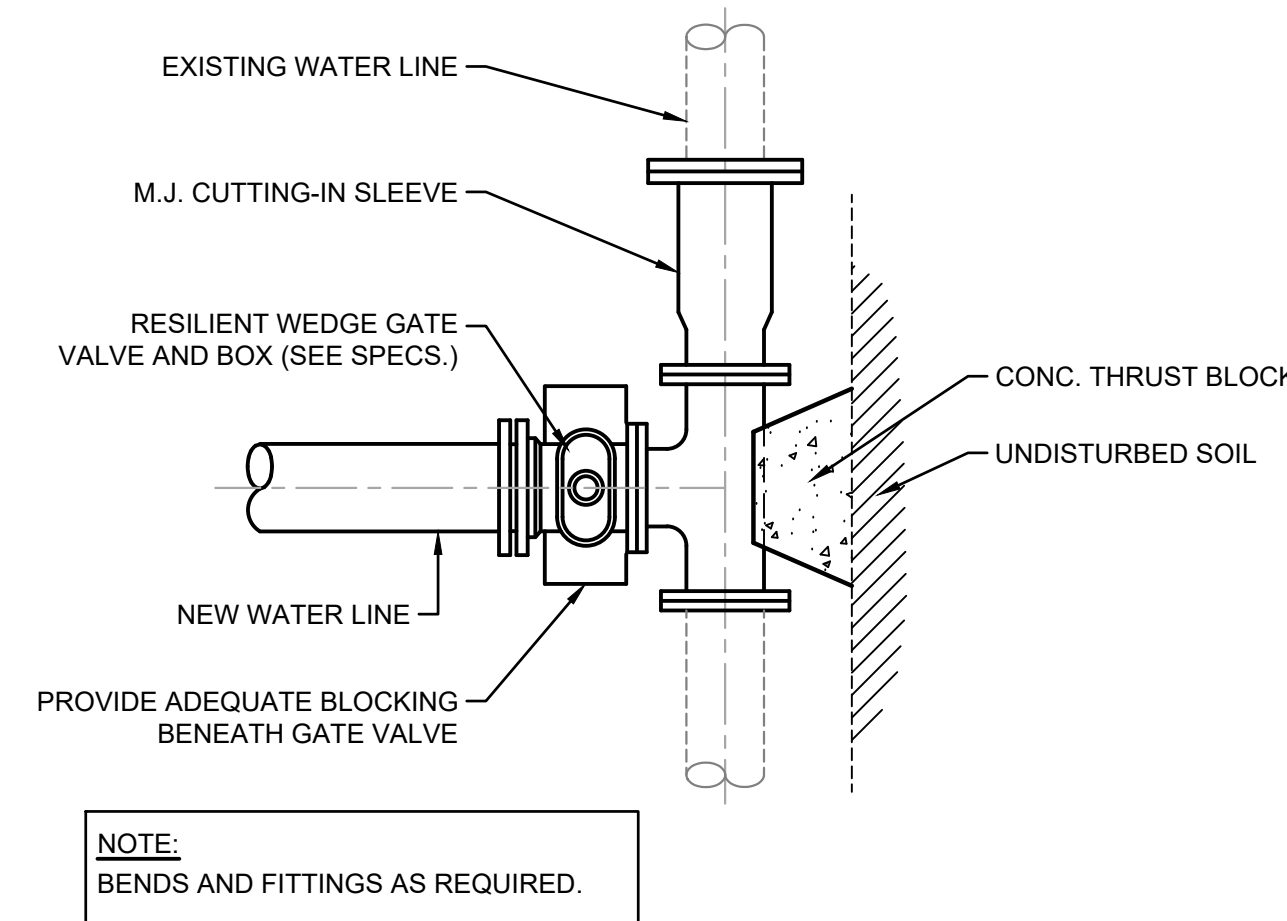
RESTRAINED JOINT LENGTH TABLES

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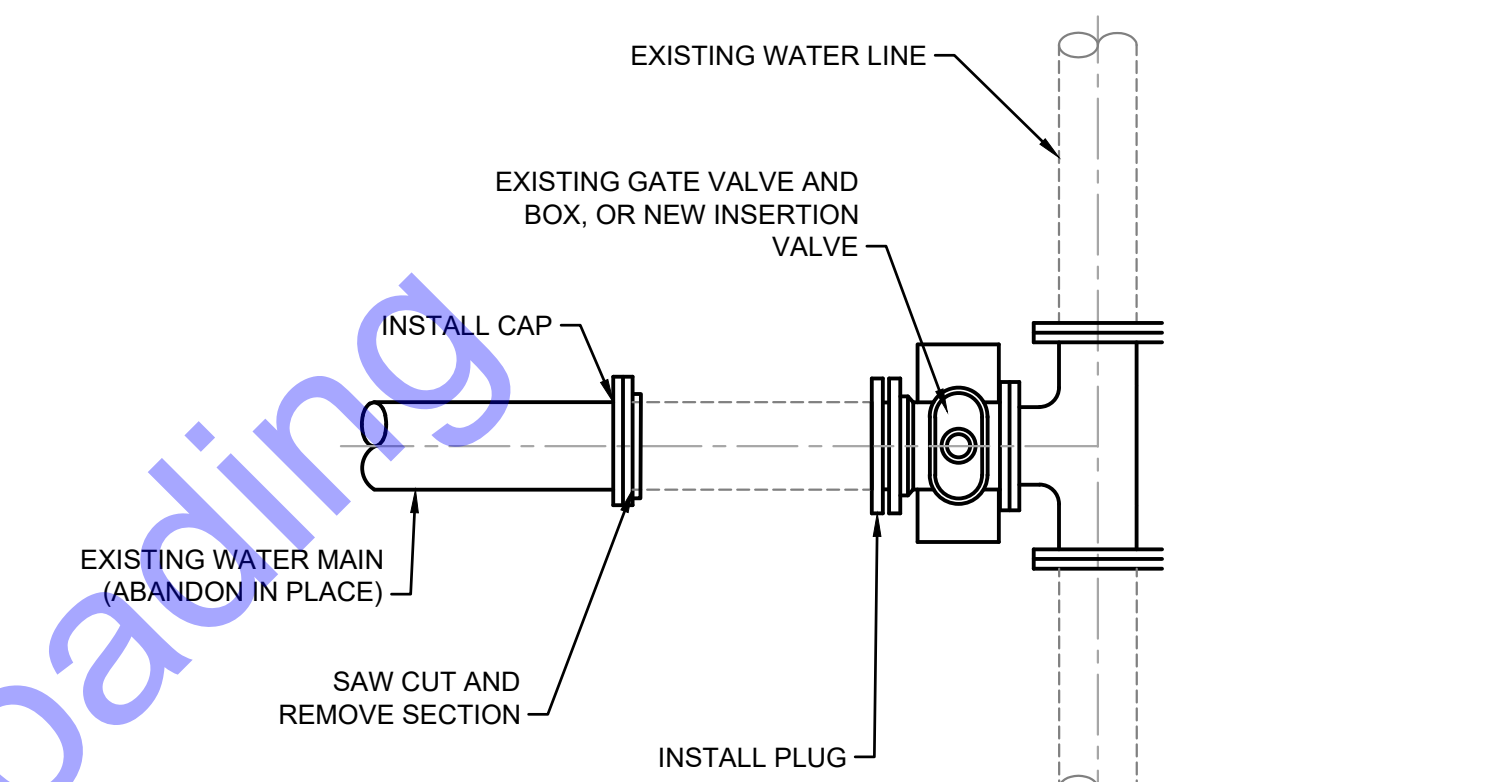
TYPE "A" CONNECTION TO EXISTING WATER MAIN

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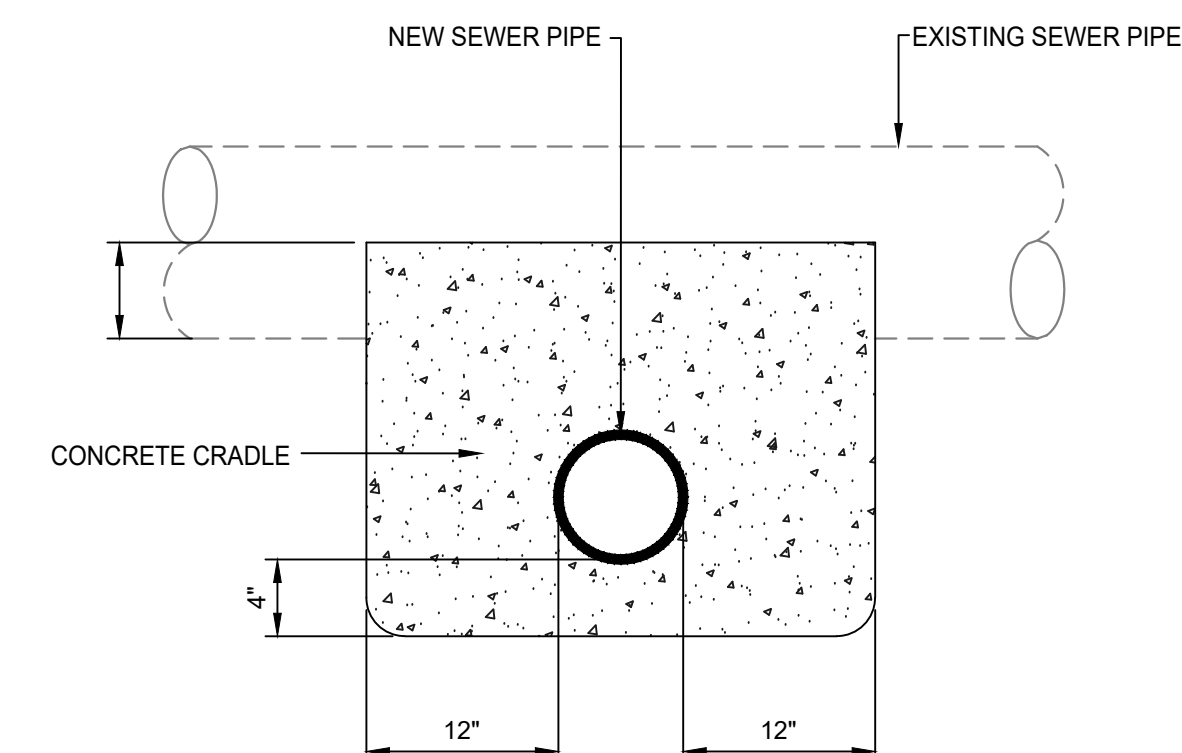
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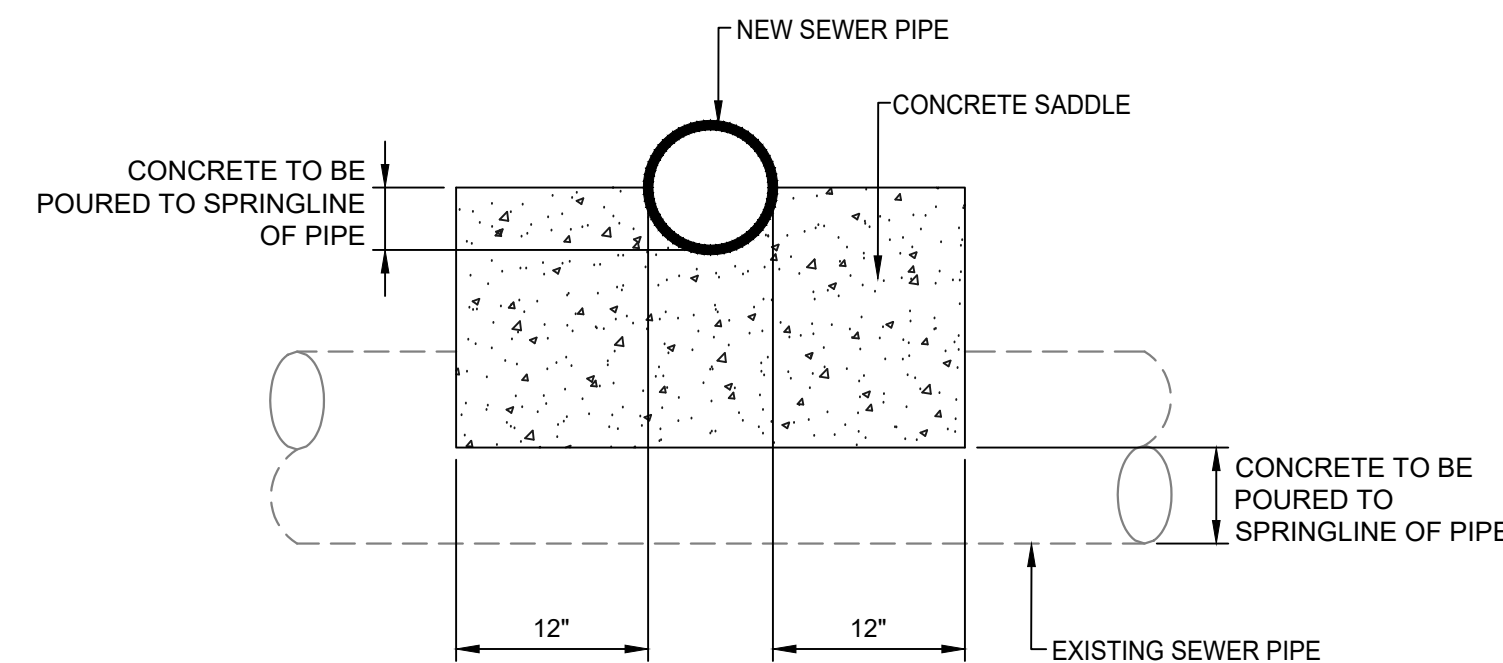
CUT AND CAP/PLUG DETAIL

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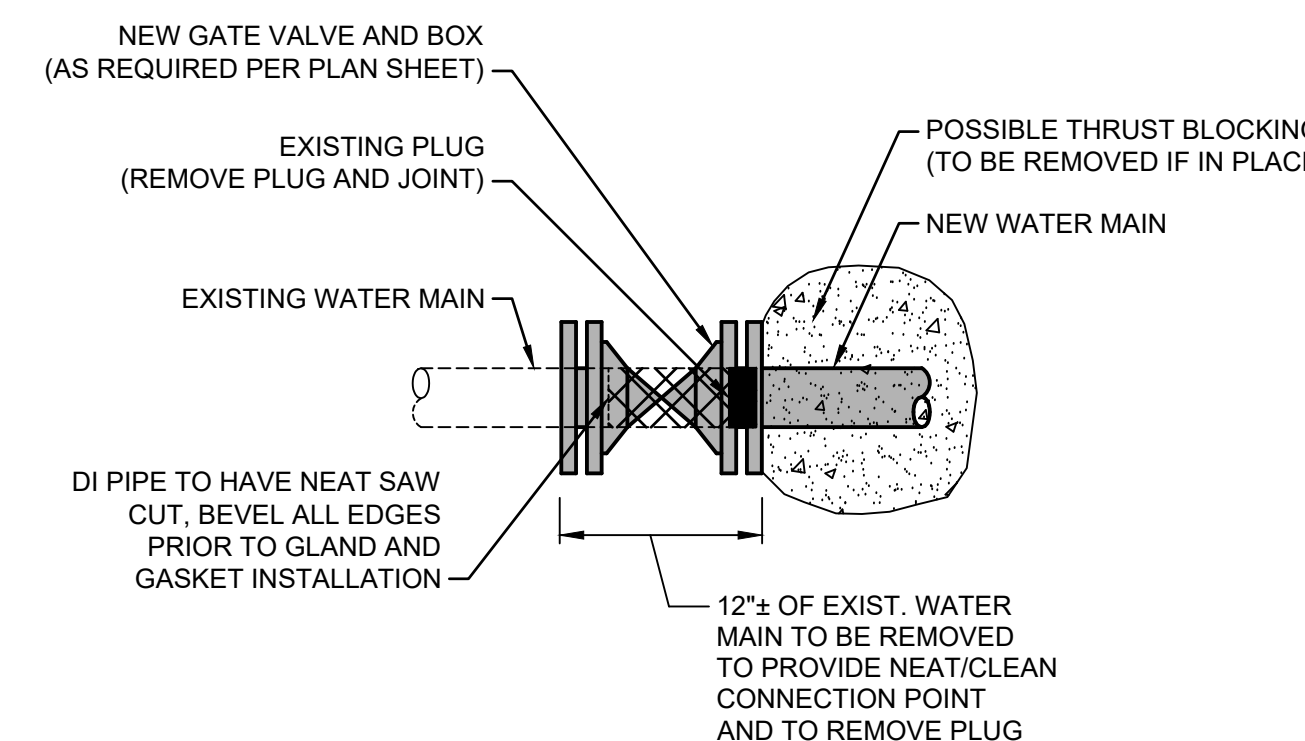
CONCRETE CRADLE DETAIL

NOT TO SCALE



CONCRETE SADDLE DETAIL

NOT TO SCALE



TYPE "C" CONNECTION TO EXISTING WATER MAIN

NOT TO SCALE

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BPE	KJG	JDH

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MISCELLANEOUS DETAILS

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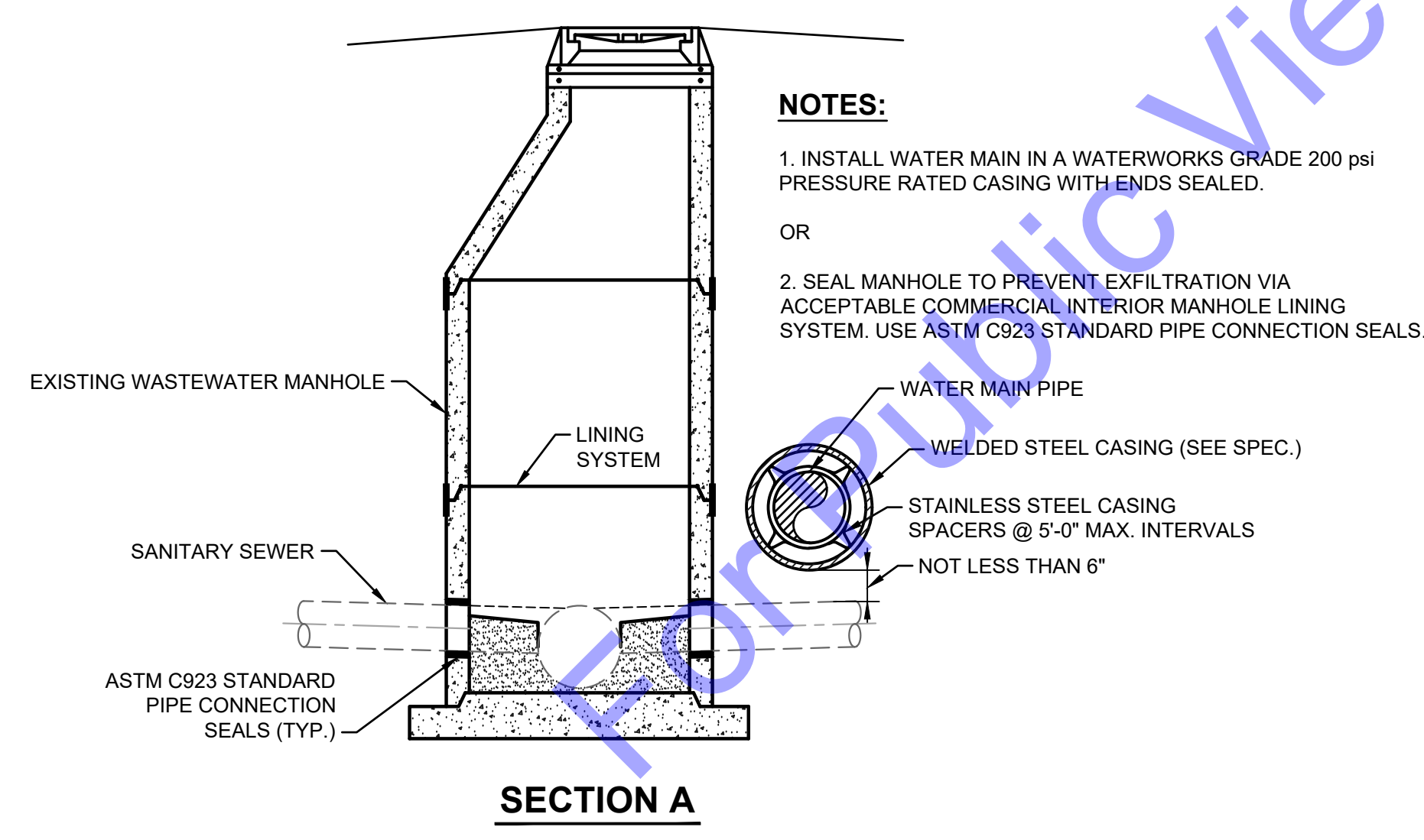
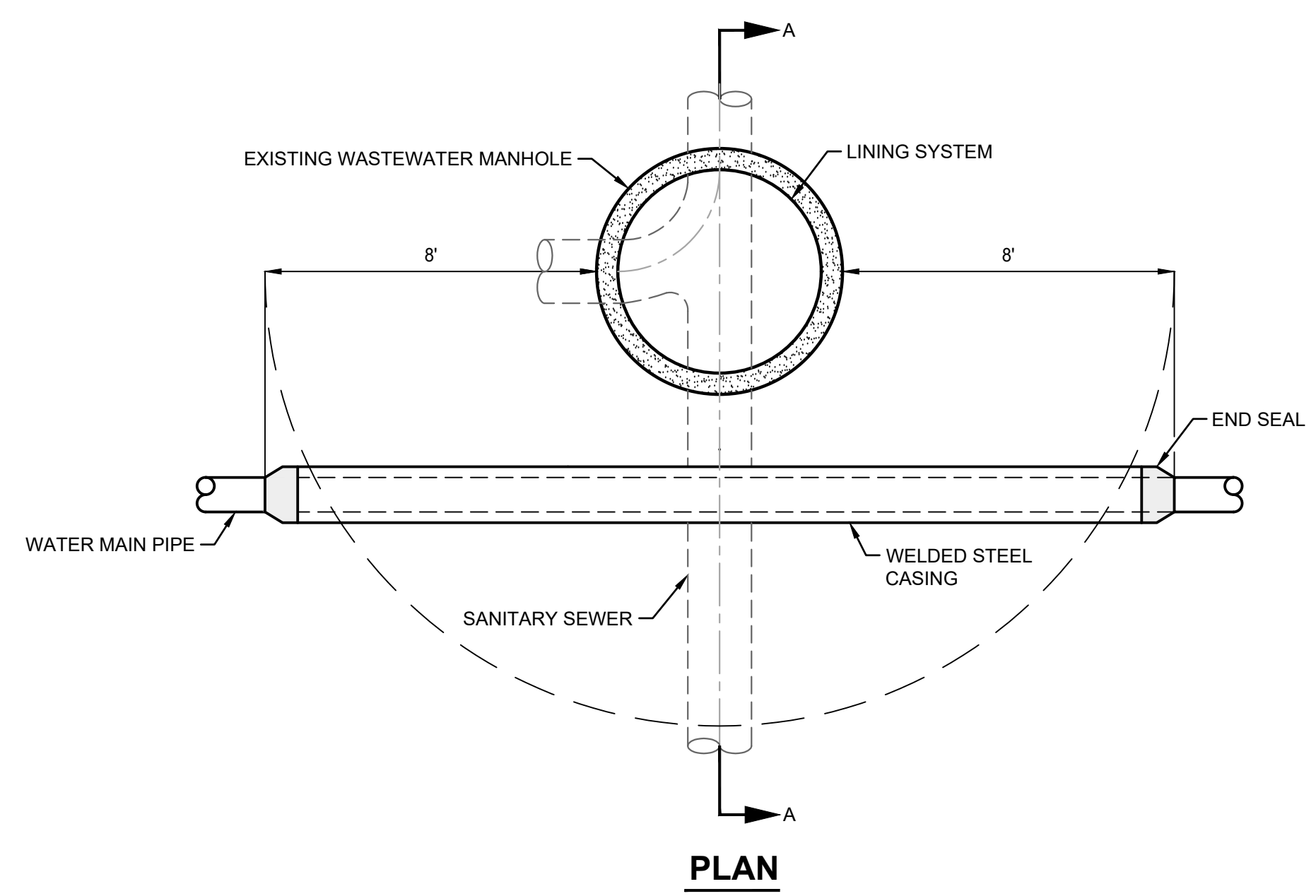
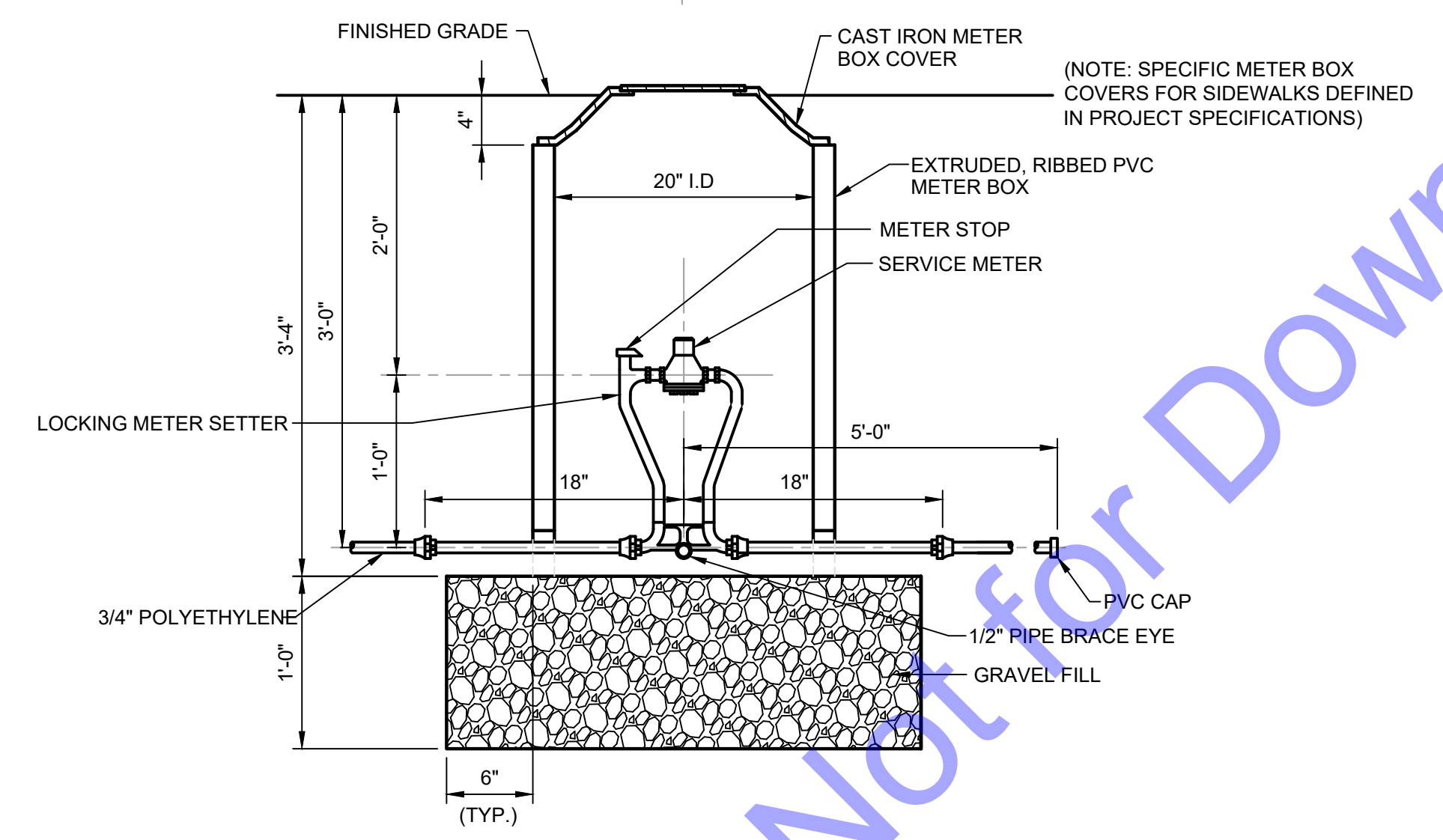
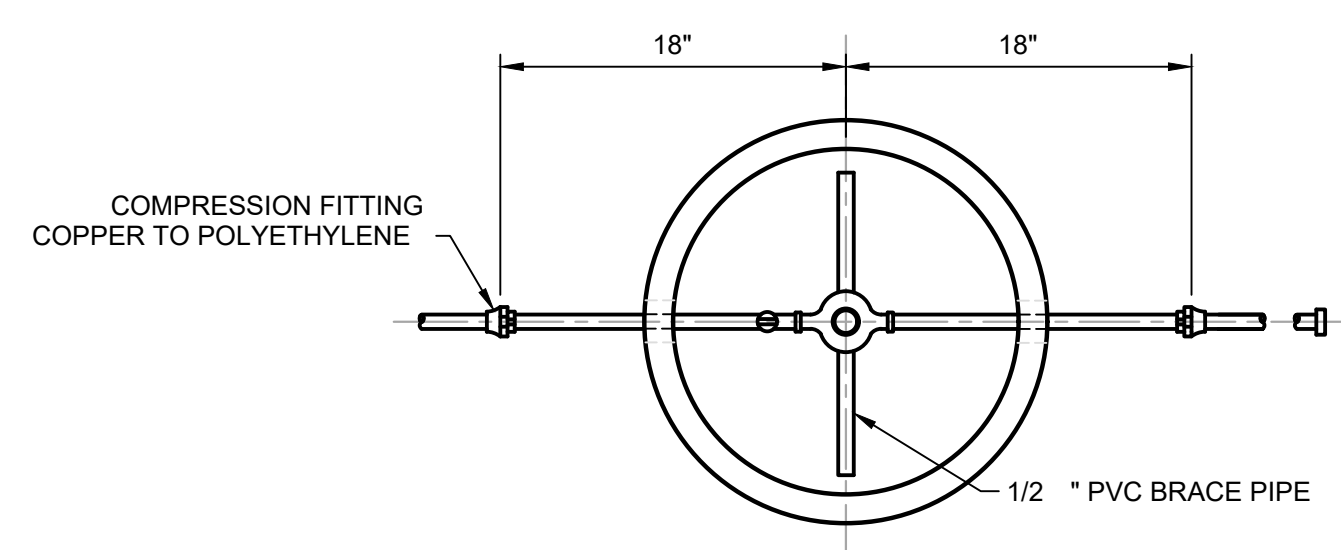
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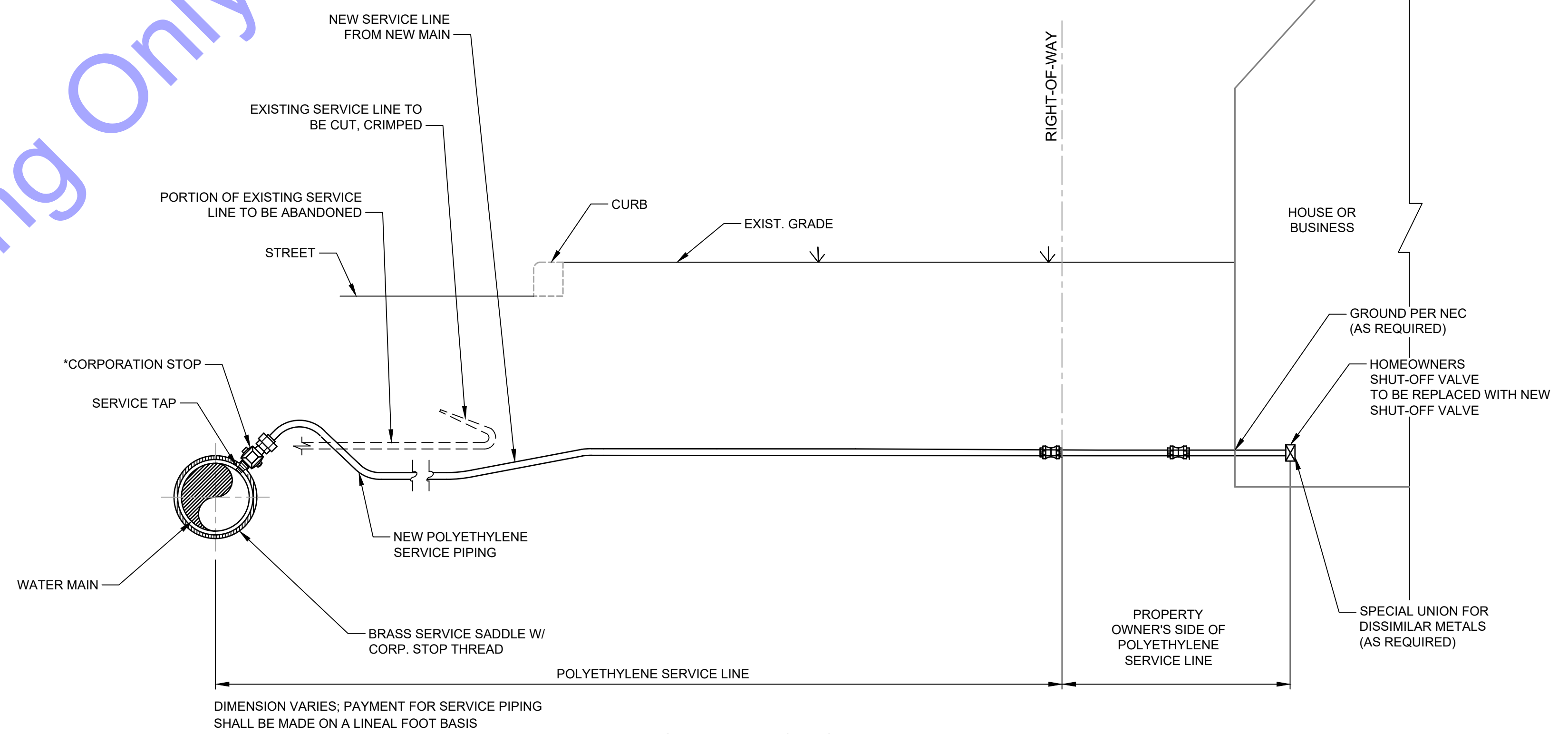
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 Issue Date: 6/16/2026 Project No: W25078 Scale: AS SHOWN

MISCELLANEOUS DETAILS



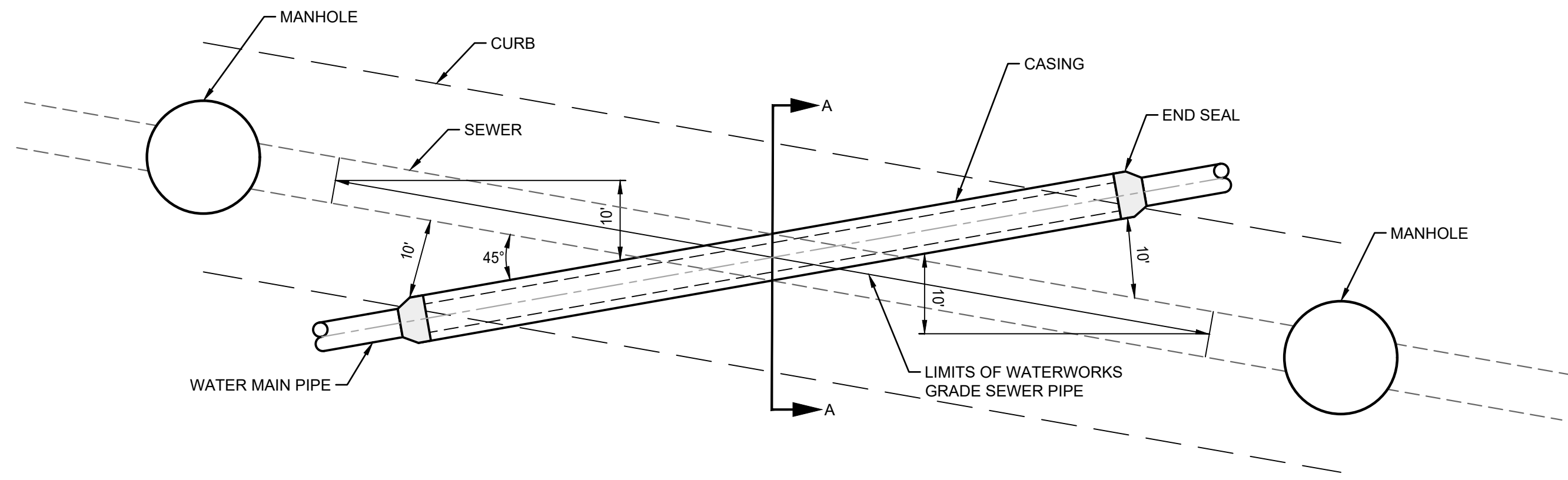
WATER-HORIZONTAL SEPARATION FROM EXISTING WASTEWATER MANHOLES
 NOT TO SCALE



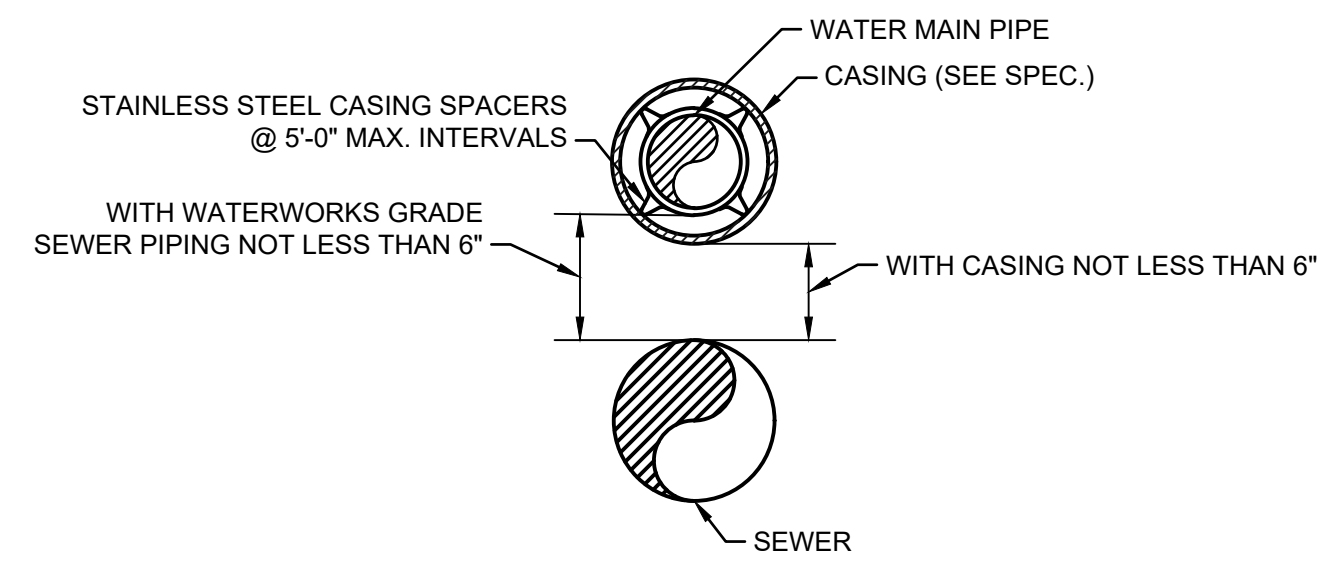
GENERAL NOTES:
 1. CORPORATION STOP SHALL BE FORD.
 2. NEW METER PIT SHALL HAVE ANGLE SHUT OFF ON TOWN SIDE OF PIT.
 3. ALL ABANDONED CORP. STOPS SHALL BE PLUGGED.

TYPICAL SERVICE TAP, SERVICE LINE RECONNECTION DETAIL
 NOT TO SCALE

FILE: Z:\SHARED\CLIENTS\N2\SYRACUSE\DWG\WATER\UTILITY IMPROVEMENTS\CAD\CURRENT FILES\MISCELLANEOUS DETAILS.DWG
 Sheet: 6/17/2026 8:33:52 AM Project: 6/17/2026 10:51:10 AM Current User: Mark Johnson kash@commonwealth.com



PLAN



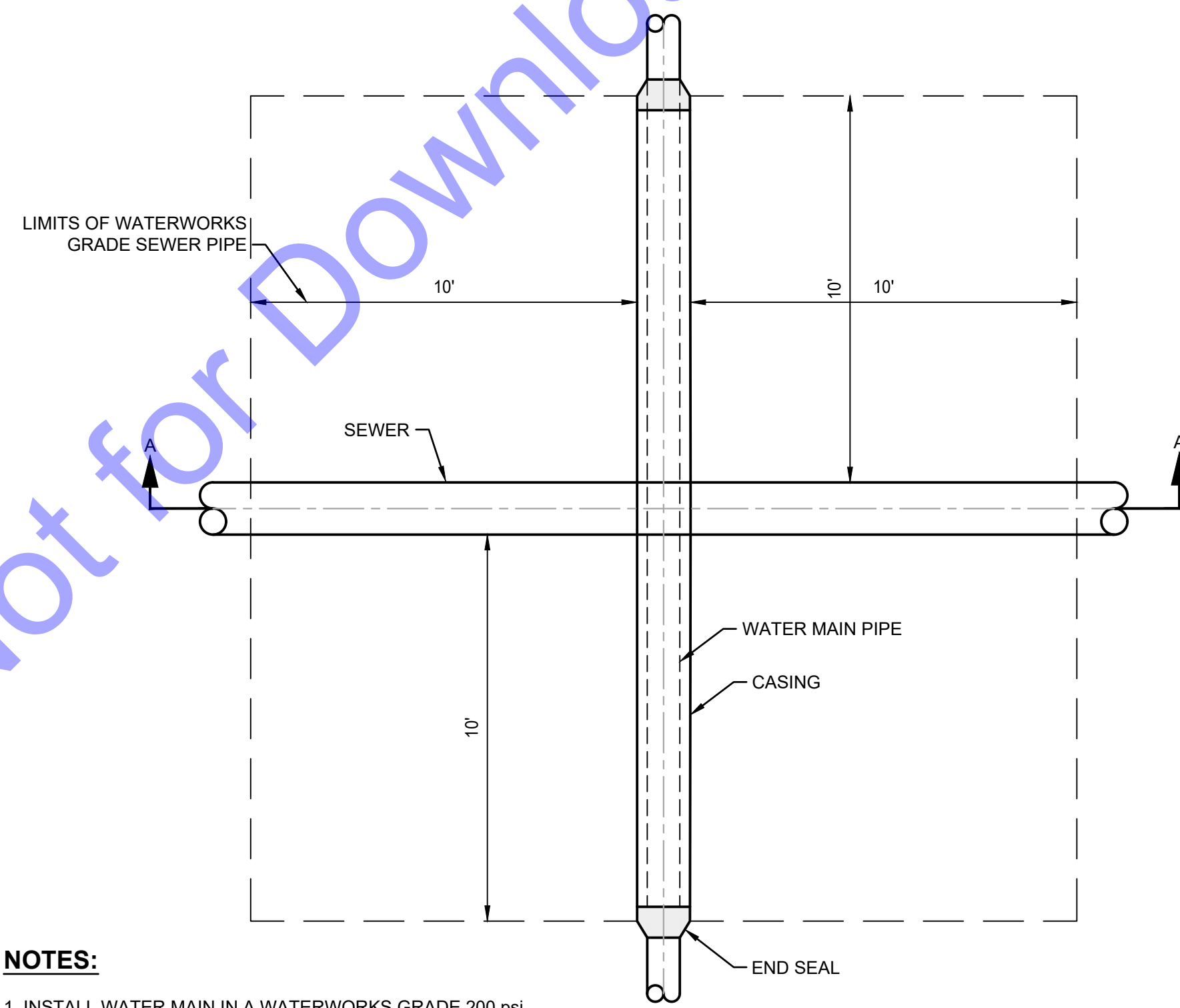
SECTION A

NOTES:

1. INSTALL WATER MAIN IN A WATERWORKS GRADE 200 psi PRESSURE RATED CASING WITH ENDS SEALED.
- OR
2. INSTALL SEWER USING WATERWORKS GRADE 200 psi PRESSURE RATED PIPE WITH COMPRESSION TYPE JOINTS.
- OR
3. LINE SEWERS WITH COMMERCIAL GRADE INTERIOR LINING SYSTEM AND TEST FOR LEAKAGE AND CONFIRM WATERTIGHT.

WATER-HORIZONTAL SEPARATION FROM SEWERS

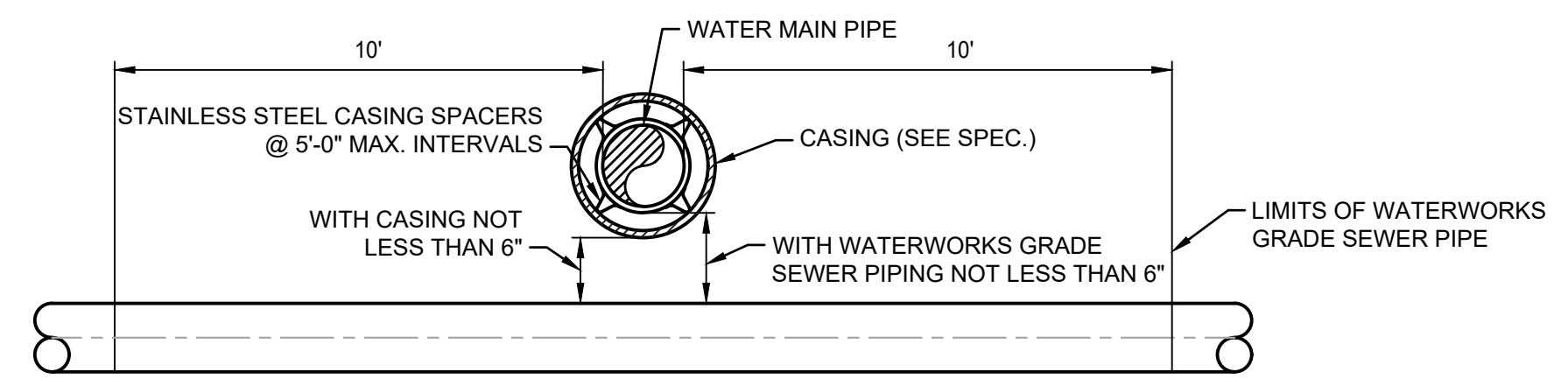
NOT TO SCALE



PLAN

NOTES:

1. INSTALL WATER MAIN IN A WATERWORKS GRADE 200 psi PRESSURE RATED CASING WITH ENDS SEALED.
- OR
2. INSTALL SEWER USING WATERWORKS GRADE 200 psi PRESSURE RATED PIPE WITH COMPRESSION TYPE JOINTS.

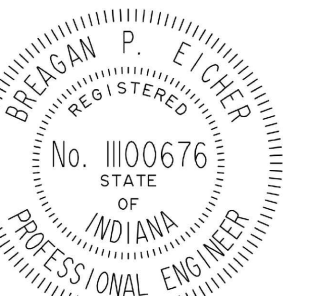


SECTION A

WATER-VERTICAL SEPARATION FROM SEWERS

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Signature: *Brian P. Eicher* Date: 6/16/2026

TOWN OF SYRACUSE
 KOSCIUSKO COUNTY, INDIANA
 NEW WATER MAIN AND SERVICE LINE
 REPLACEMENTS - DIVISION "B"



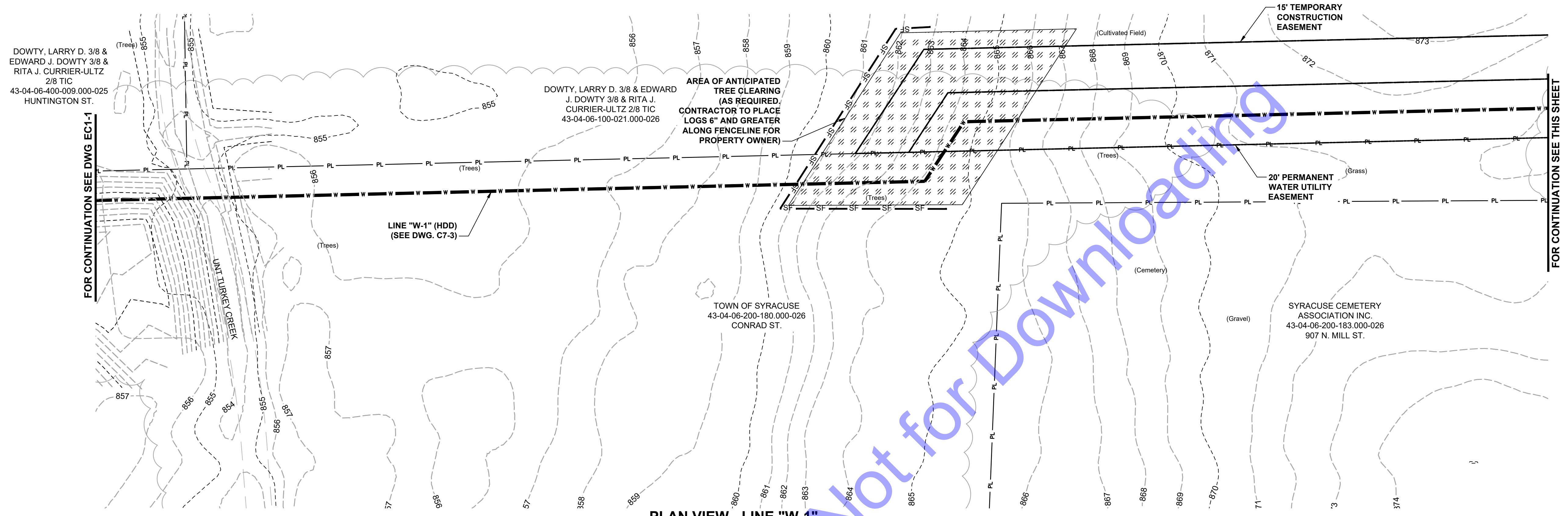
No.	Submittal / Revision	Date	By

Designed By:	Drawn By:	Checked By:
BPE	KJG	JDH
Issue Date:	Project No:	Scale:
6/16/2026	W25078	AS SHOWN

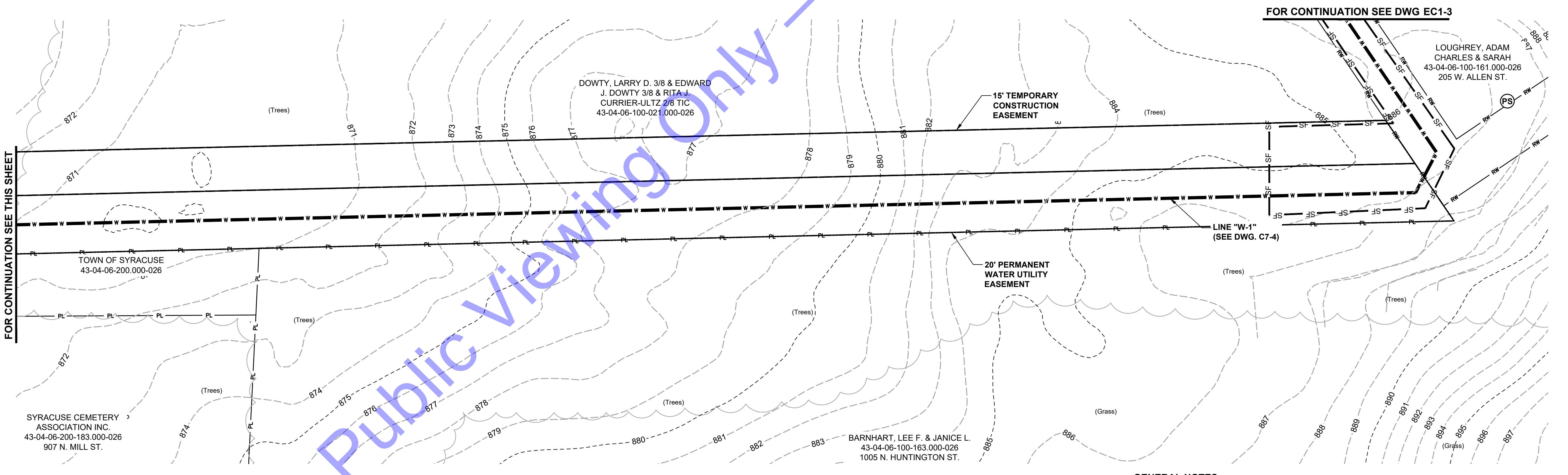
MISCELLANEOUS
 DETAILS

Drawing No:
MD4

FILE Z:\ENR\IN\CLIENTS\N\S\SYRACUSE\0908_WATER UTILITY IMPROVEMENTS\CADD\DRAWINGS\DIVISION B\EROSION CONTROL\LINE W-1\DWG
Sheet: 6/17/2026 10:33:54 AM Plotted: 6/17/2026 10:56:00 AM Current User: Mike_Hughes\mike_hughes



PLAN VIEW - LINE "W-1"
SCALE: 1"=20'-0"
0 20' 40'

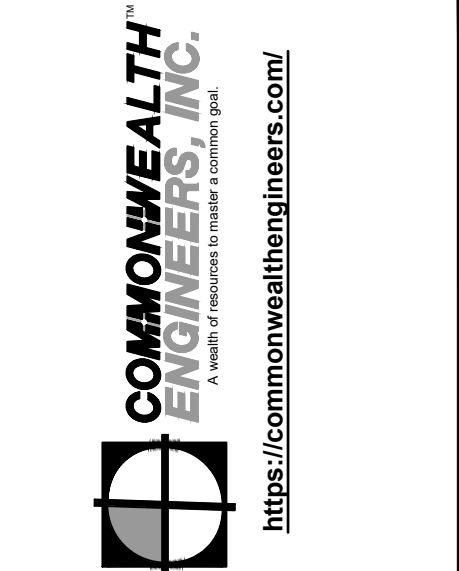


PLAN VIEW - LINE "W-1"
SCALE: 1"=20'-0"
0 20' 40'

- EROSION CONTROL LEGEND:**
- (PS) PERMANENT SEEDING
 - SF— SILT FENCE
 - (IP) INLET PROTECTION

GENERAL NOTES:

- CONTRACTOR SHALL PROVIDE ADDITIONAL EROSION CONTROL MEASURES AS SPECIFIED IN THE DETAILED SPECIFICATIONS, INCLUDING BUT NOT LIMITED TO CONCRETE WASHOUT STATIONS, TEMPORARY CONSTRUCTION ENTRANCES, TEMPORARY SEEDING, ETC. AS REQUIRED DURING THE DURATION OF THE PROJECT TO MAINTAIN COMPLIANCE WITH THE GENERAL STORM WATER CONSTRUCTION PERMIT. CONTRACTOR SHALL ADHERE TO ALL REQUIREMENTS OF THE GENERAL STORM WATER CONSTRUCTION PERMIT, INCLUDING PROVIDING REQUIRED NOTIFICATIONS TO THE REQUIRED AGENCIES.
- SEE DRAWING EC4 FOR EROSION CONTROL DETAILS.
- CONTRACTOR SHALL INSTALL SILT FENCE PER DETAIL ON DWG. EC4 AT PERIMETER OF ALL BORE/RECEIVING PITS USED DURING THE HORIZONTALLY DIRECTIONALLY DRILLED WATER MAIN INSTALLATION.
- ACCESS TO THIS PORTION OF THE WORK MAY BE THROUGH THE ALLEY AND EASEMENTS TO THE EAST, OR THROUGH CITY OWNED PROPERTY DIRECTLY SOUTH OF THIS PORTION OF THE WATER MAIN.



BRIEGAN P. ECHER
REGISTERED PROFESSIONAL ENGINEER
No. 1100676
STATE OF INDIANA
Signature: *Briegan P. Echer* Date: 6/16/2026

TOWN OF SYRACUSE
KOSCIUSKO COUNTY, INDIANA
NEW WATER MAIN AND SERVICE LINE
REPLACEMENTS - DIVISION "B"

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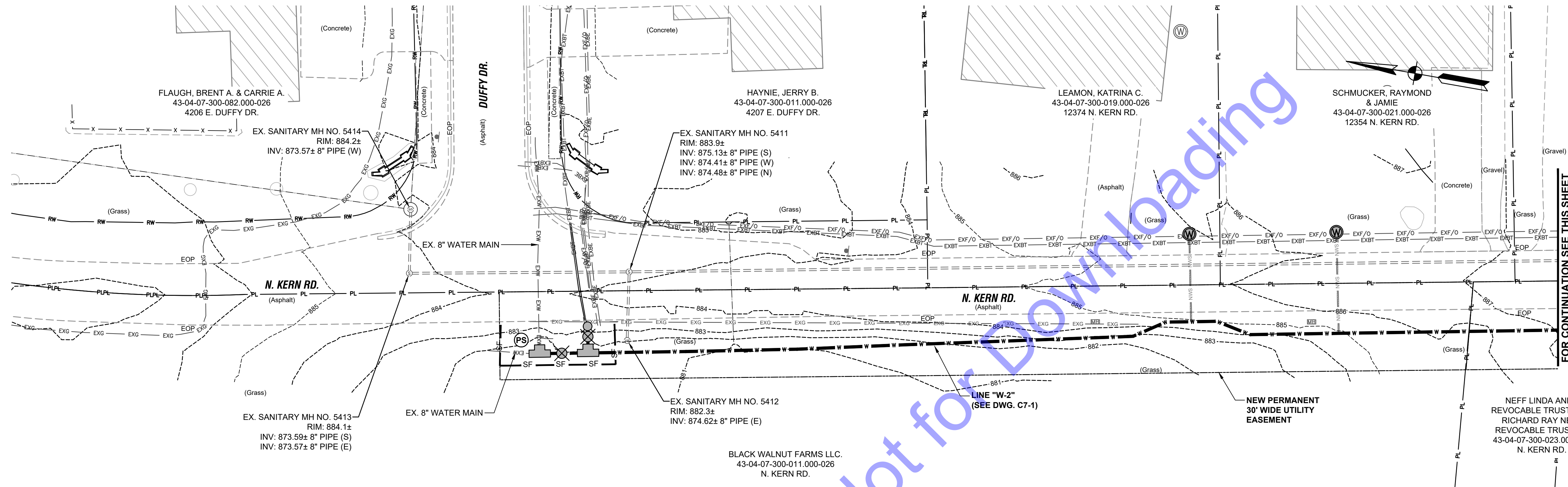
No.	Submittal / Revision	Date	By

Designed By: BPE Drawn By: KJG Checked By: JDH
Issue Date: 6/16/2026 Project No: W25078 Scale: AS SHOWN

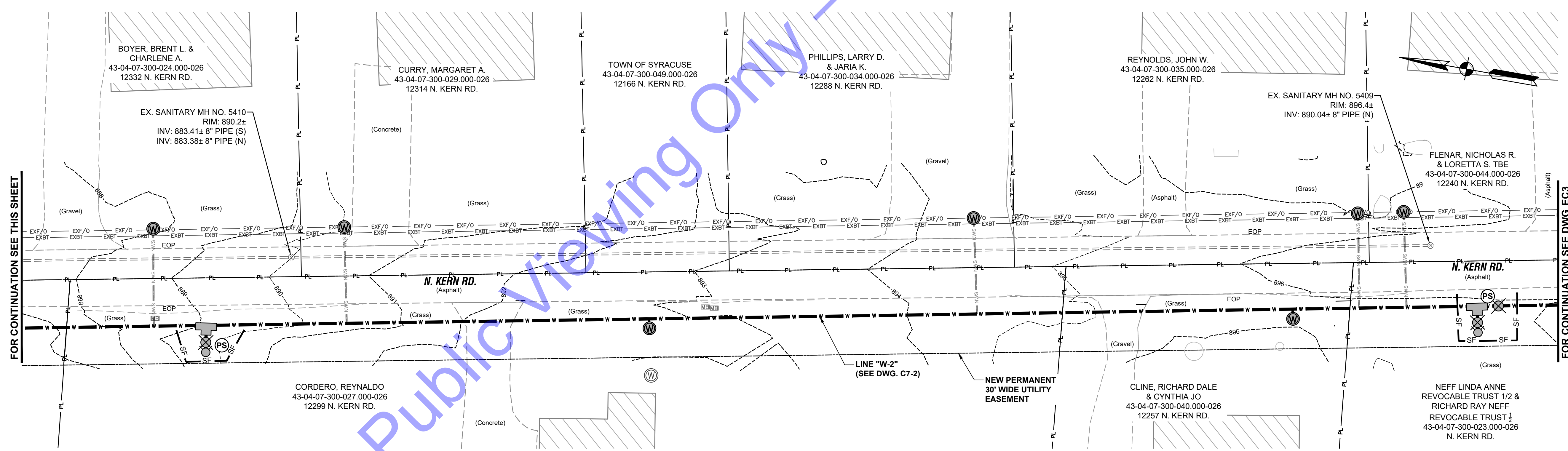
**EROSION CONTROL
PLAN VIEWS - LINE
"W-1"**

Drawing No:
EC1-2
Sheet: 41 OF 47

FILE: Z:\SHARED\CLIENTS\23\SYRACUSE\2018 - WATER UTILITY IMPROVEMENTS\CADD\CURRENT FILES\DRAININGS\DIVISION B\EROSION CONTROL\LINE W-2.DWG
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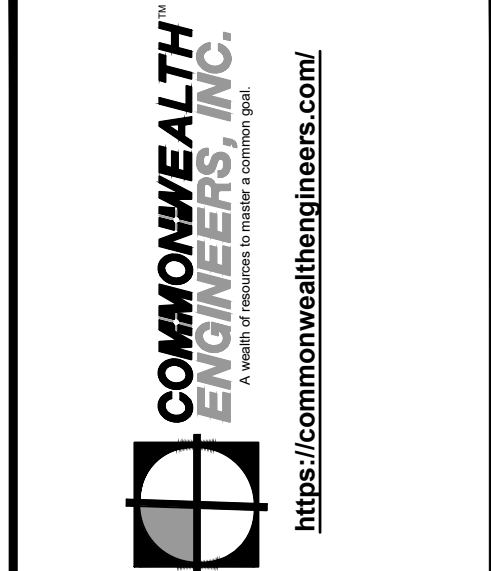
PLAN VIEW - LINE "W-2"
 SCALE: 1"=20'-0"
 0 20' 40'



PLAN VIEW - LINE "W-2"
 SCALE: 1"=20'-0"
 0 20' 40'

- EROSION CONTROL LEGEND:**
- (PS) PERMANENT SEEDING
 - SF — SILT FENCE
 - (IP) INLET PROTECTION

- GENERAL NOTES:**
- CONTRACTOR SHALL PROVIDE ADDITIONAL EROSION CONTROL MEASURES AS SPECIFIED IN THE DETAILED SPECIFICATIONS, INCLUDING BUT NOT LIMITED TO CONCRETE WASHOUT STATIONS, TEMPORARY CONSTRUCTION ENTRANCES, TEMPORARY SEEDING, ETC. AS REQUIRED DURING THE DURATION OF THE PROJECT TO MAINTAIN COMPLIANCE WITH THE GENERAL STORM WATER CONSTRUCTION PERMIT. CONTRACTOR SHALL ADHERE TO ALL REQUIREMENTS OF THE GENERAL STORM WATER CONSTRUCTION PERMIT, INCLUDING PROVIDING REQUIRED NOTIFICATIONS TO THE REQUIRED AGENCIES.
 - SEE DRAWING EC4 FOR EROSION CONTROL DETAILS.



BRIEGAN P. E. CHIEF REGISTERED PROFESSIONAL ENGINEER
 No. 1100676 STATE OF INDIANA
 Signature: *Briegan P. E.* Date: 6/16/2026

TOWN OF SYRACUSE
 KOSCIUSKO COUNTY, INDIANA
 NEW WATER MAIN AND SERVICE LINE REPLACEMENTS - DIVISION "B"

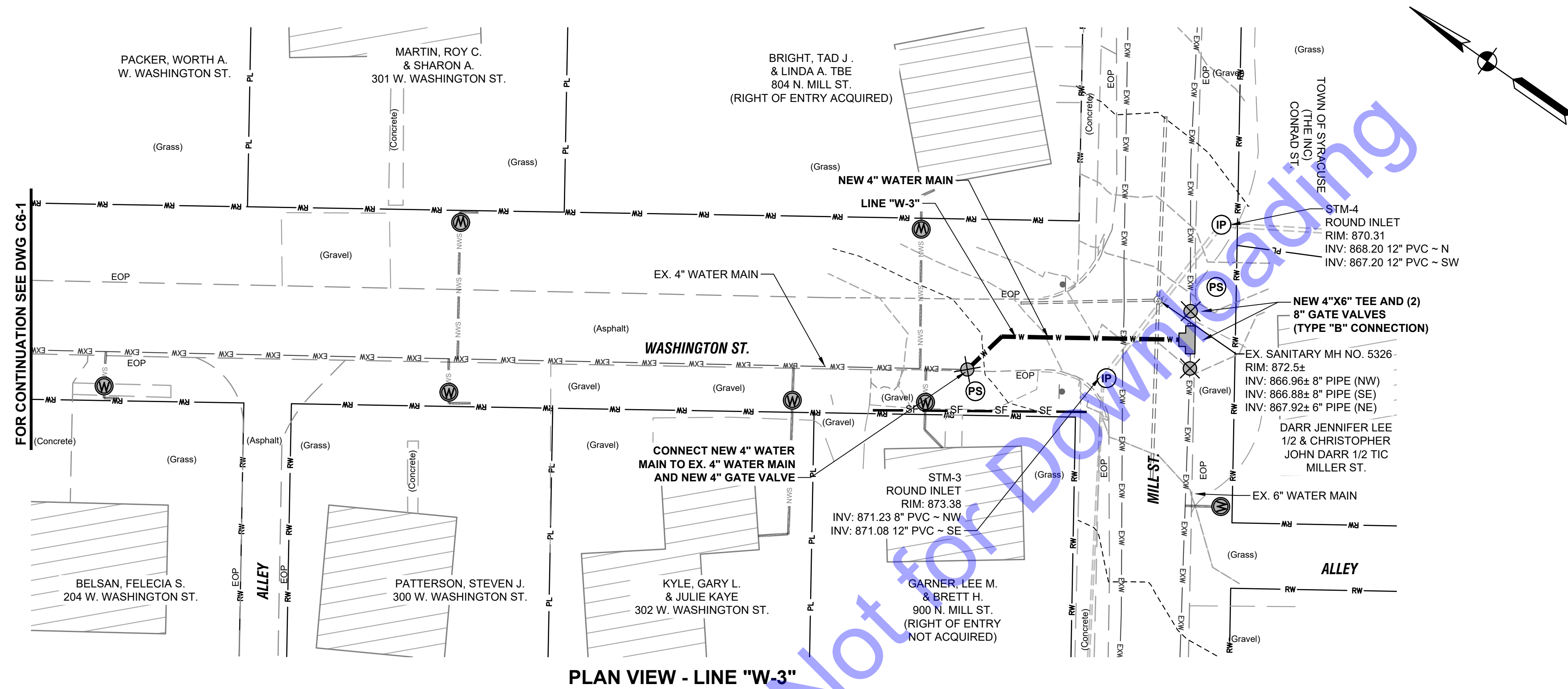
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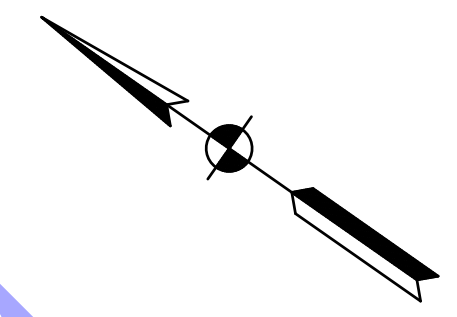
Designed By: BPE Drawn By: KJG Checked By: JDH
 Issue Date: 6/16/2026 Project No: W25078 Scale: AS SHOWN

EROSION CONTROL
 PLAN VIEWS - LINE "W-2"

Drawing No:
EC2-1
 Sheet: 43 OF 47



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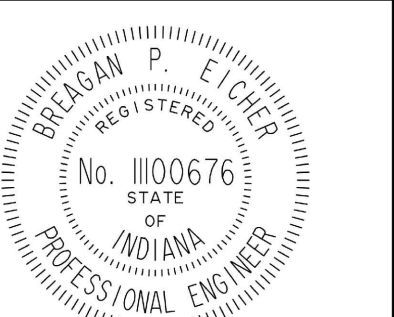


EROSION CONTROL LEGEND:

- (PS) PERMANENT SEEDING
- SF- SILT FENCE
- (IP) INLET PROTECTION

GENERAL NOTES:

- CONTRACTOR SHALL PROVIDE ADDITIONAL EROSION CONTROL MEASURES AS SPECIFIED IN THE DETAILED SPECIFICATIONS, INCLUDING BUT NOT LIMITED TO CONCRETE WASHOUT STATIONS, TEMPORARY CONSTRUCTION ENTRANCES, TEMPORARY SEEDING, ETC. AS REQUIRED DURING THE DURATION OF THE PROJECT TO MAINTAIN COMPLIANCE WITH THE GENERAL STORM WATER CONSTRUCTION PERMIT. CONTRACTOR SHALL ADHERE TO ALL REQUIREMENTS OF THE GENERAL STORM WATER CONSTRUCTION PERMIT, INCLUDING PROVIDING REQUIRED NOTIFICATIONS TO THE REQUIRED AGENCIES.
- SEE DRAWING EC4 FOR EROSION CONTROL DETAILS.



Signature: *Biregan P. E. Chapman* Date: 6/16/2026

TOWN OF SYRACUSE
 KOSCIUSKO COUNTY, INDIANA
 NEW WATER MAIN AND SERVICE LINE
 REPLACEMENTS - DIVISION "B"

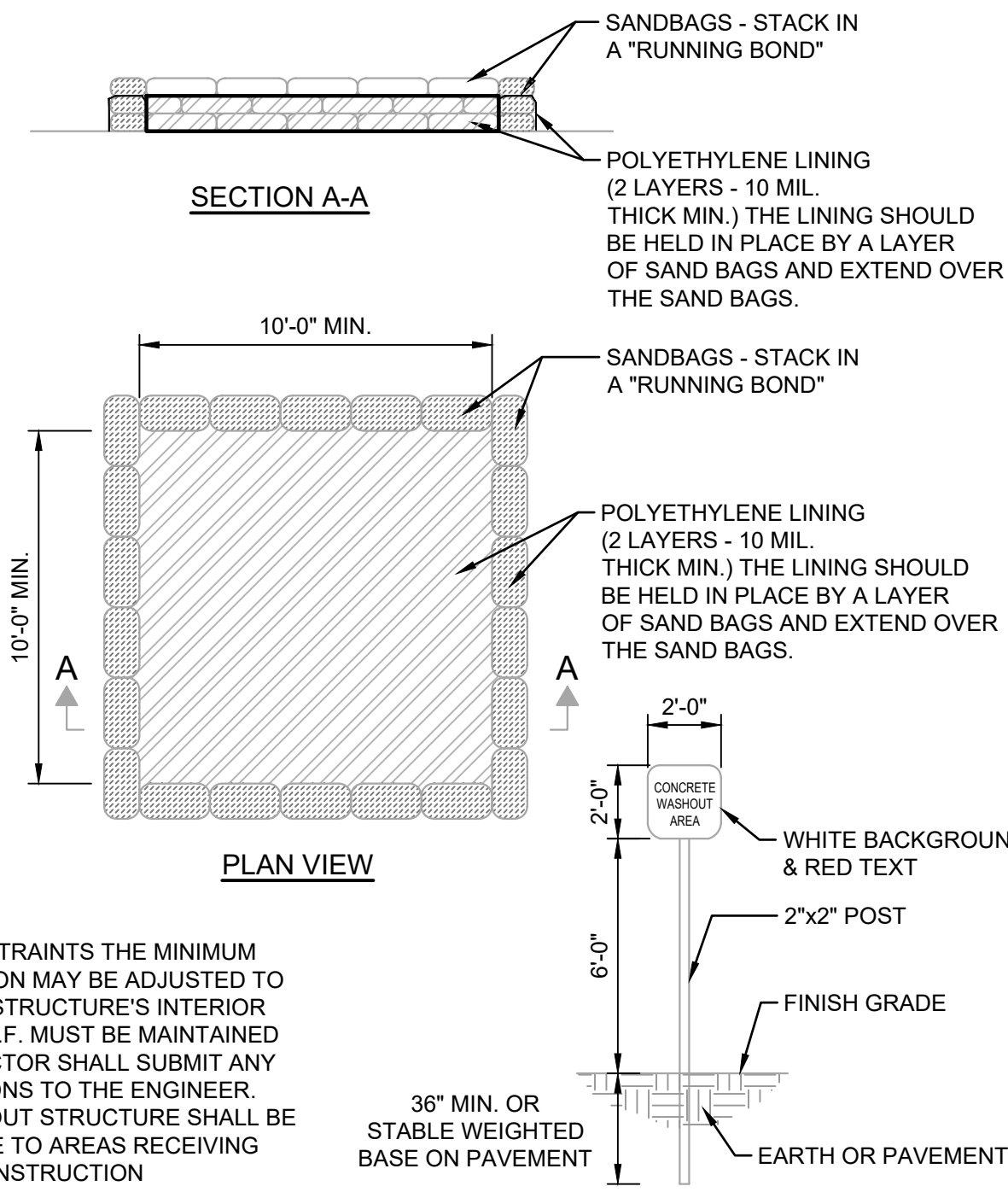
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No.	Submittal / Revision	By	Date

Designed By: BPE Drawn By: KJG Checked By: JDH
 Issue Date: 6/16/2026 Project No: W25078 Scale: AS SHOWN

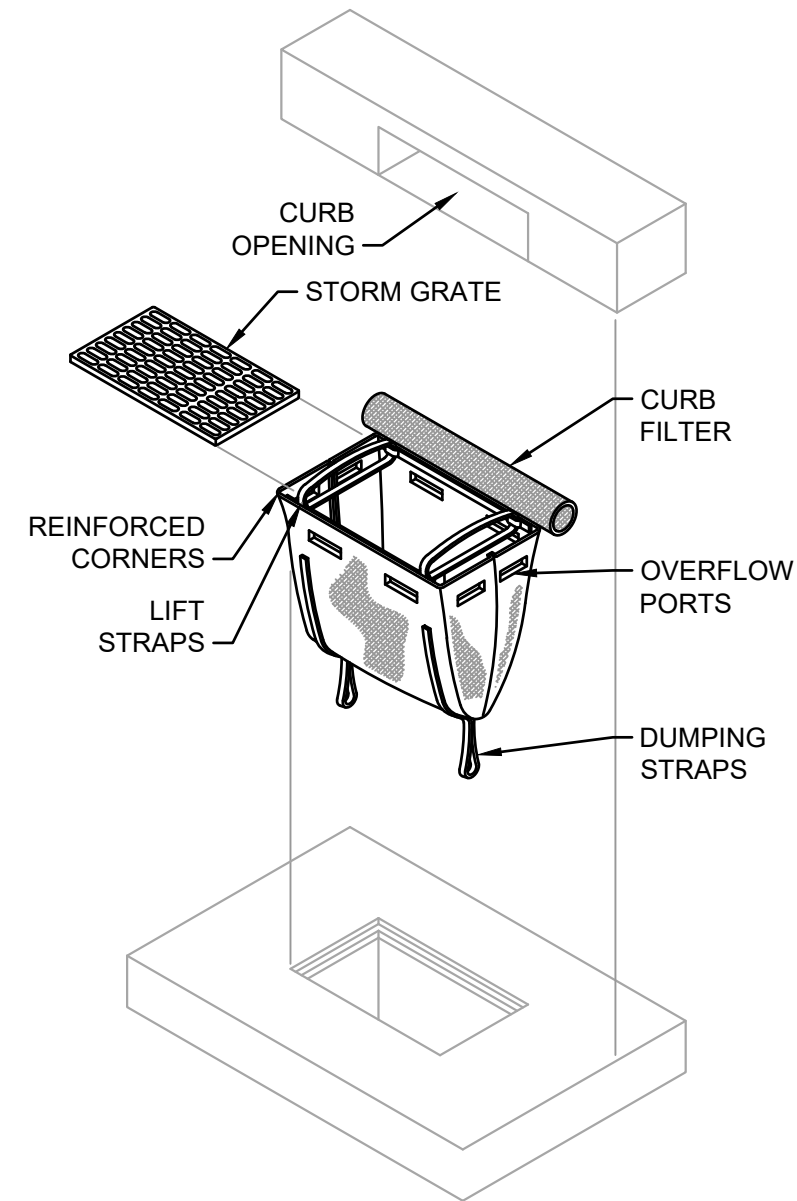
EROSION CONTROL PLAN VIEW - LINE "W-3"



CONCRETE WASHOUT PIT DETAIL

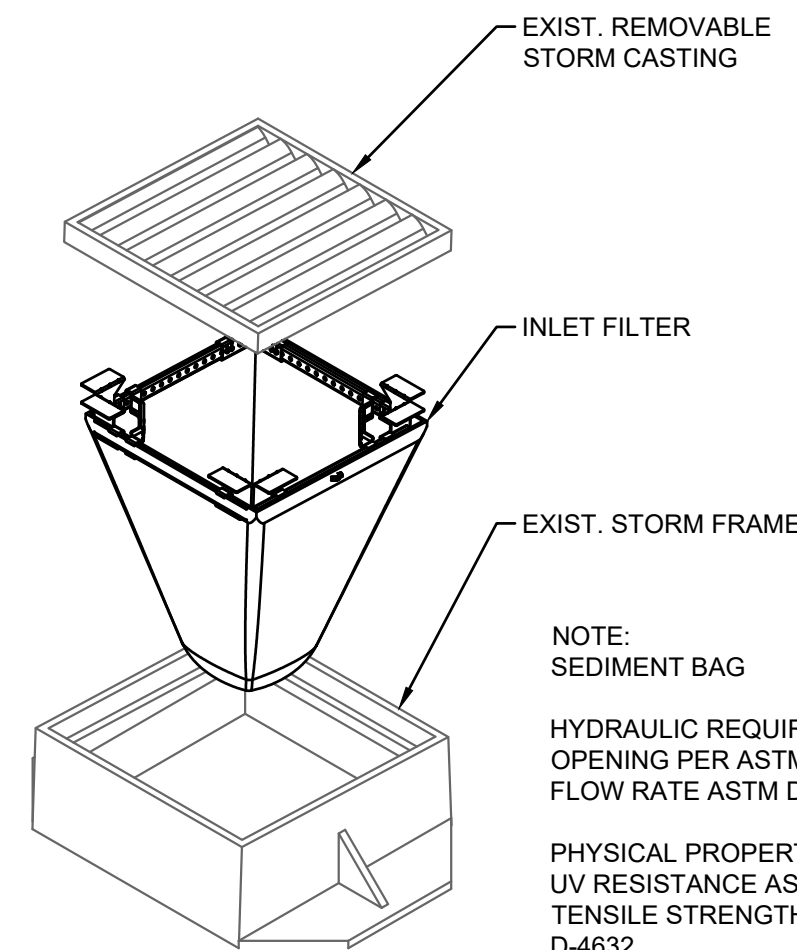
NOT TO SCALE

NOTE:
DUE TO SITE CONSTRAINTS THE MINIMUM INTERIOR DIMENSION MAY BE ADJUSTED TO FIT THE SITE. THE STRUCTURE'S INTERIOR FOOTAGE OF 100 S.F. MUST BE MAINTAINED AND THE CONTRACTOR SHALL SUBMIT ANY DESIGN ALTERATIONS TO THE ENGINEER. CONCRETE WASHOUT STRUCTURE SHALL BE RELOCATED CLOSE TO AREAS RECEIVING CONCRETE, AS CONSTRUCTION PROGRESSES.



INSERT (BASKET) CURB INLET PROTECTION DETAIL

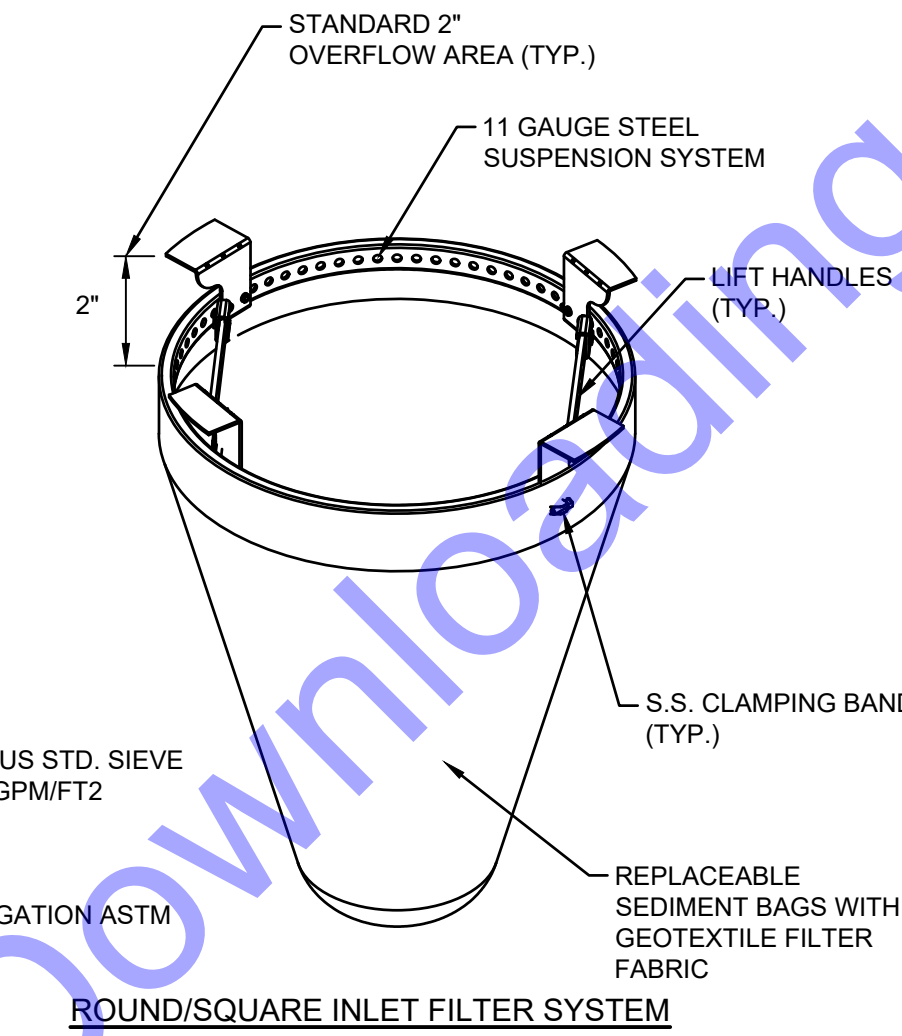
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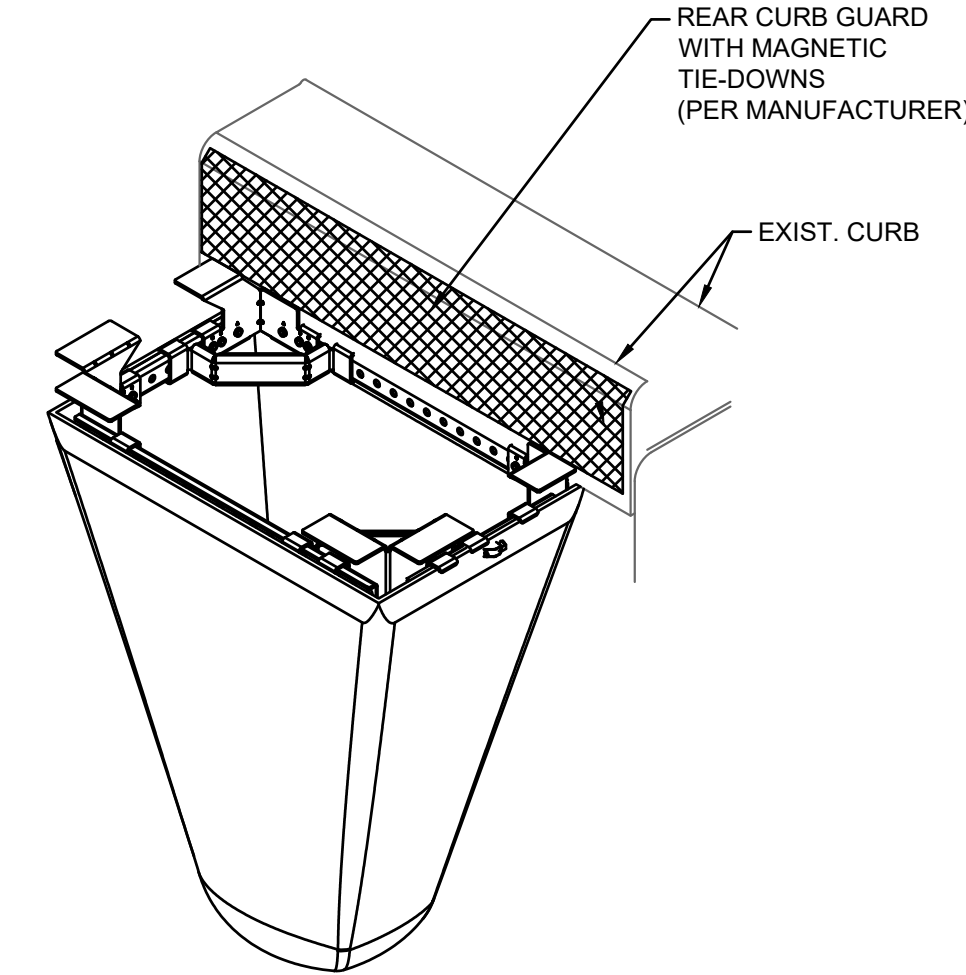
TYPICAL INSTALLATION UNDER INLET

GENERAL NOTES:

1. TO BE INSTALLED AT EXISTING STANDARD INLET GRATES IN PAVED AREAS DOWNSTREAM OF EXCAVATION.
2. INSTALL INLET FILTER ONTO LOAD BEARING LIP OF CASTING OR CONCRETE STRUCTURE AND PER MANUFACTURER'S RECOMMENDATIONS.
3. FOR CURB BOX INLETS, CURB BACK MUST HAVE FILTER ATTACHED PER MANUFACTURER'S RECOMMENDATION OR CONTRACTOR MUST CREATE A DAM TO DIRECT RUNOFF INTO THE SEDIMENT BAG.



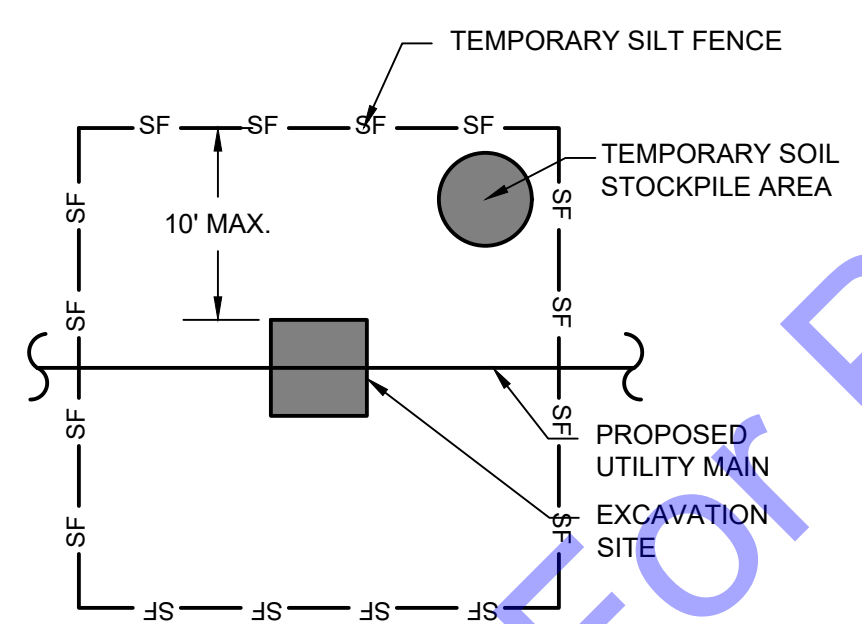
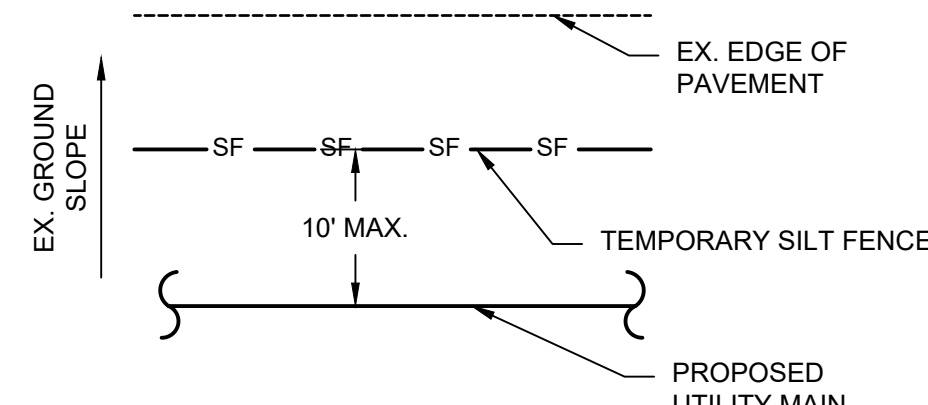
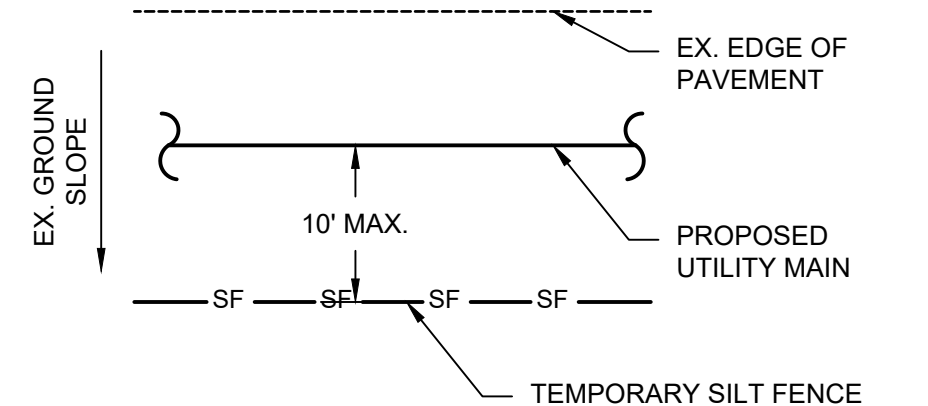
ROUND/SQUARE INLET FILTER SYSTEM



COMBINATION INLET FILTER FOR CURB HOODS

INLET FILTER EROSION CONTROL DETAIL FOR STANDARD SIZED STORM STRUCTURES

NOT TO SCALE



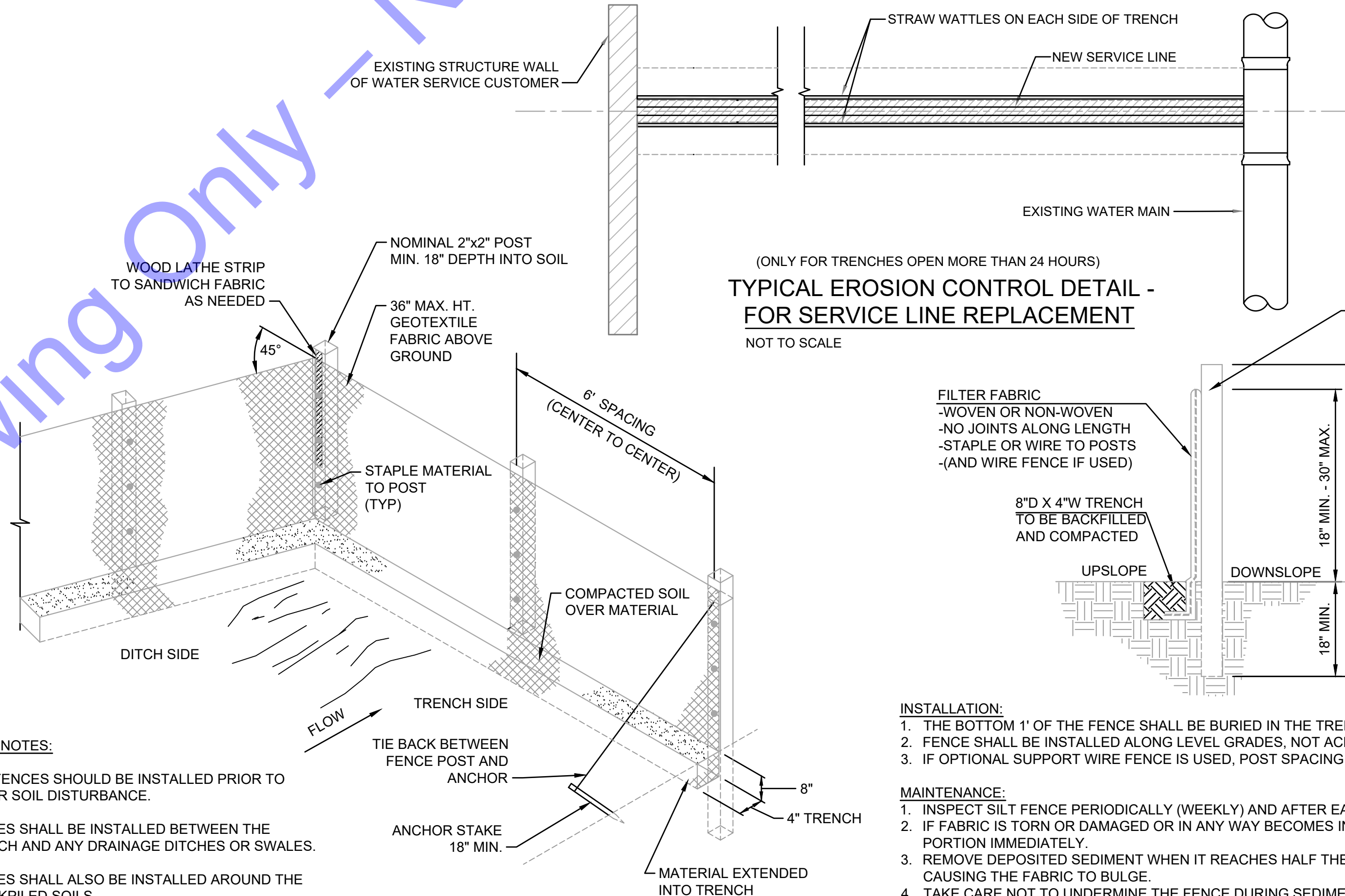
NOTE:
DETAIL APPLIES TO ALL OPEN CUT TRENCH CUT AND BORE PIT LOCATIONS.

TYPICAL PIPE EXCAVATION EROSION CONTROL DETAIL

NOT TO SCALE

GENERAL NOTES:

1. SILT FENCES SHOULD BE INSTALLED PRIOR TO MAJOR SOIL DISTURBANCE.
2. FENCES SHALL BE INSTALLED BETWEEN THE TRENCH AND ANY DRAINAGE DITCHES OR SWALES.
3. FENCES SHALL ALSO BE INSTALLED AROUND THE STOCKPILED SOILS.
4. THE GEOTEXTILE SHALL BE FREE FROM DEFECTS, TEARS, PUNCTURES, FLAWS, DETERIORATION OR DAMAGE INCURRED DURING MANUFACTURE, TRANSPORTATION, STORAGE, OR INSTALLATION.
5. TIE BACKS SHALL BE PLACED AS REQUIRED.



TYPICAL EROSION CONTROL DETAIL - FOR SERVICE LINE REPLACEMENT

NOT TO SCALE

ONLY FOR TRENCHES OPEN MORE THAN 24 HOURS

INSTALLATION:
1. THE BOTTOM 1' OF THE FENCE SHALL BE BURIED IN THE TRENCH ON THE UPSLOPE SIDE.
2. FENCE SHALL BE INSTALLED ALONG LEVEL GRADES, NOT ACROSS FLOW CHANNELS.
3. IF OPTIONAL SUPPORT WIRE FENCE IS USED, POST SPACING MAY BE EXTENDED TO 8' O.C.

MAINTENANCE:

1. INSPECT SILT FENCE PERIODICALLY (WEEKLY) AND AFTER EACH STORM EVENT.
2. IF FABRIC IS TORN OR DAMAGED OR IN ANY WAY BECOMES INEFFECTIVE, REPLACE THE AFFECTED PORTION IMMEDIATELY.
3. REMOVE DEPOSITED SEDIMENT WHEN IT REACHES HALF THE HEIGHT OF THE FENCE, OR IT IS CAUSING THE FABRIC TO BULGE.
4. TAKE CARE NOT TO UNDERMINE THE FENCE DURING SEDIMENT REMOVAL.
5. AFTER THE CONTRIBUTING AREA HAS BEEN STABILIZED, REMOVE THE FENCE AND REMAINING SEDIMENT, BRING THE DISTURBED AREA TO GRADE, AND STABILIZE.

SILT FENCE DETAIL

NOT TO SCALE

Date	
By	
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No.	

Designed By:	Drawn By:	Checked By:
BPE	KJG	JDH
Issue Date:	Project No:	Scale:
6/16/2026	W25078	AS SHOWN

EROSION CONTROL DETAILS

