

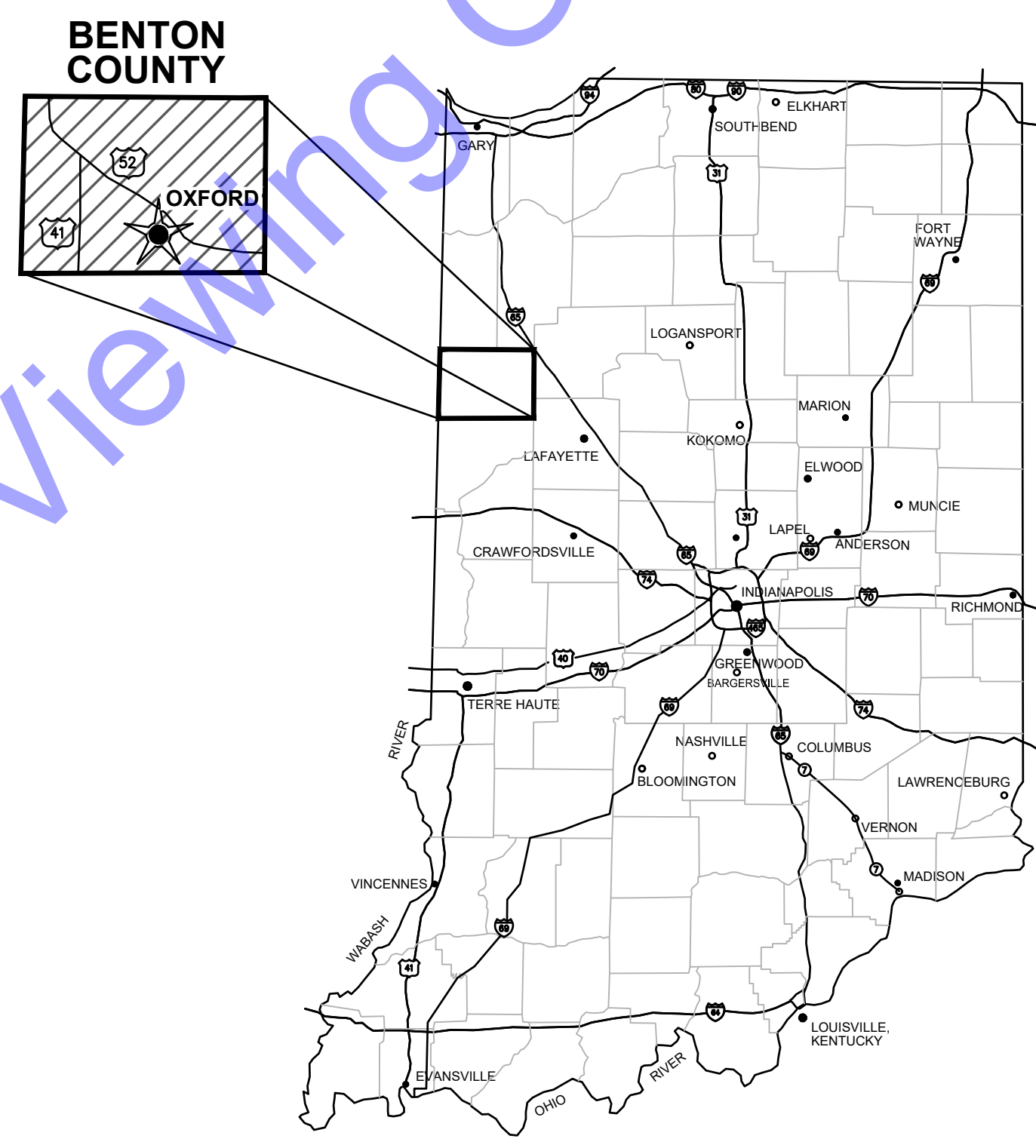
TOWN OF OXFORD BENTON COUNTY, INDIANA

WATER UTILITY IMPROVEMENTS PROJECT DIVISION "B" - WATER DISTRIBUTION SYSTEM IMPROVEMENTS PROJECT EDA AWARD NUMBER 06-01-06470 FEBRUARY 2025

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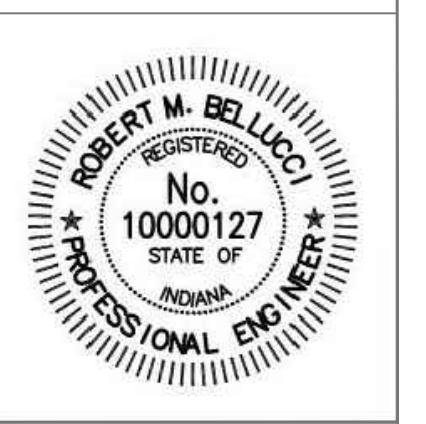


GENERAL LOCATION MAP

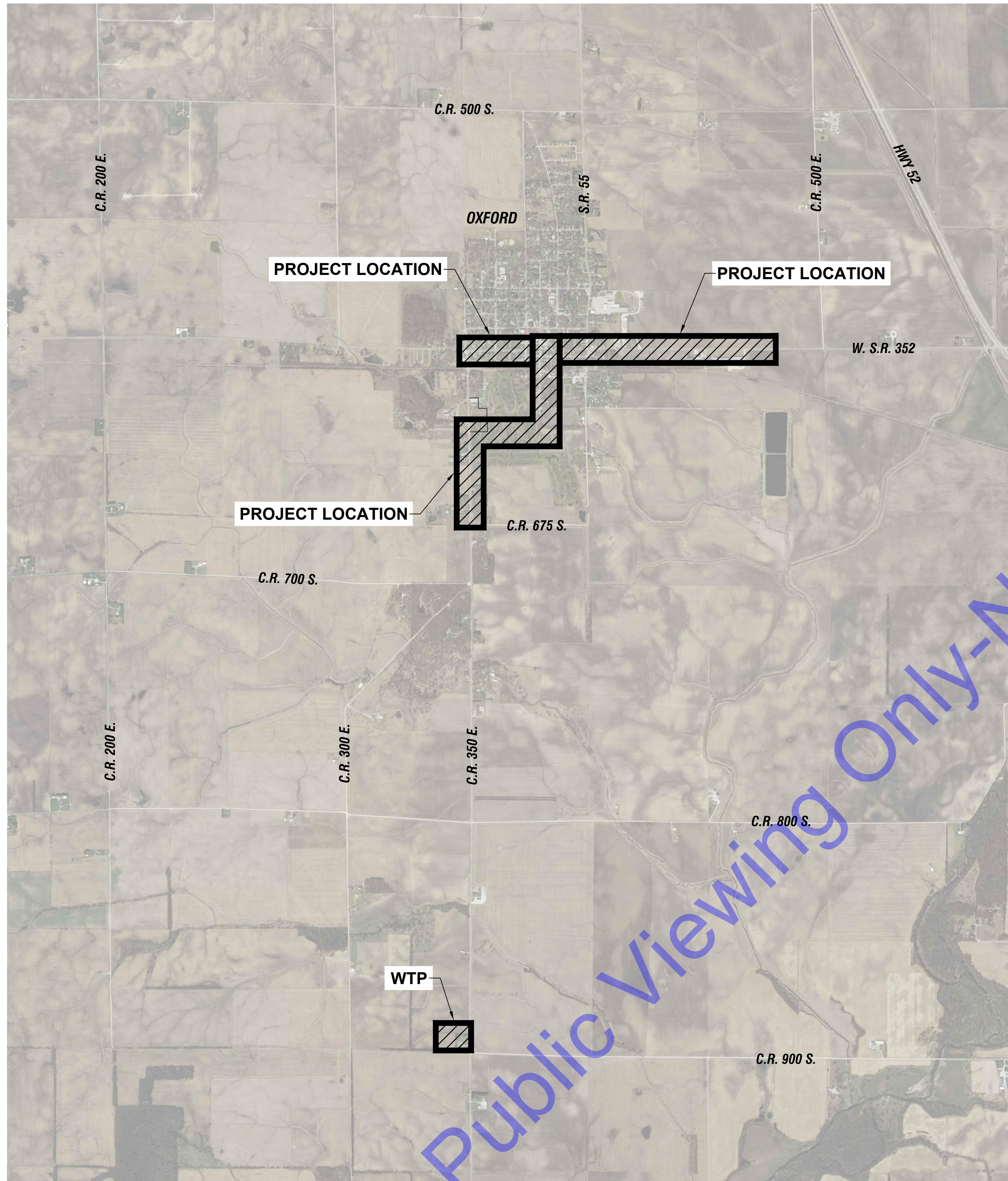


QA/QC BY : CHARLES ZACHARY FULLER, P.E. 8-9-24
DATE :

CERTIFIED BY : *[Signature]* 9-6-24
ROBERT M. BELLUCCI DATE :
INDIANA P.E. No. 10000127



EDA AWARD NO. : 06-01-06470
CONTRACT NO. : W21101



VICINITY MAP
 SCALE: 1"=1,500'-0"
 0 1,500' 3,000'

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 No. 10000127
 STATE OF INDIANA
 Signature: _____ Date: 9-6-24

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 WATER UTILITY
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 DIVISION "B" - WATER
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 IMPROVEMENTS PROJECT

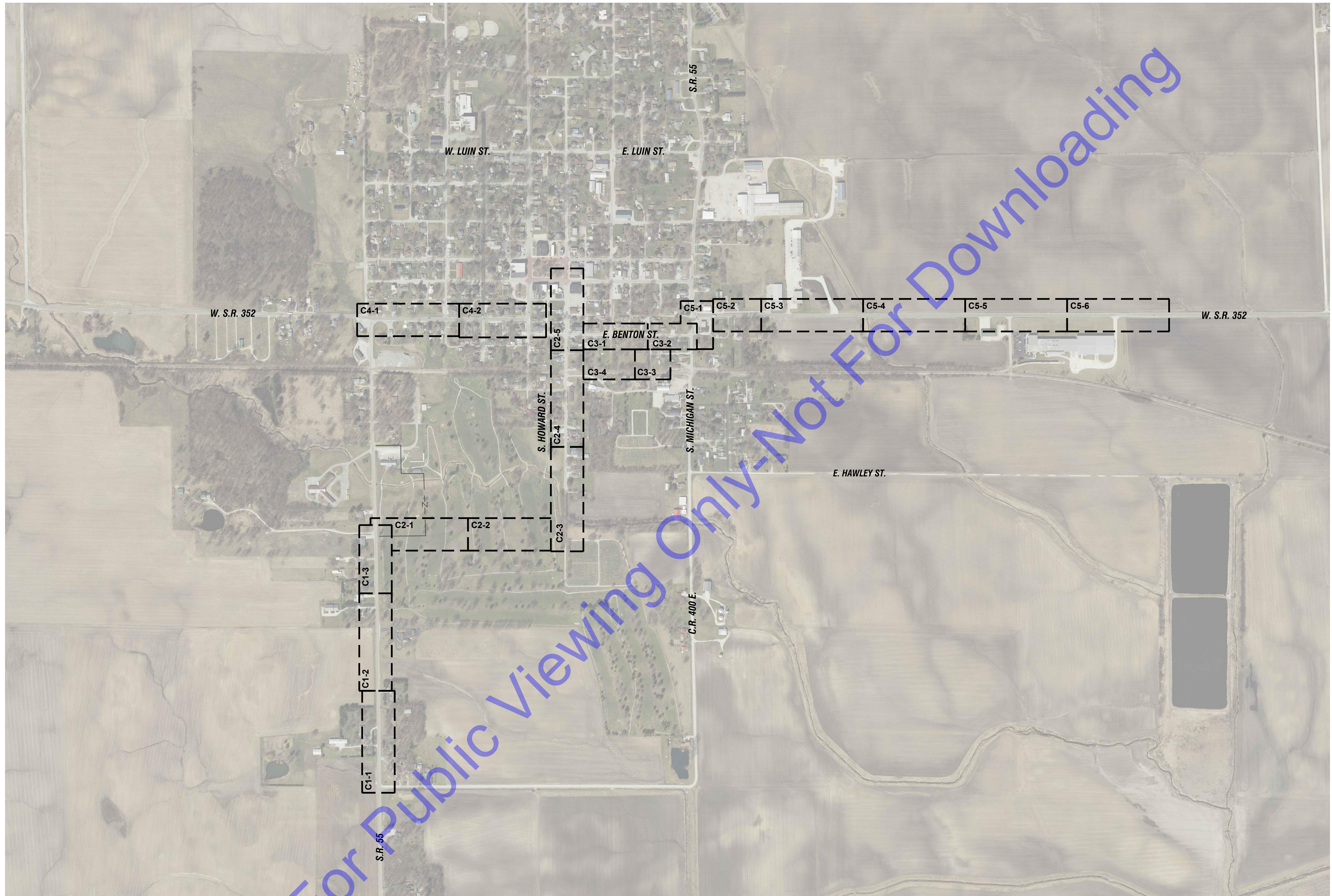
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Issue Date: 02-17-2025	Project No: W21101	Scale: AS SHOWN

VICINITY MAP AND DRAWING SET INDEX

File: Z:\SHARED\CLIENTS\TX\OXFORD\191101 WATER UTILITY IMPROVEMENTS\DWG\GENERAL DRAWINGS\DIVISION B - SYSTEMS\GENERAL DRAWINGS.DWG
 Sheet: 21/2025 9:43:10 AM Plotted: 2/17/2025 5:48:19 AM Current User: George Rader LastSavedBy: gader



PLAN VIEW
 SCALE: 1"=400'-0"
 0 400 800'

GENERAL NOTES:

- 1. DRAWING NUMBER REFERS TO PLAN AND PROFILE VIEW DRAWINGS.

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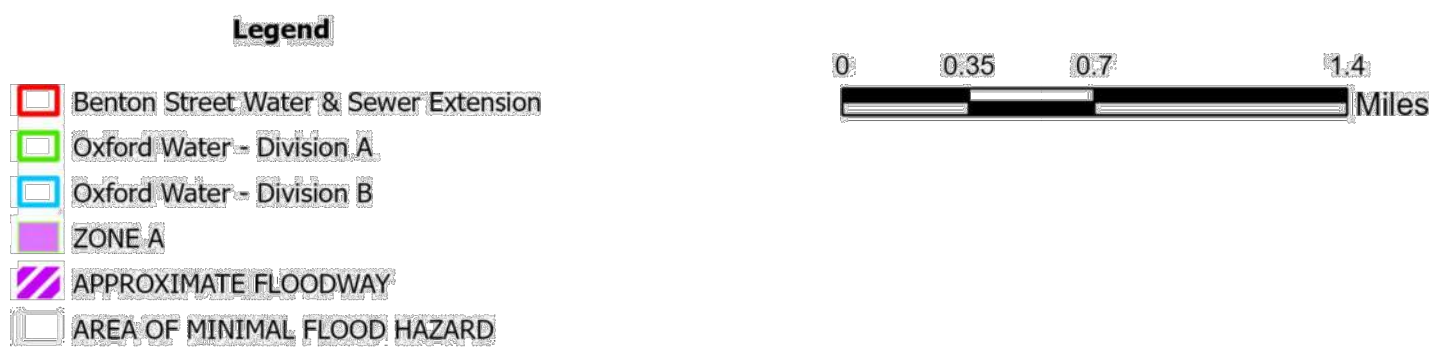
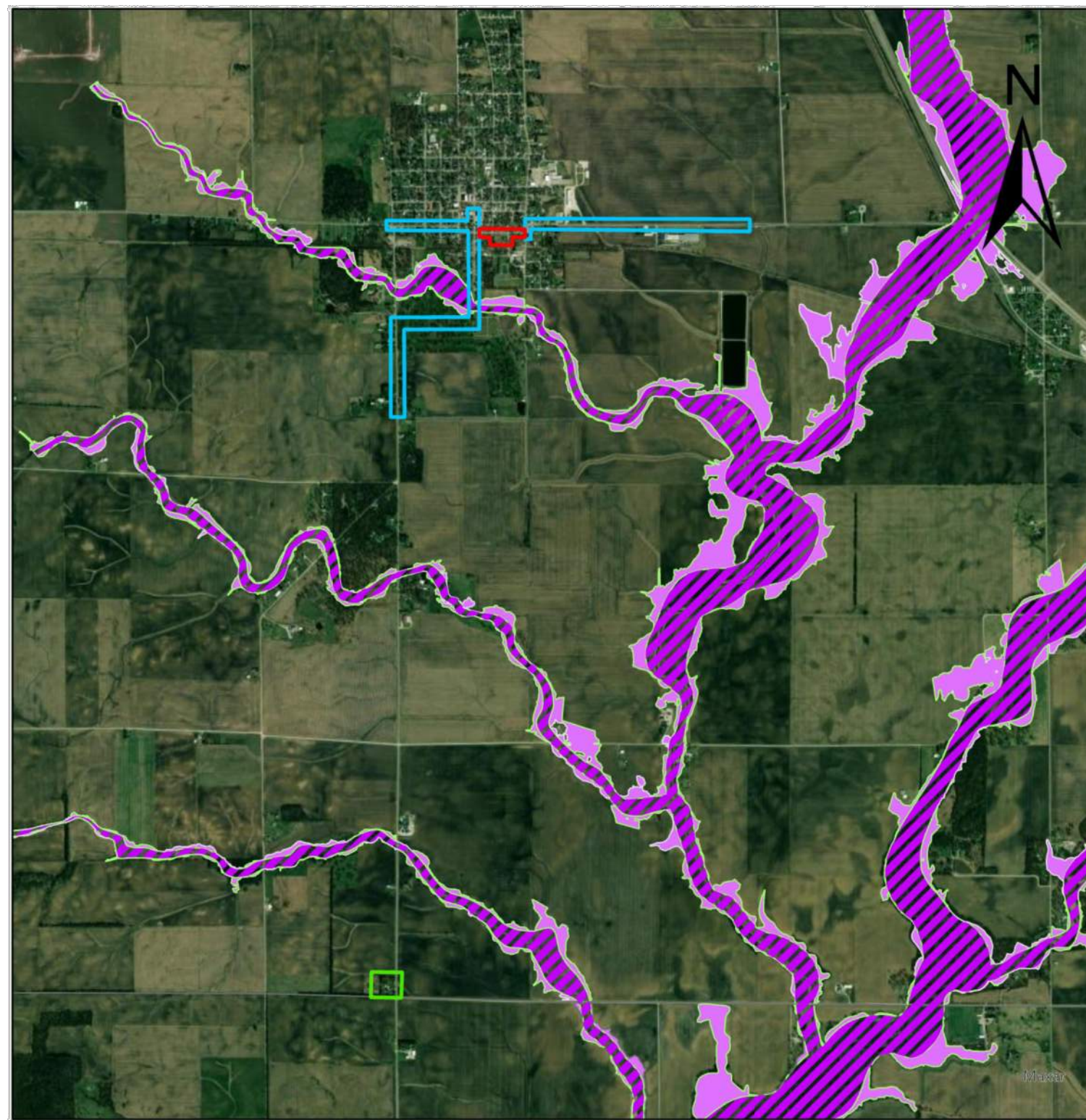
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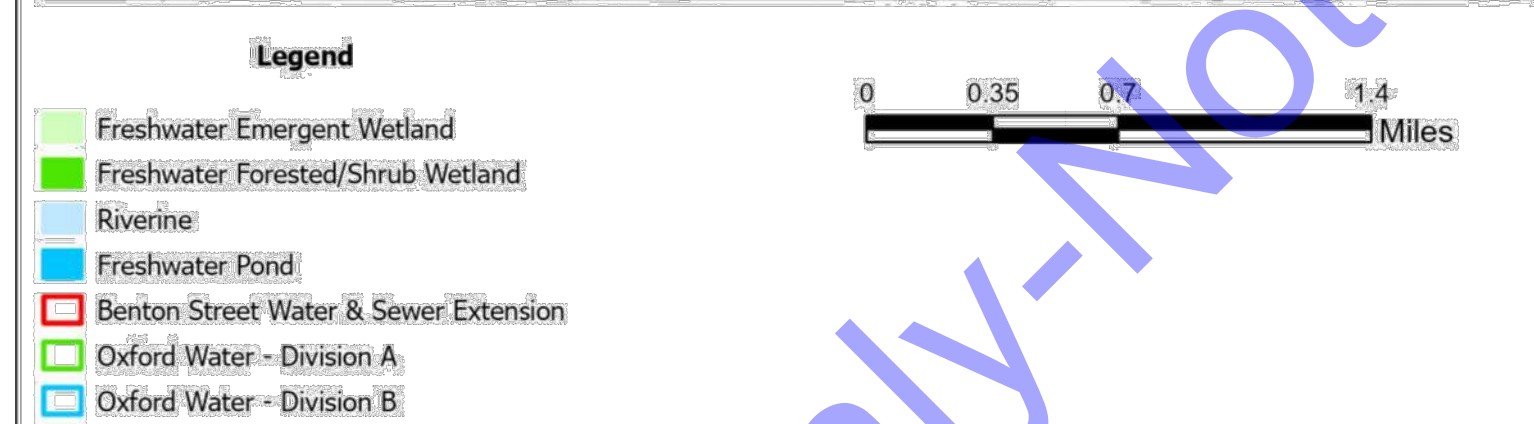
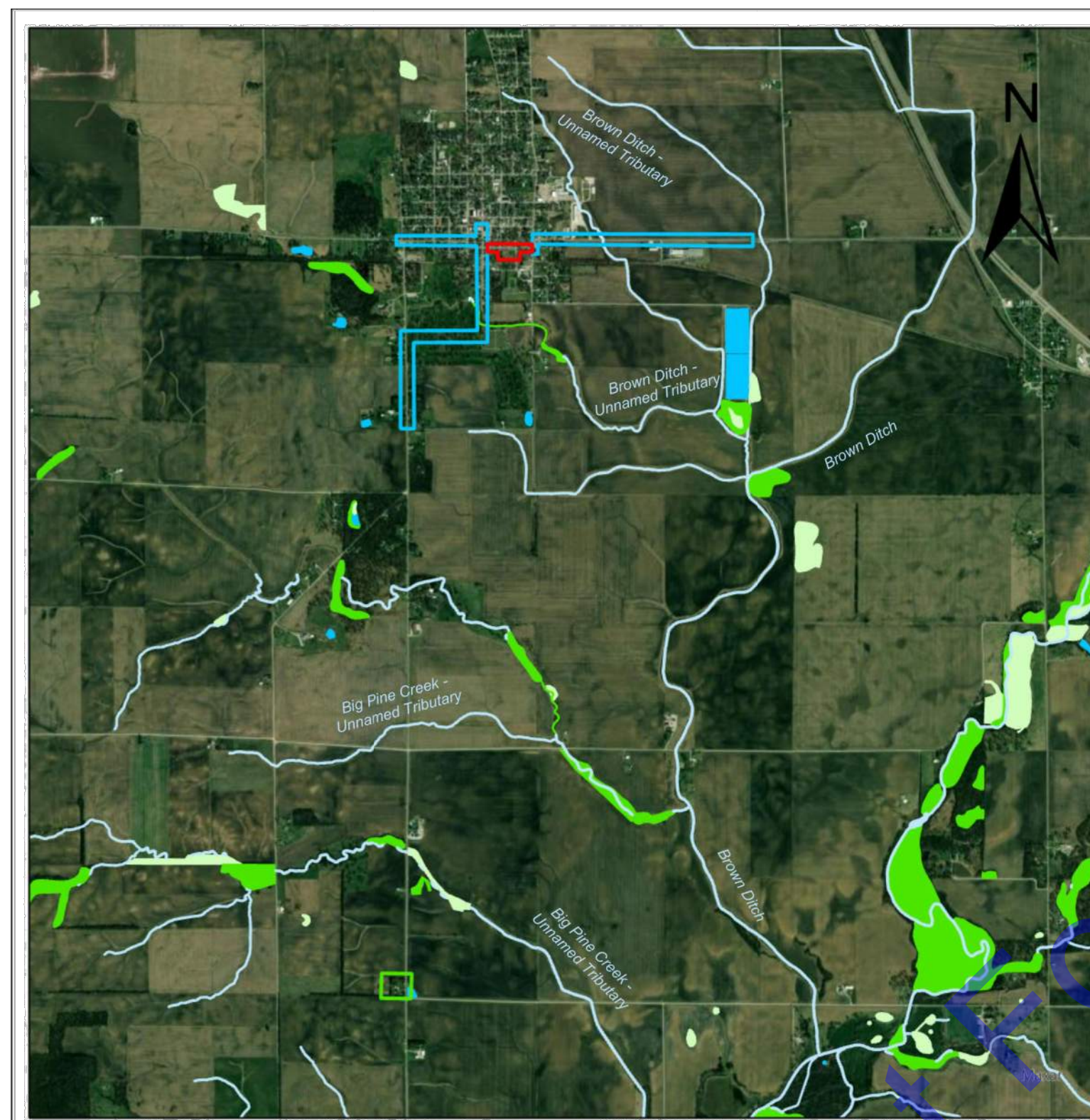
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DRAWING INDEX

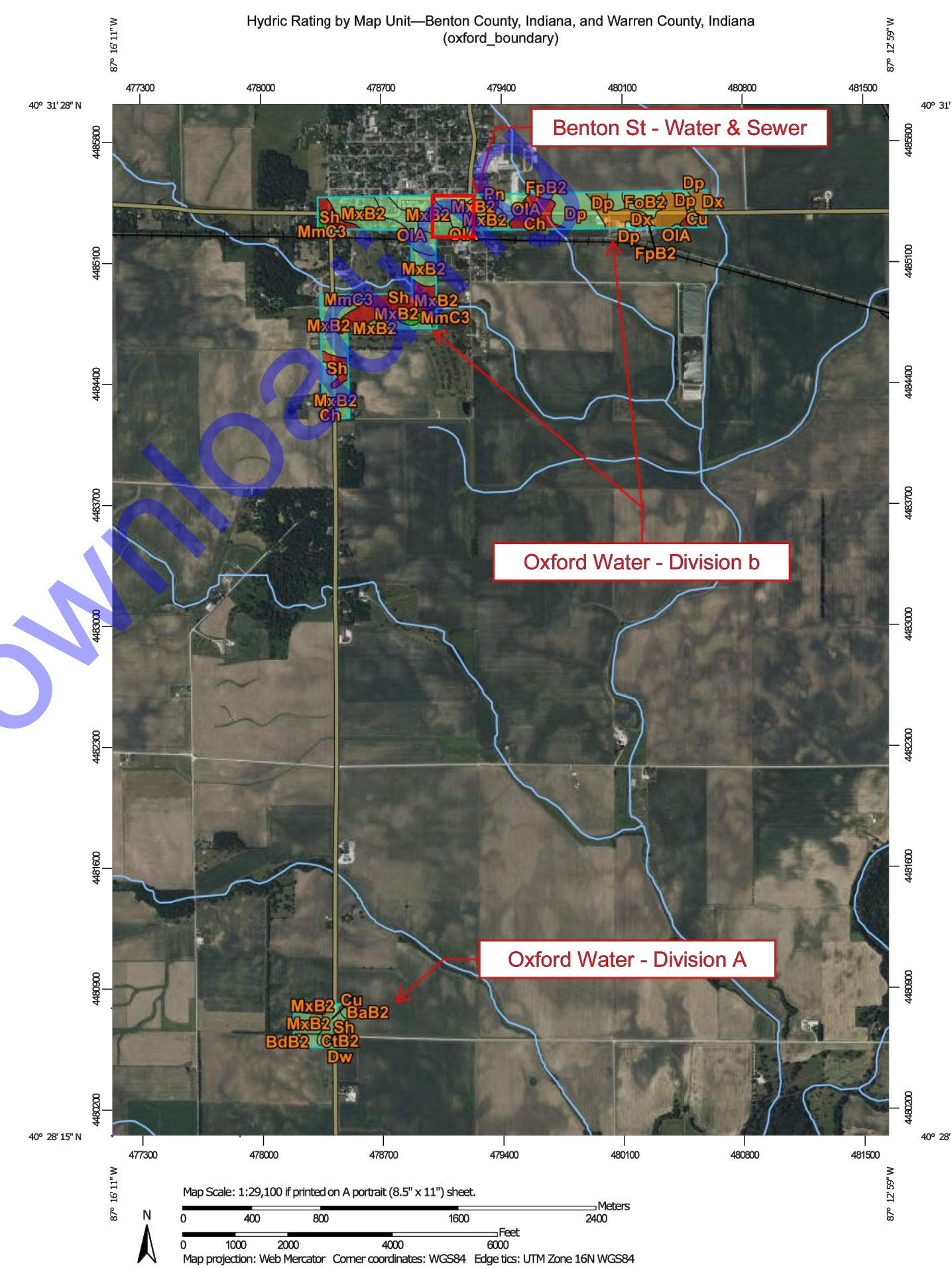
Drawing No:
G4
 Sheet: 04 OF 46



FLOODPLAIN MAP



WETLANDS MAP



HYDRIC RATING MAP

Hydric Rating by Map Unit

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
BaB2	Barco loam, 2 to 6 percent slopes, eroded	6	0.6	0.3%
Ch	Chalmers silty clay loam	100	13.9	6.8%
CsB2	Corwin silt loam, 2 to 6 percent slopes, eroded	6	0.3	0.2%
Cu	Crane loam, till substratum	9	6.9	3.4%
Dp	Darrocch silt loam, till substratum	3	17.7	8.7%
Dx	Drummer silty clay loam, stratified sandy substratum	90	18.6	9.1%
FoB2	Foresman silt loam, 1 to 5 percent slopes, eroded	6	7.0	3.4%
FpB2	Foresman silt loam, till substratum, 1 to 5 percent slopes, eroded	4	1.0	0.5%
MmC3	Miami clay loam, 6 to 12 percent slopes, severely eroded	0	6.4	3.2%
MxB2	Montmorenci silt loam, 2 to 5 percent slopes, eroded	5	69.6	34.2%
OIA	Odell silt loam, 0 to 2 percent slopes	7	26.6	13.0%
Ph	Peotone silty clay loam, undrained	100	0.9	0.5%
Sh	Selma silty clay loam, till substratum	100	28.2	13.8%
Subtotals for Soil Survey Area			197.8	97.1%
Totals for Area of Interest			203.6	100.0%

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
BdB2	Barco-Montmorenci silt loams, 2 to 6 percent slopes, eroded	9	3.4	1.7%
CtB2	Corwin silt loam, 2 to 6 percent slopes, eroded	6	1.4	0.7%
Dw	Drummer silty clay loams	100	0.0	0.0%
Lk	La Hogue silt loam, till substratum, 0 to 2 percent slopes	3	0.9	0.5%
Subtotals for Soil Survey Area			5.8	2.9%
Totals for Area of Interest			203.6	100.0%

MAP LEGEND

Area of Interest (AOI)

- Area of Interest (AOI)

Soils

Soil Rating Polygons

- Hydric (100%)
- Hydric (66 to 99%)
- Hydric (33 to 65%)
- Hydric (1 to 32%)
- Not Hydric (0%)
- Not rated or not available

Soil Rating Lines

- Hydric (100%)
- Hydric (66 to 99%)
- Hydric (33 to 65%)
- Hydric (1 to 32%)
- Not Hydric (0%)
- Not rated or not available

Soil Rating Points

- Hydric (100%)
- Hydric (66 to 99%)
- Hydric (33 to 65%)
- Hydric (1 to 32%)
- Not Hydric (0%)
- Not rated or not available

Water Features

- Streams and Canals

Transportation

- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background

- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:15,800.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL: <http://www.nrcs.usda.gov/wss>
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Benton County, Indiana
Survey Area Date: Version 26, Sep 1, 2023

Soil Survey Area: Warren County, Indiana
Survey Area Date: Version 26, Sep 1, 2023

Your area of interest (AOI) includes more than one soil survey area. These survey areas may have been mapped at different scales, with a different land use in mind, at different times, or at different levels of detail. This may result in map unit symbols, soil properties, and interpretations that do not completely agree across soil survey area boundaries.

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jun 16, 2022—Jun 27, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

File: Z:\SHARED\CLIENTS\NORCO\FORD\101 WATER UTILITY IMPROVEMENTS\CADD\CURRENT FILES\DRAWINGS\DIVISION B - SYSTEMS\EROSION CONTROL\DRAWINGS\CWG
 Sheet: 2/17/2023 9:46:03 AM Plotter: 2172023 53308 A41 Current User: George Rauber Last Saved By: g.rauber

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**TOWN OF OXFORD
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WATER UTILITY IMPROVEMENTS PROJECT

DIVISION "B" - WATER DISTRIBUTION SYSTEM IMPROVEMENTS PROJECT

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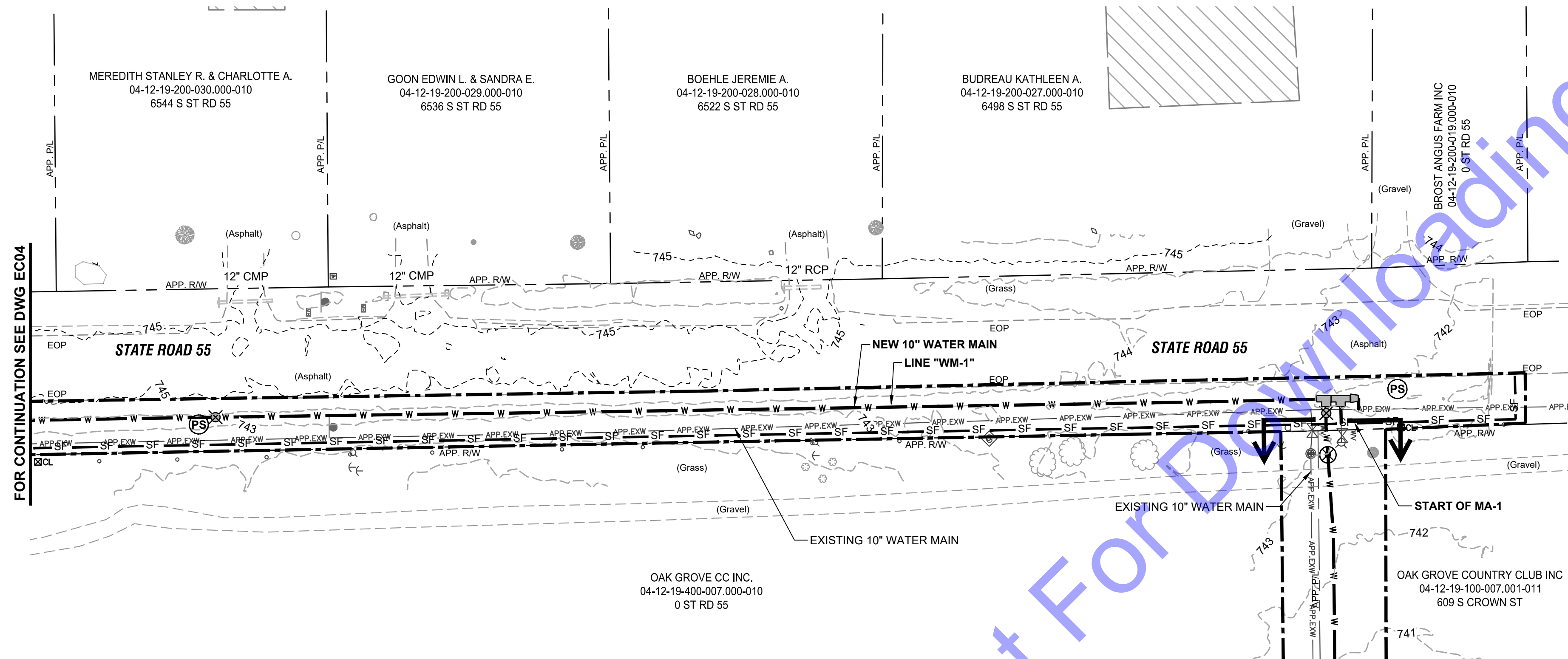
Designed By: RMB Drawn By: JRD Checked By: CAL

Issue Date: 02-17-2025 Project No: W21101 Scale: AS SHOWN

STORMWATER POLLUTION PREVENTION PLAN

Drawing No:
EC03

Sheet: 07 OF 46



PLAN VIEW

SCALE: 1"=30'-0"
 0 30' 60'

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- LEGEND:**
- (IP) STORM INLET PROTECTION
 - (PS) PERMANENT SEEDING
 - SF — SILT FENCE
 - - - CONSTRUCTION LIMITS

- 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, STAGING AREA, STOCKPILE, 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 SHEET EC15 AND EC16 FOR EROSION CONTROL DETAILS.

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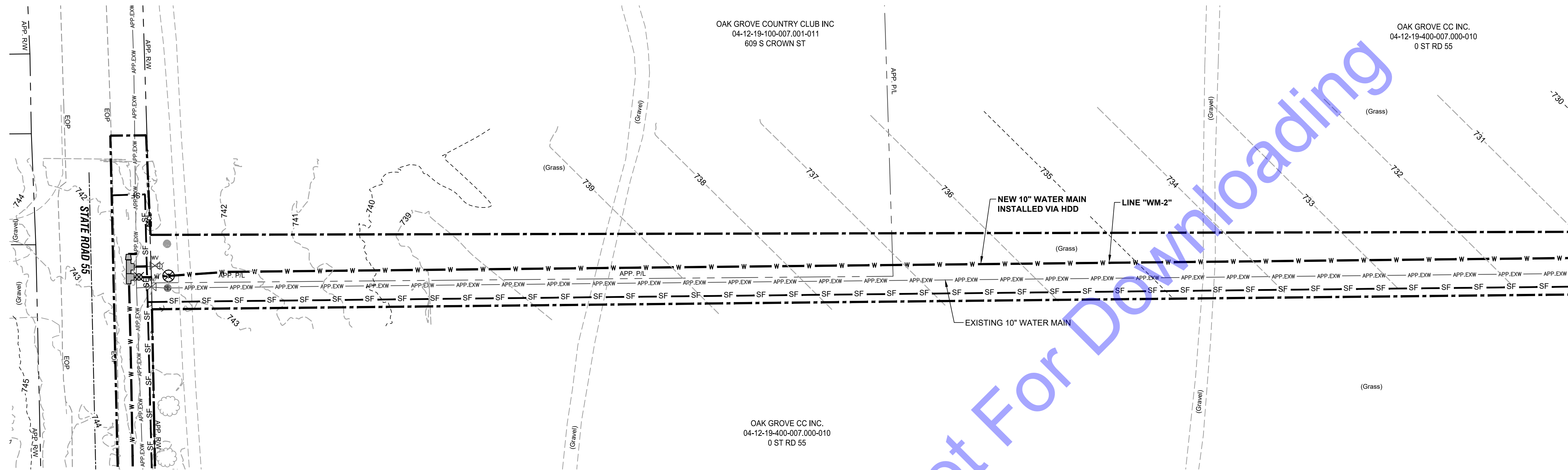
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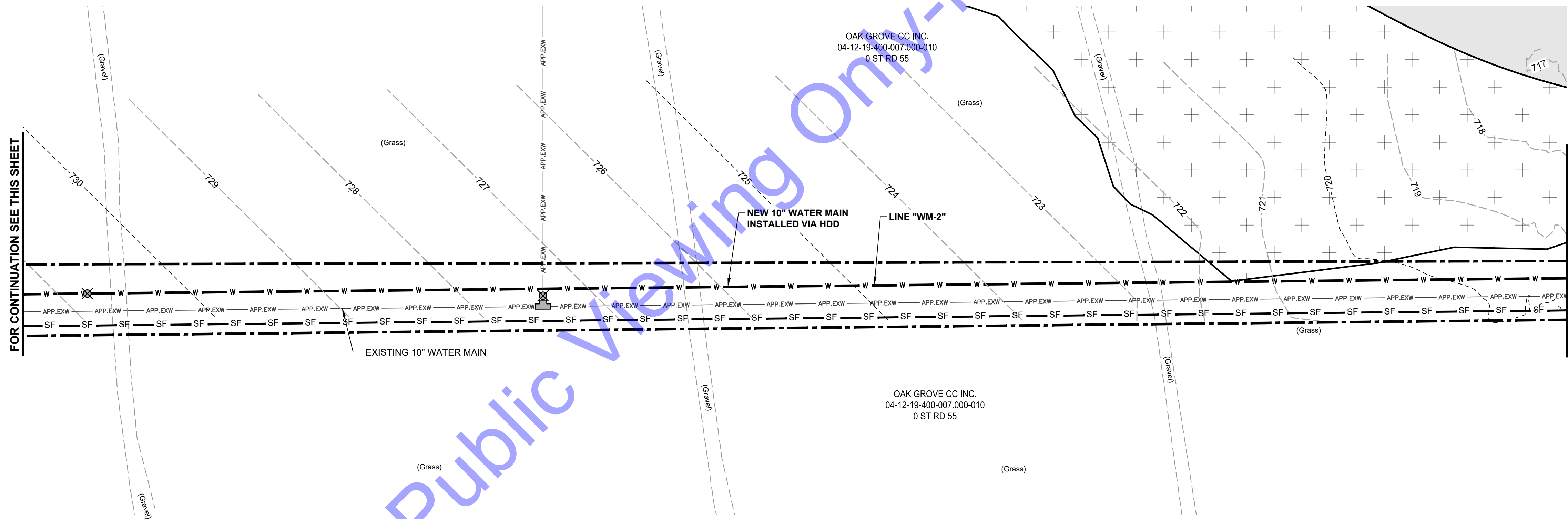
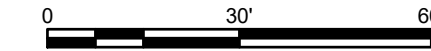
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**EROSION CONTROL
 PLAN - LINE "WM-1"**



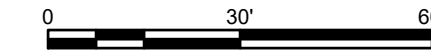
PLAN VIEW

SCALE: 1"=30'-0"



PLAN VIEW

SCALE: 1"=30'-0"



LEGEND:

- STORM INLET PROTECTION
- PERMANENT SEEDING
- SILT FENCE
- CONSTRUCTION LIMITS
- FLOODPLAIN ZONE A
- APPROXIMATE FLOODWAY

GENERAL NOTES:

1. CONTRACTOR SHALL PROVIDE ADDITIONAL EROSION CONTROL MEASURES AS SPECIFIED IN THE DETAILED SPECIFICATIONS, INCLUDING BUT NOT LIMITED TO CONCRETE WASHOUT STATIONS, TEMPORARY CONSTRUCTION ENTRANCES, STAGING AREA, STOCKPILE, 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.
2. SEE SHEET EC15 AND EC16 FOR EROSION CONTROL DETAILS.

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 REGISTERED PROFESSIONAL ENGINEER
 No. 10000127
 STATE OF INDIANA

Signature: *[Signature]* Date: 9-6-24

TOWN OF OXFORD
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WATER UTILITY IMPROVEMENTS PROJECT
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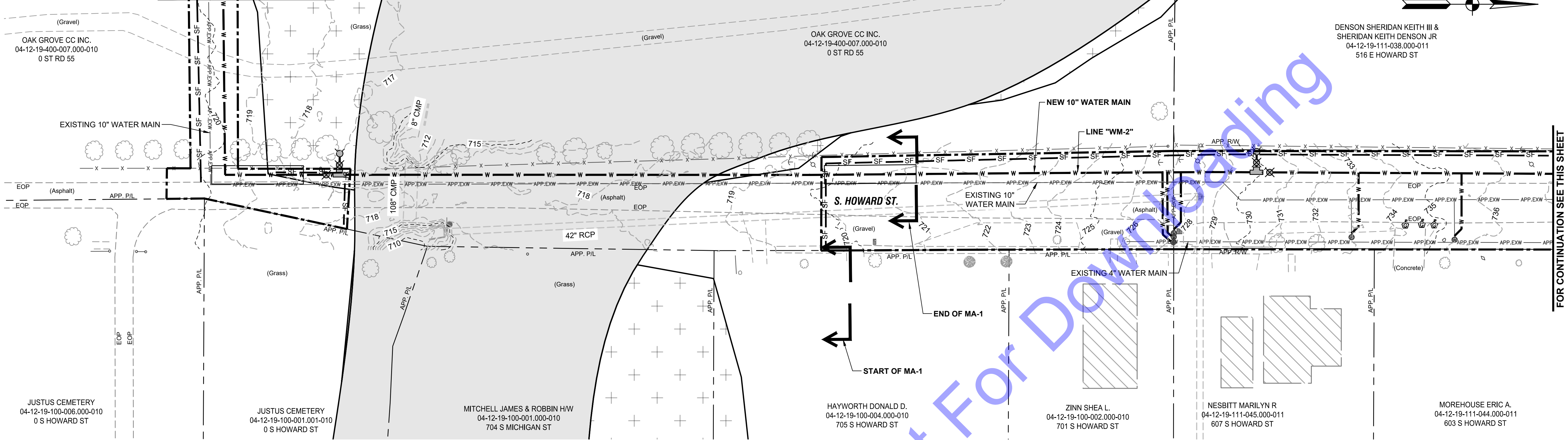
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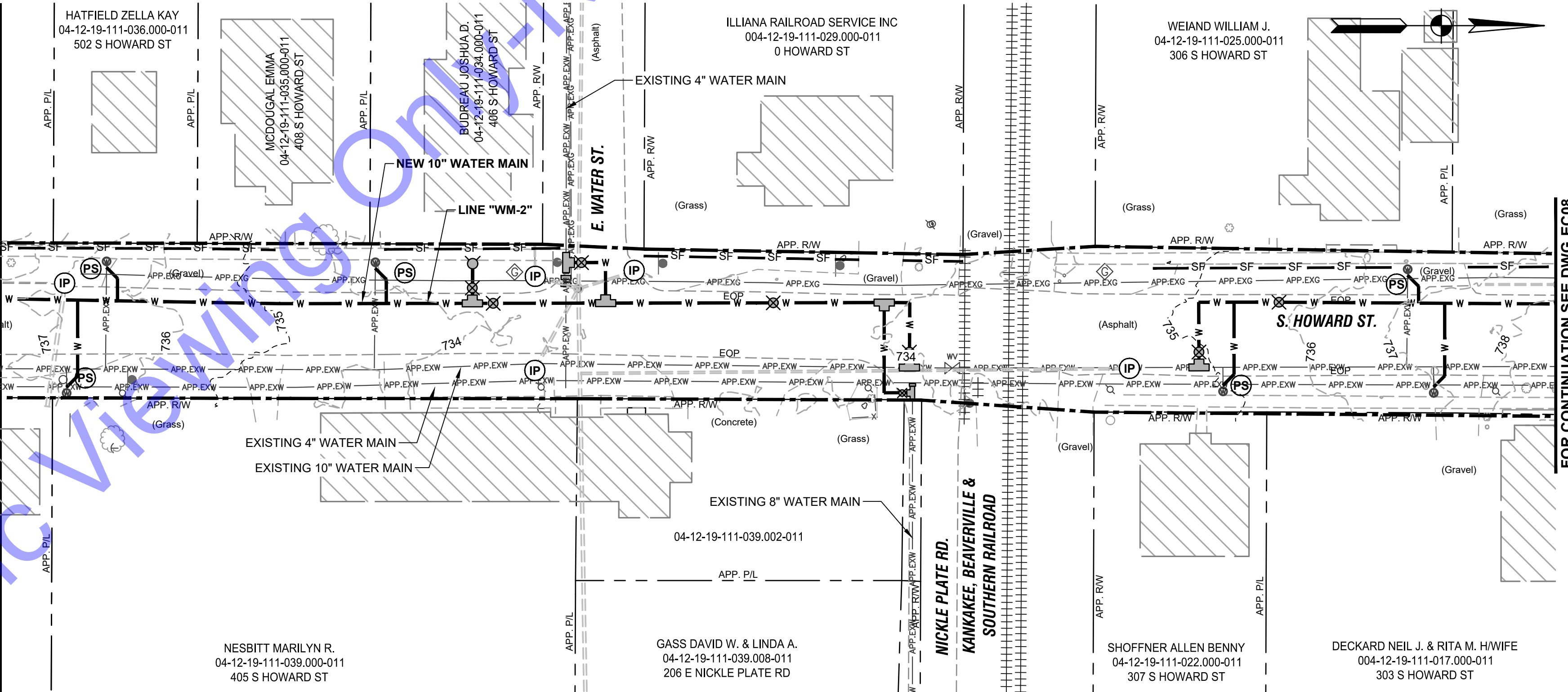
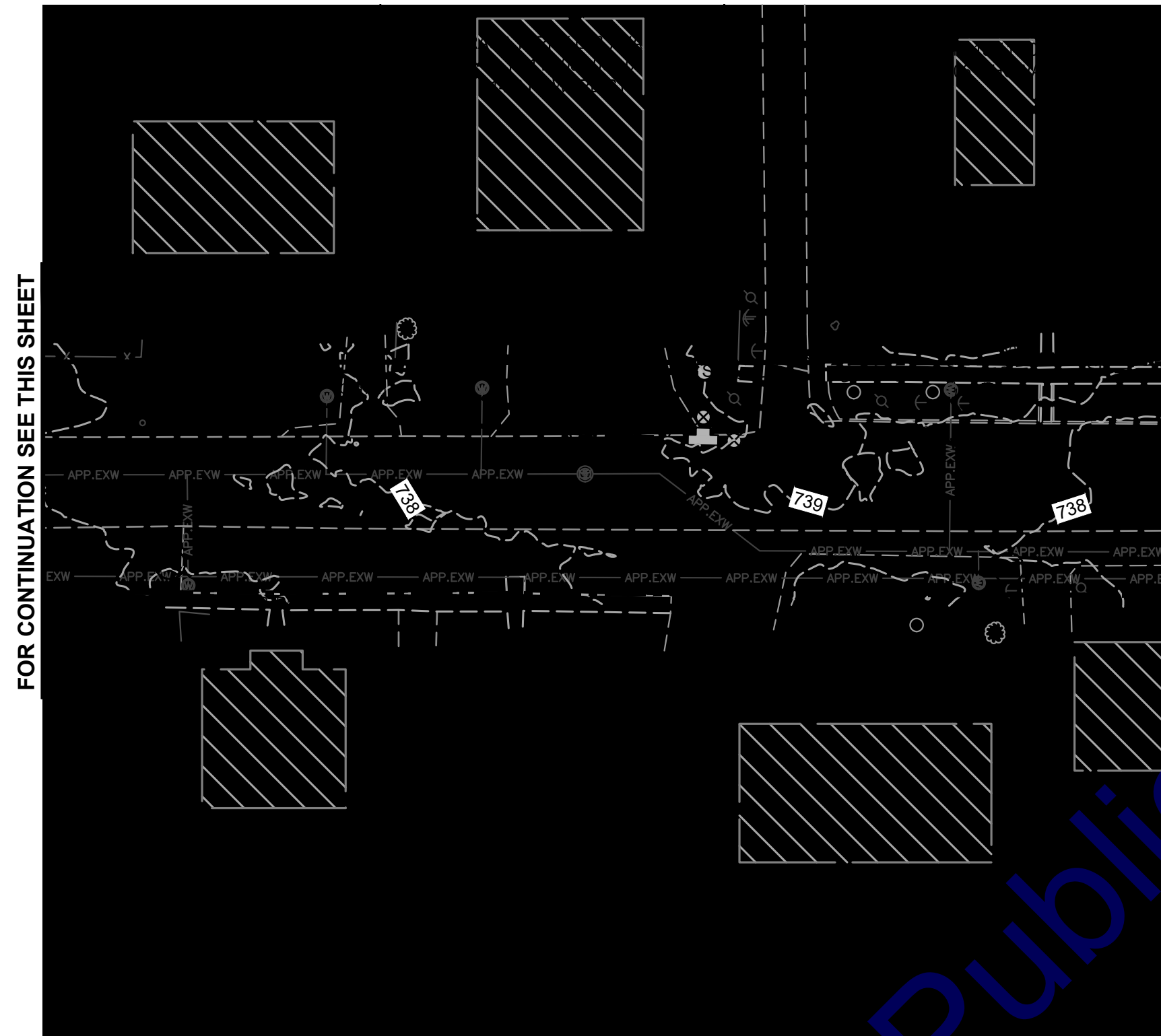
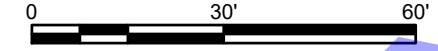
EROSION CONTROL
PLAN - LINE "WM-2"

FOR CONTINUATION SEE DWG EC06



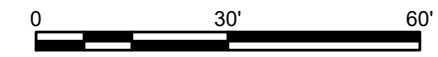
PLAN VIEW

SCALE: 1"=30'-0"



PLAN VIEW

SCALE: 1"=30'-0"



LEGEND:

- (IP) STORM INLET PROTECTION
- (FS) PERMANENT SEEDING
- SF- SILT FENCE
- - - CONSTRUCTION LIMITS
- ++++ FLOODPLAIN ZONE A
- APPROXIMATE FLOODWAY

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- SEE SHEET EC15 AND EC16 FOR EROSION CONTROL DETAILS.

DENSON SHERIDAN KEITH III & SHERIDAN KEITH DENSON JR
04-12-19-111-038,000-011
516 E HOWARD ST



Signature: [Signature] Date: 9-6-24

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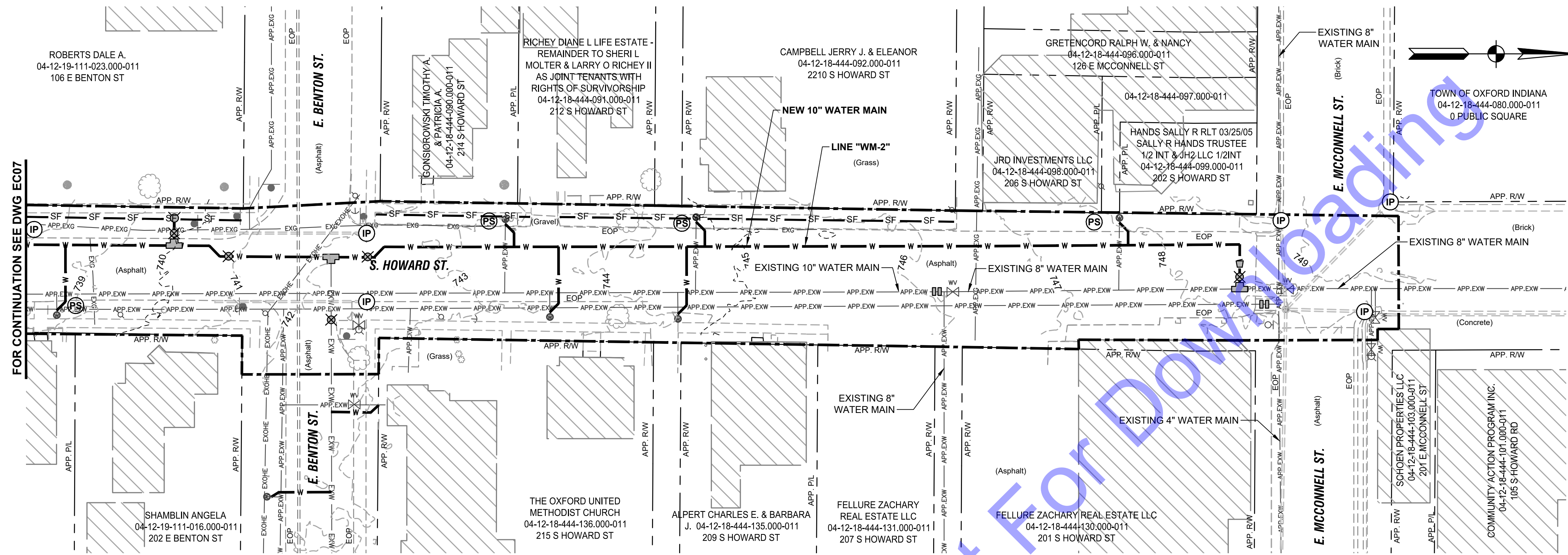
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Issue Date: 02-17-2025 Project No: W21101 Scale: AS SHOWN

EROSION CONTROL
PLAN - LINE "WM-2"

Drawing No:
EC07
Sheet: 11 OF 46



PLAN VIEW

SCALE: 1"=30'-0"
 0 30 60

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LEGEND:

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2. SEE SHEET EC15 AND EC16 FOR EROSION CONTROL DETAILS.

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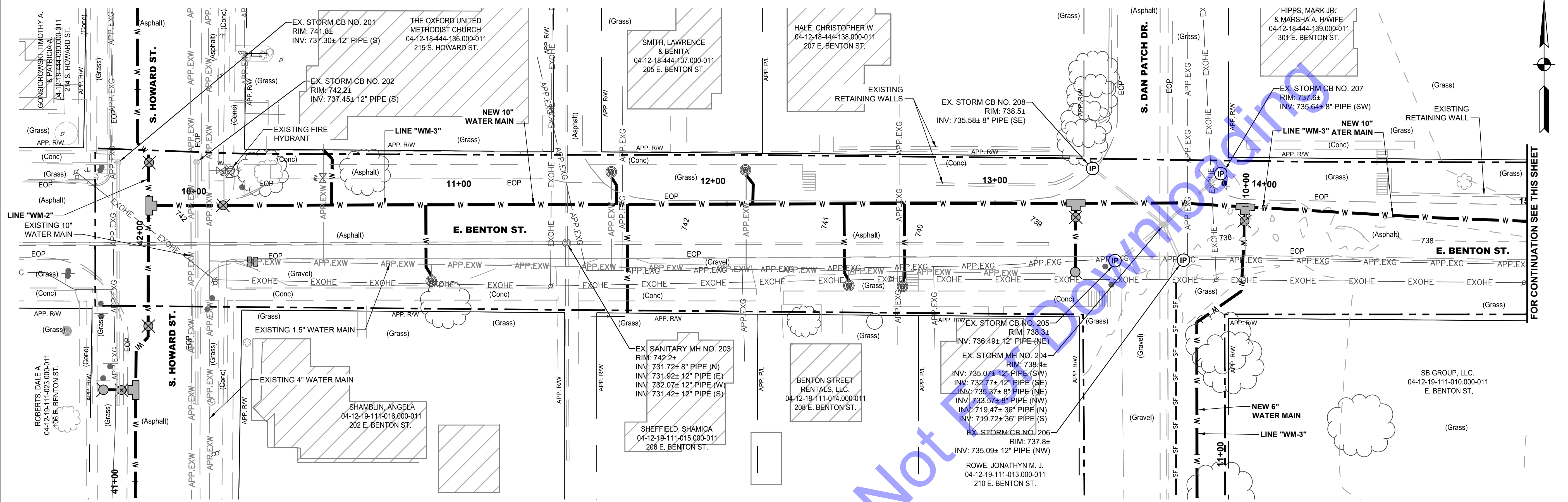
No.	Submittal / Revision	By	Date

Designed By: RMB	Drawn By: JRD	Checked By: CAL
Issue Date: 02-17-2025	Project No: W21101	Scale: AS SHOWN

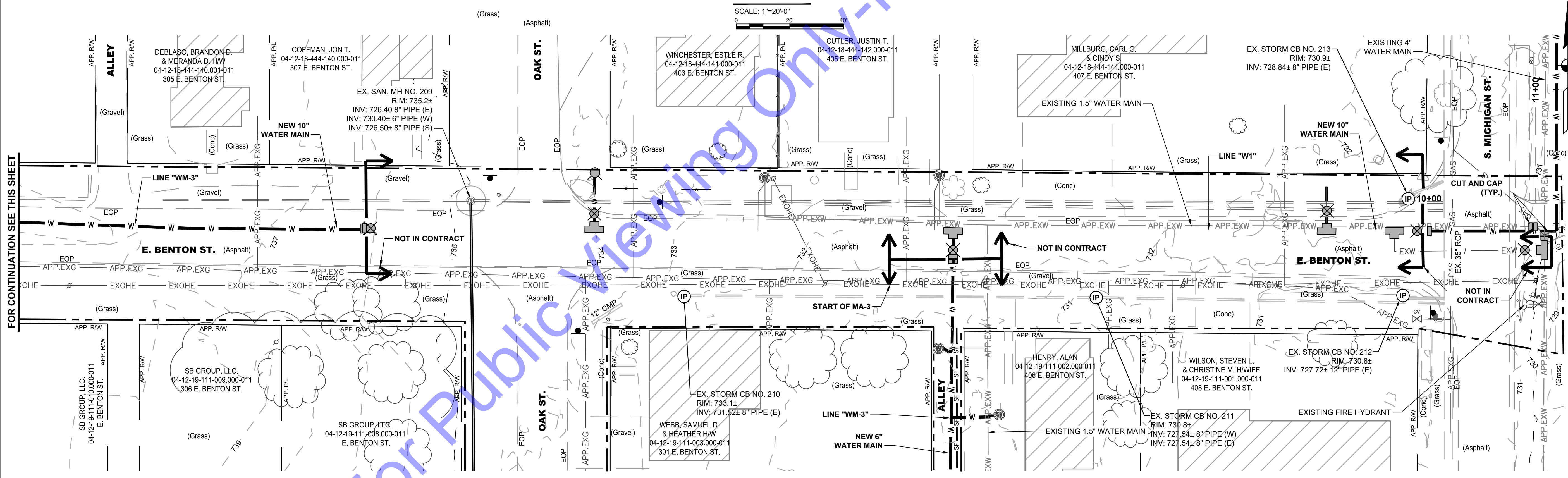
**EROSION CONTROL
 PLAN - LINE "WM-2"**

Drawing No:
EC08
 Sheet: 12 OF 46

FILE: Z:\SHARED\CLIENTS\2025\000\001\11 WATER UTILITY IMPROVEMENTS\DRAWINGS\DIVISION B - SYSTEM\PLAN AND PROFILE\BENTON ST DRAWINGS.DWG
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 User: jrd
 Date: 04-12-19-11-003.000-011.dwg
 Scale: 1"=20'-0"



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



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

EROSION CONTROL LEGEND:

	STORM INLET PROTECTION		STOCKPILE
	PERMANENT SEEDING		
	LIMIT OF DISTURBANCE		
	SILT FENCE		

- 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, STAGING AREA, STOCKPILE, 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 SHEET EC15 AND EC16 FOR EROSION CONTROL DETAILS.

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ROBERT M. BELLUCCI
 REGISTERED PROFESSIONAL ENGINEER
 No. 10000127
 STATE OF INDIANA
 Signature: [Signature] Date: 9-6-24

TOWN OF OXFORD
 BENTON COUNTY, INDIANA
 WATER UTILITY IMPROVEMENTS PROJECT
 DIVISION "B" - WATER DISTRIBUTION SYSTEM IMPROVEMENTS PROJECT

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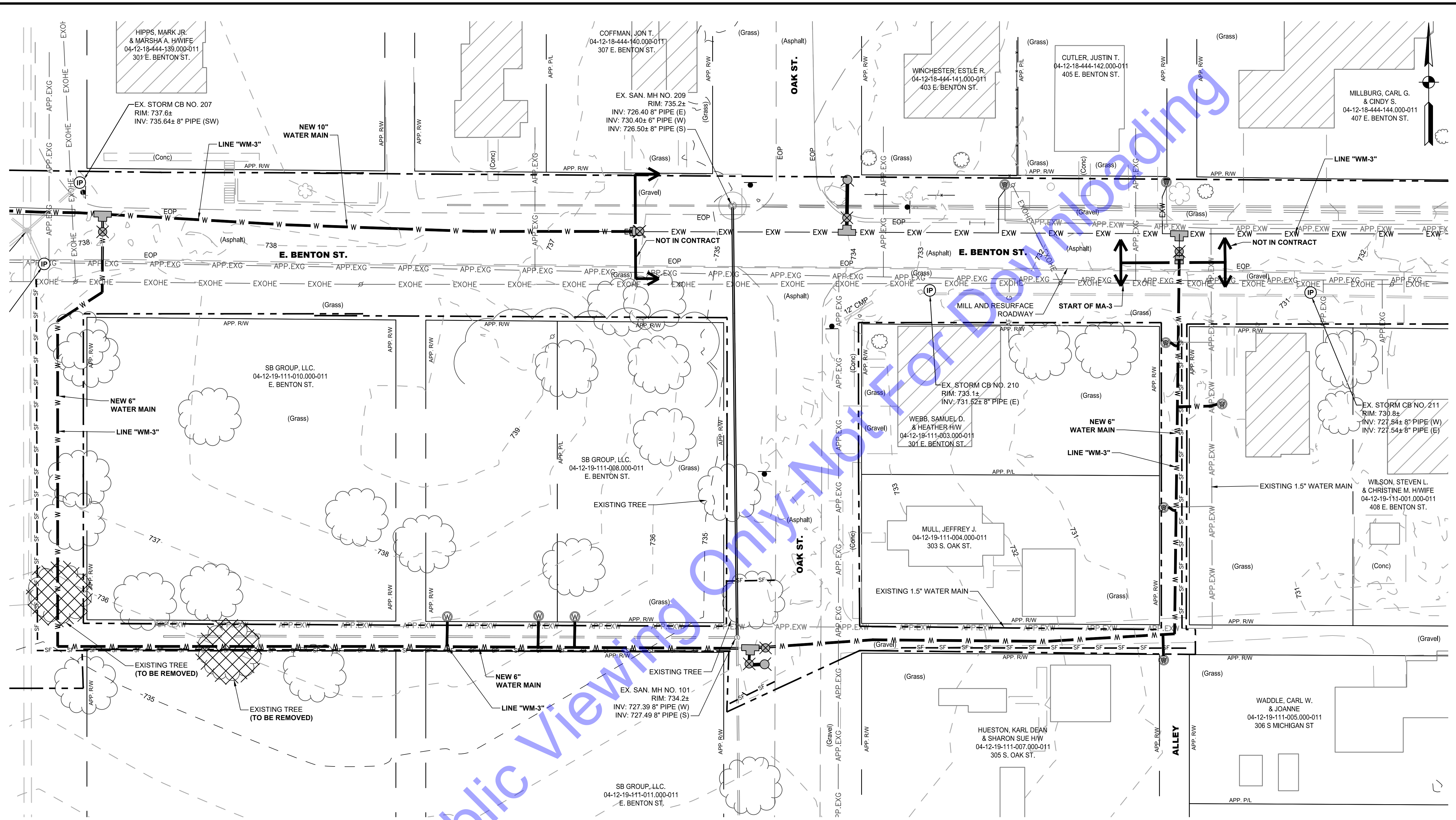
Date	
By	
No. Submittal/Revision	

Designed By: RMB	Drawn By: JRD	Checked By: CAL
Issue Date: 02-17-2025	Project No: W21101	Scale: AS SHOWN

EROSION CONTROL PLAN - LINE "WM-3"

Drawing No: **EC09**
 Sheet: 13 OF 46

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 DATE: 21/2025_04_10_101
 DRAWN BY: JRD
 CHECKED BY: CAL
 PROJECT NO: W21101
 SCALE: AS SHOWN
 SHEET: 14 OF 46



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

EROSION CONTROL LEGEND:

- (IP) STORM INLET PROTECTION
- (PS) PERMANENT SEEDING
- LIMIT OF DISTURBANCE
- SF- SILT FENCE
- (SP) STOCKPILE

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, STAGING AREA, STOCKPILE, 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.
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 STATE OF INDIANA
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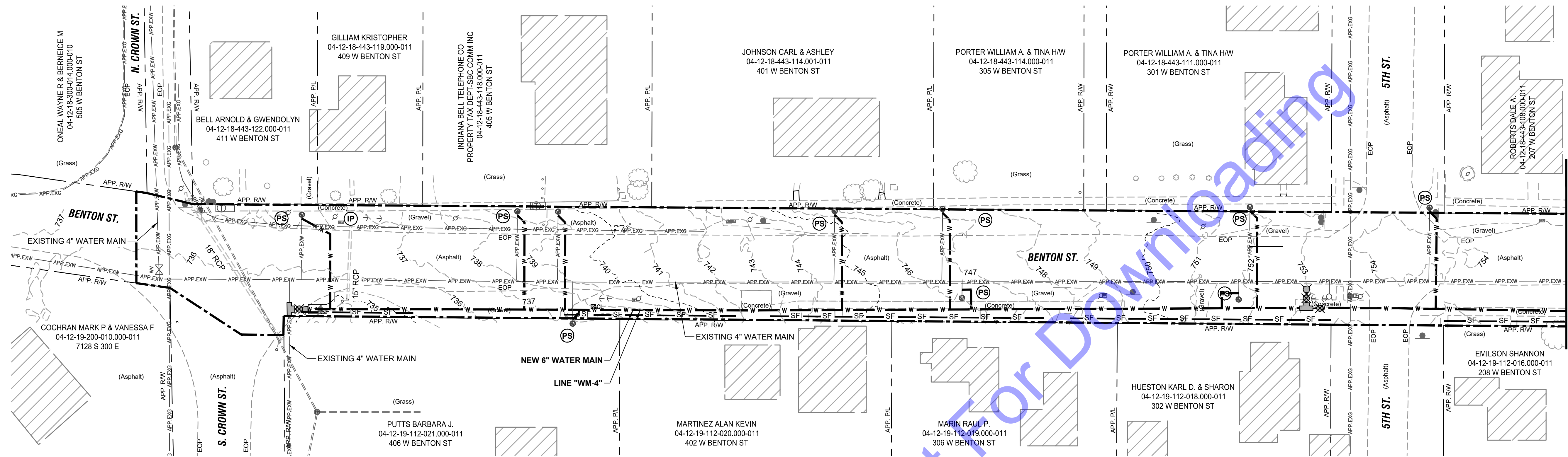
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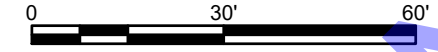
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Issue Date: 02-17-2025	Project No: W21101	Scale: AS SHOWN

**EROSION CONTROL
 PLAN - LINE "WM-3"**



PLAN VIEW

SCALE: 1"=30'-0"



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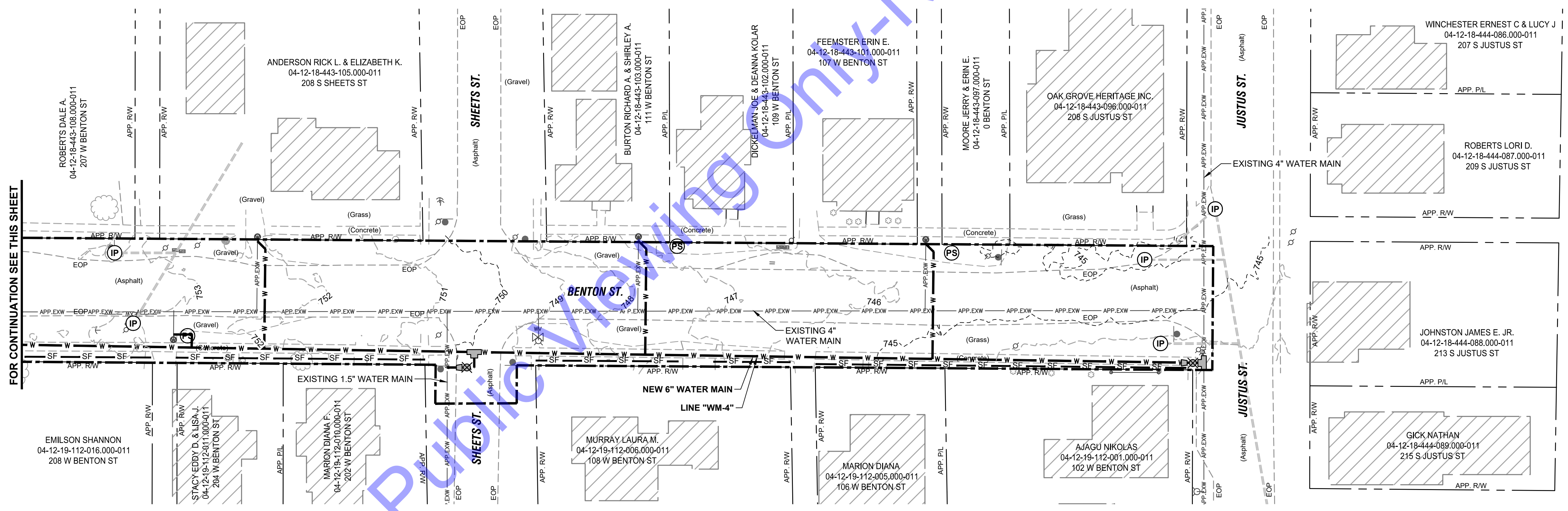
FOR CONTINUATION SEE THIS SHEET

LEGEND:

- (IP) STORM INLET PROTECTION
- (PS) PERMANENT SEEDING
- SF — SILT FENCE
- CONSTRUCTION LIMITS

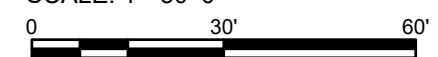
GENERAL NOTES:

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2. SEE SHEET EC15 AND EC16 FOR EROSION CONTROL DETAILS.



PLAN VIEW

SCALE: 1"=30'-0"



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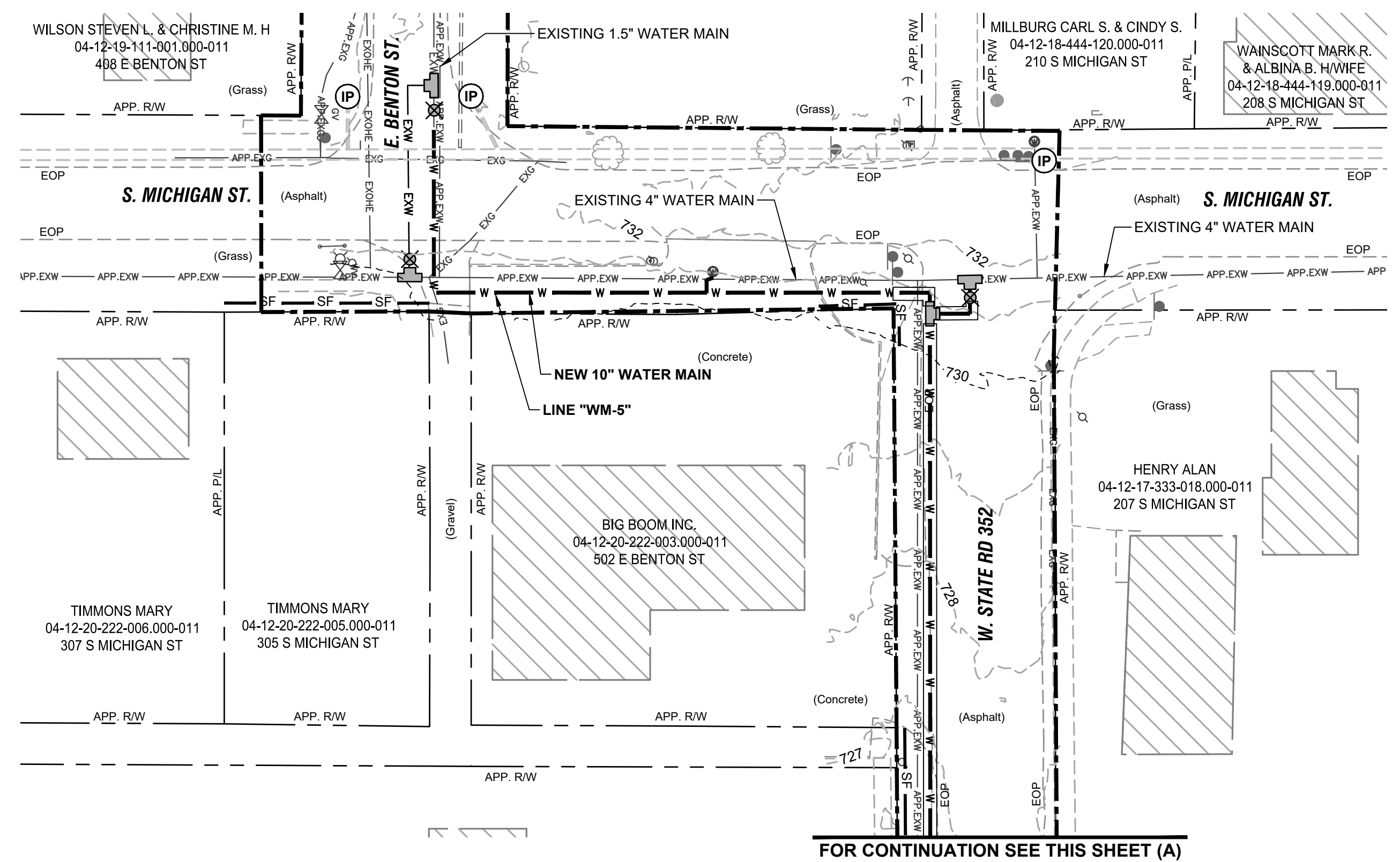
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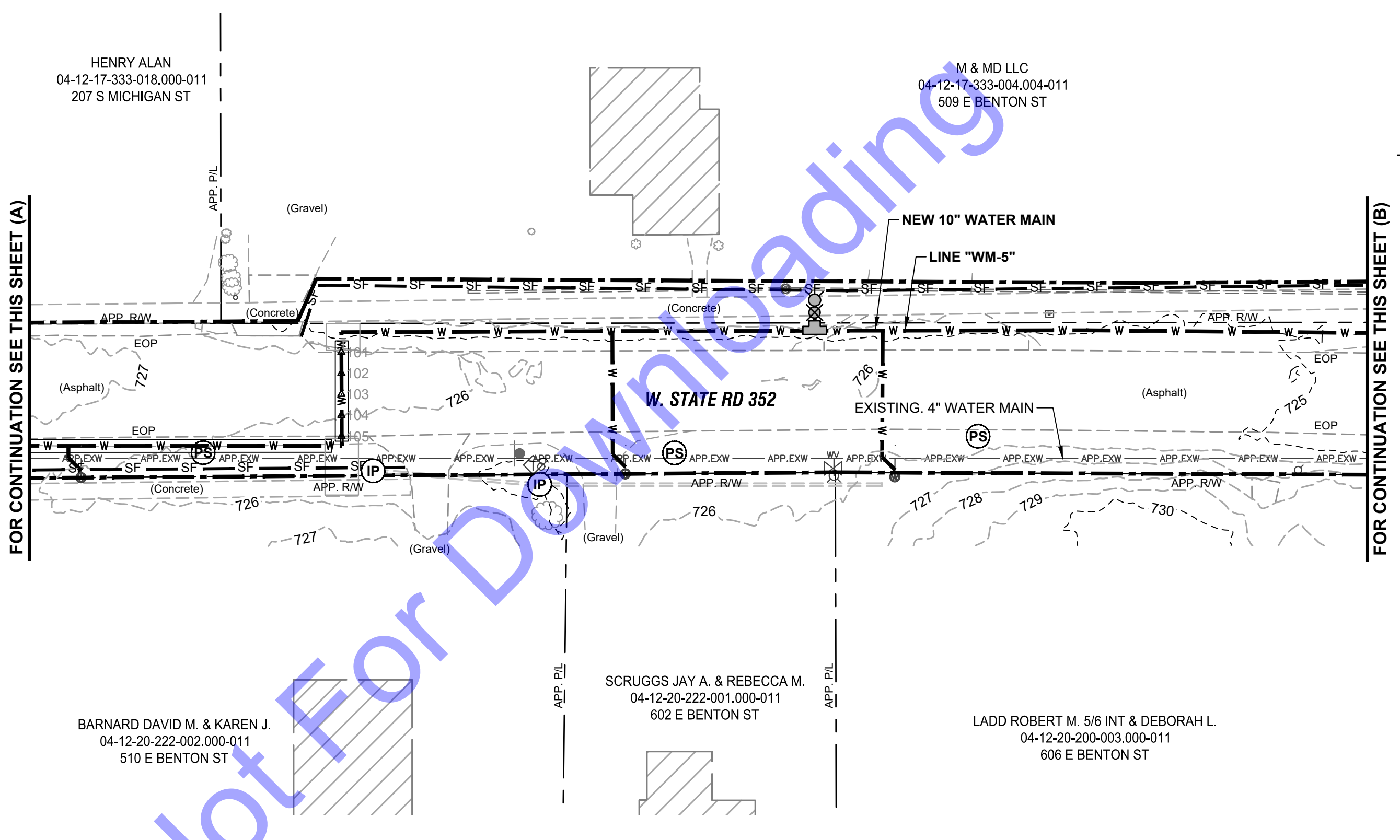
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Issue Date: 02-17-2025	Project No: W21101	Scale: AS SHOWN

**EROSION CONTROL
 PLAN - LINE "WM-4"**

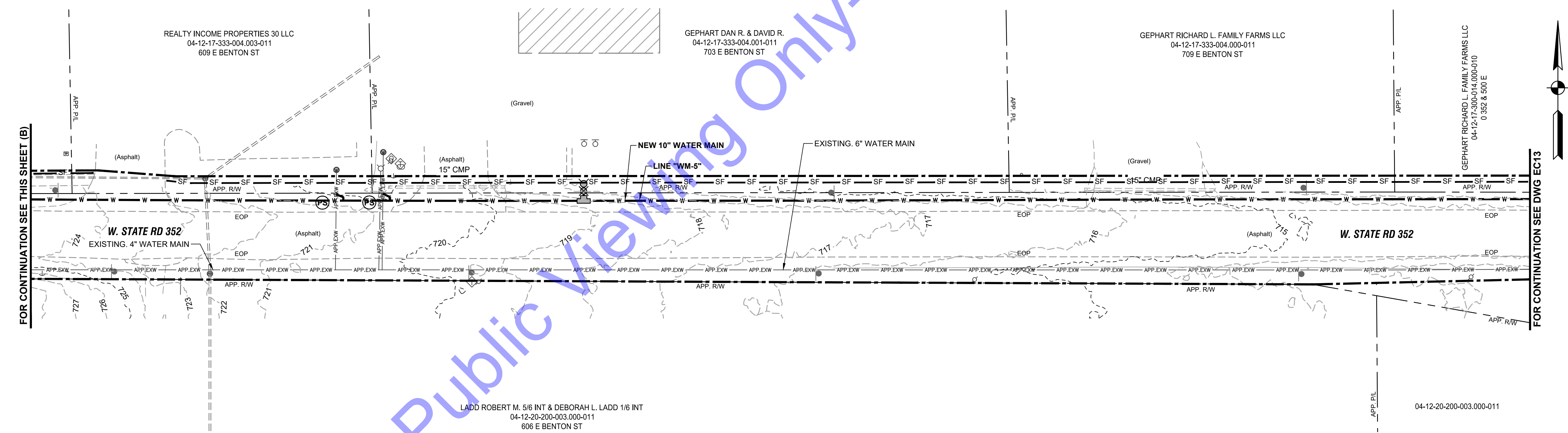
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PLAN VIEW
SCALE: 1"=30'-0"



PLAN VIEW
SCALE: 1"=30'-0"



PLAN VIEW
SCALE: 1"=30'-0"

- LEGEND:**
- (IP) STORM INLET PROTECTION
 - (PS) PERMANENT SEEDING
 - SF - SILT FENCE
 - - - CONSTRUCTION LIMITS

- GENERAL NOTES:**
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 - SEE SHEET EC15 AND EC16 FOR EROSION CONTROL DETAILS.

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 STATE OF INDIANA
 Signature: [Signature] Date: 9-6-24

TOWN OF OXFORD
 BENTON COUNTY, INDIANA
 WATER UTILITY IMPROVEMENTS PROJECT
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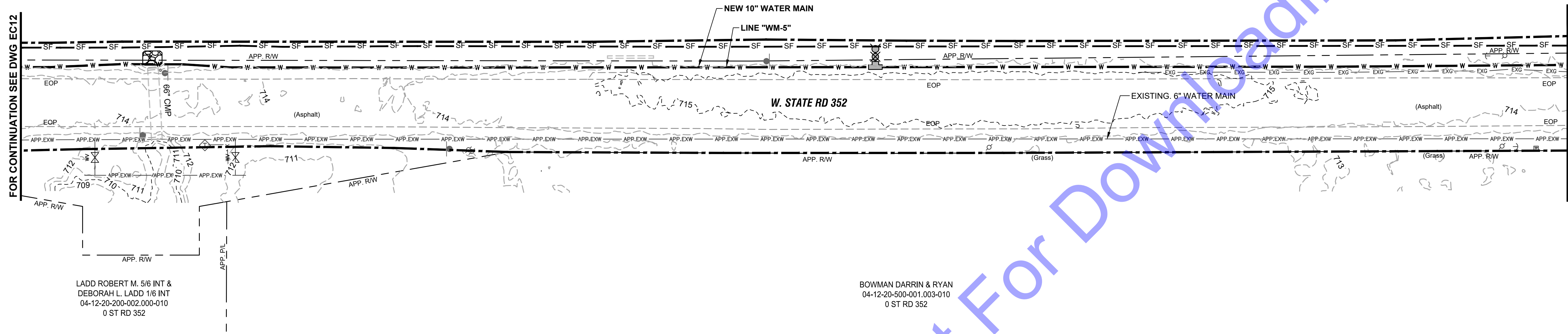
EROSION CONTROL
 PLAN - LINE "WM-5"

GEPHART RICHARD L. FAMILY FARMS LLC
04-12-17-300-014.000-010
0 352 & 500 E

GEPHART RICHARD L. FAMILY FARMS LLC
04-12-17-300-014.000-010
0 352 & 500 E

FOR CONTINUATION SEE DWG EC12

FOR CONTINUATION SEE THIS SHEET

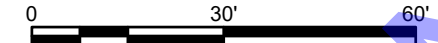


LADD ROBERT M. 5/6 INT &
DEBORAH L. LADD 1/6 INT
04-12-20-200-002.000-010
0 ST RD 352

BOWMAN DARRIN & RYAN
04-12-20-500-001.003-010
0 ST RD 352

PLAN VIEW

SCALE: 1"=30'-0"

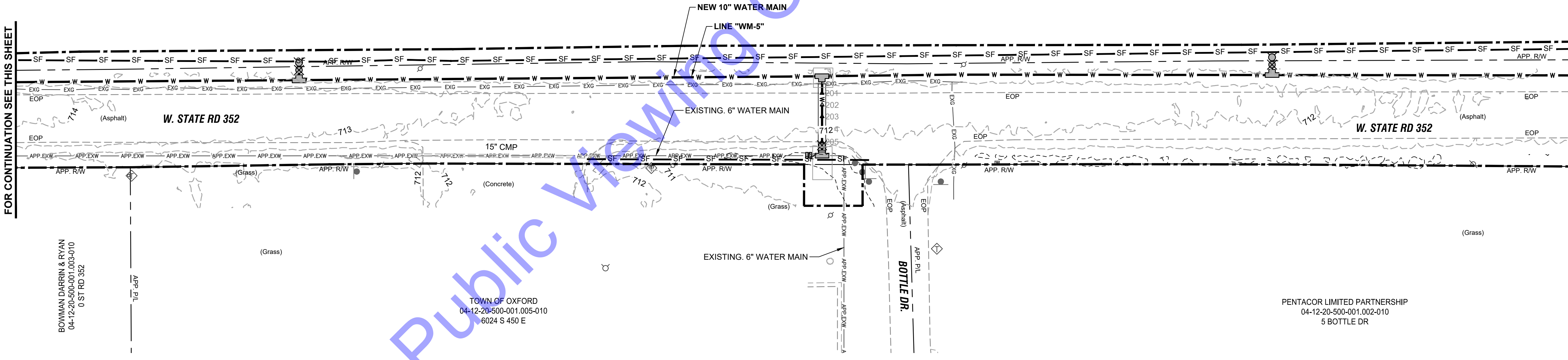


GEPHART RICHARD L. FAMILY FARMS LLC
04-12-17-300-014.000-010
0 352 & 500 E

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04-12-17-300-014.000-010
0 352 & 500 E

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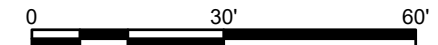
BOWMAN DARRIN & RYAN
04-12-20-500-001.003-010
0 ST RD 352

TOWN OF OXFORD
04-12-20-500-001.005-010
6024 S 450 E

PENTACOR LIMITED PARTNERSHIP
04-12-20-500-001.002-010
5 BOTTLE DR

PLAN VIEW

SCALE: 1"=30'-0"



LEGEND:

- STORM INLET PROTECTION
- PERMANENT SEEDING
- SILT FENCE
- CONSTRUCTION LIMITS

GENERAL NOTES:

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STATE OF INDIANA
Signature: [Signature] Date: 9-6-24

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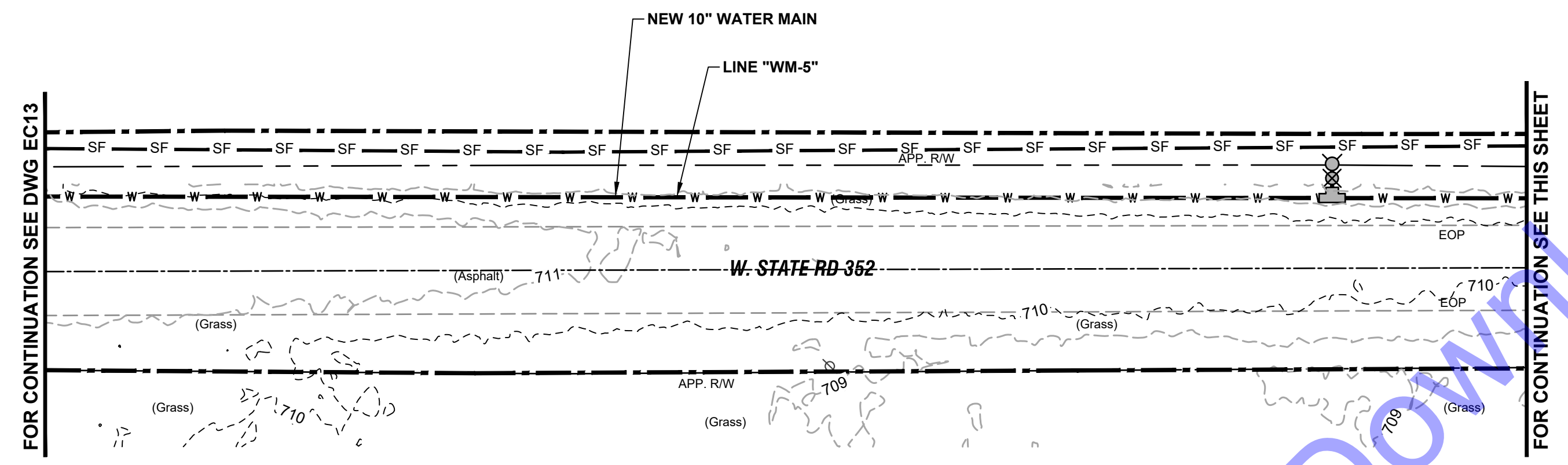
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EROSION CONTROL
PLAN - LINE "WM-5"

Drawing No:
EC13
Sheet: 17 OF 46

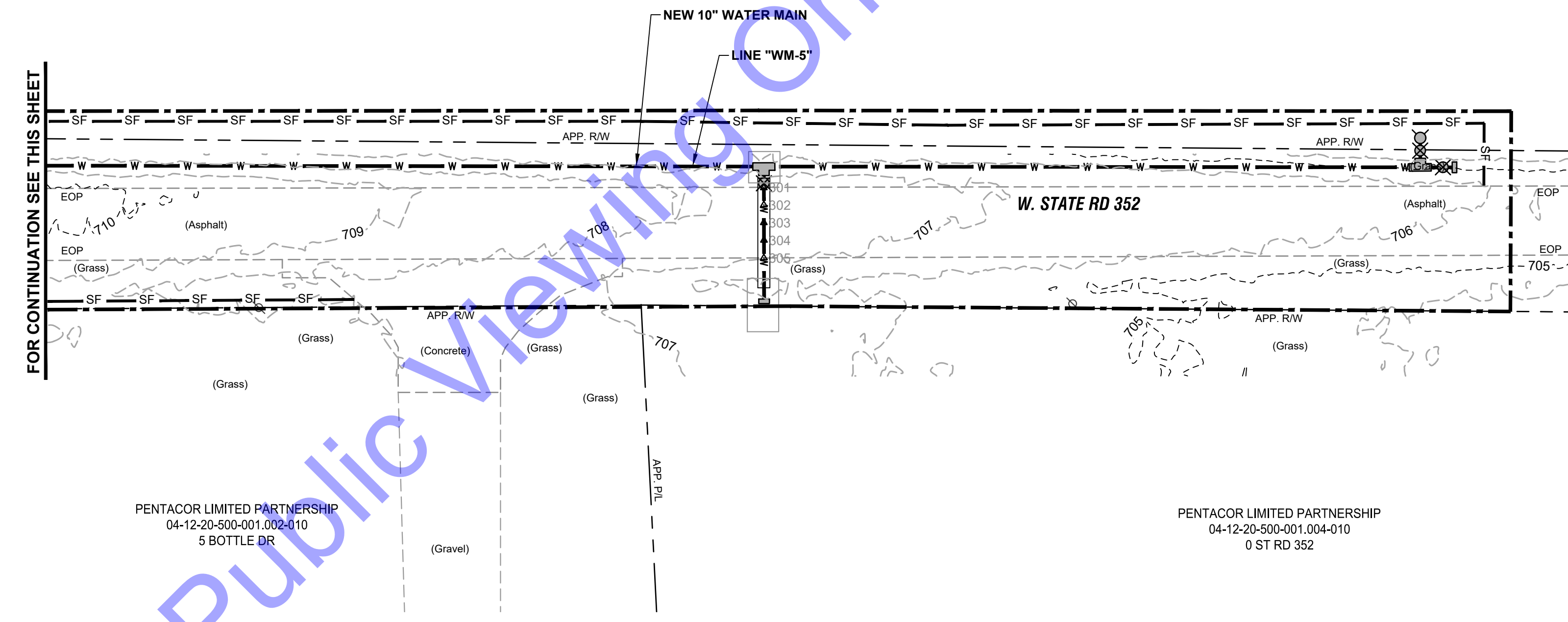
GEPHART RICHARD L. FAMILY FARMS LLC
04-12-17-300-014.000-010
0 352 & 500 E



PLAN VIEW

SCALE: 1"=30'-0"
0 30' 60'

GEPHART RICHARD L. FAMILY FARMS LLC
04-12-17-300-014.000-010
0 352 & 500 E



PLAN VIEW

SCALE: 1"=30'-0"
0 30' 60'

LEGEND:

- STORM INLET PROTECTION
- PERMANENT SEEDING
- SILT FENCE
- CONSTRUCTION LIMITS

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REGISTERED PROFESSIONAL ENGINEER
No. 10000127
STATE OF INDIANA
Signature: Date: 9-6-24

**TOWN OF OXFORD
BENTON COUNTY, INDIANA
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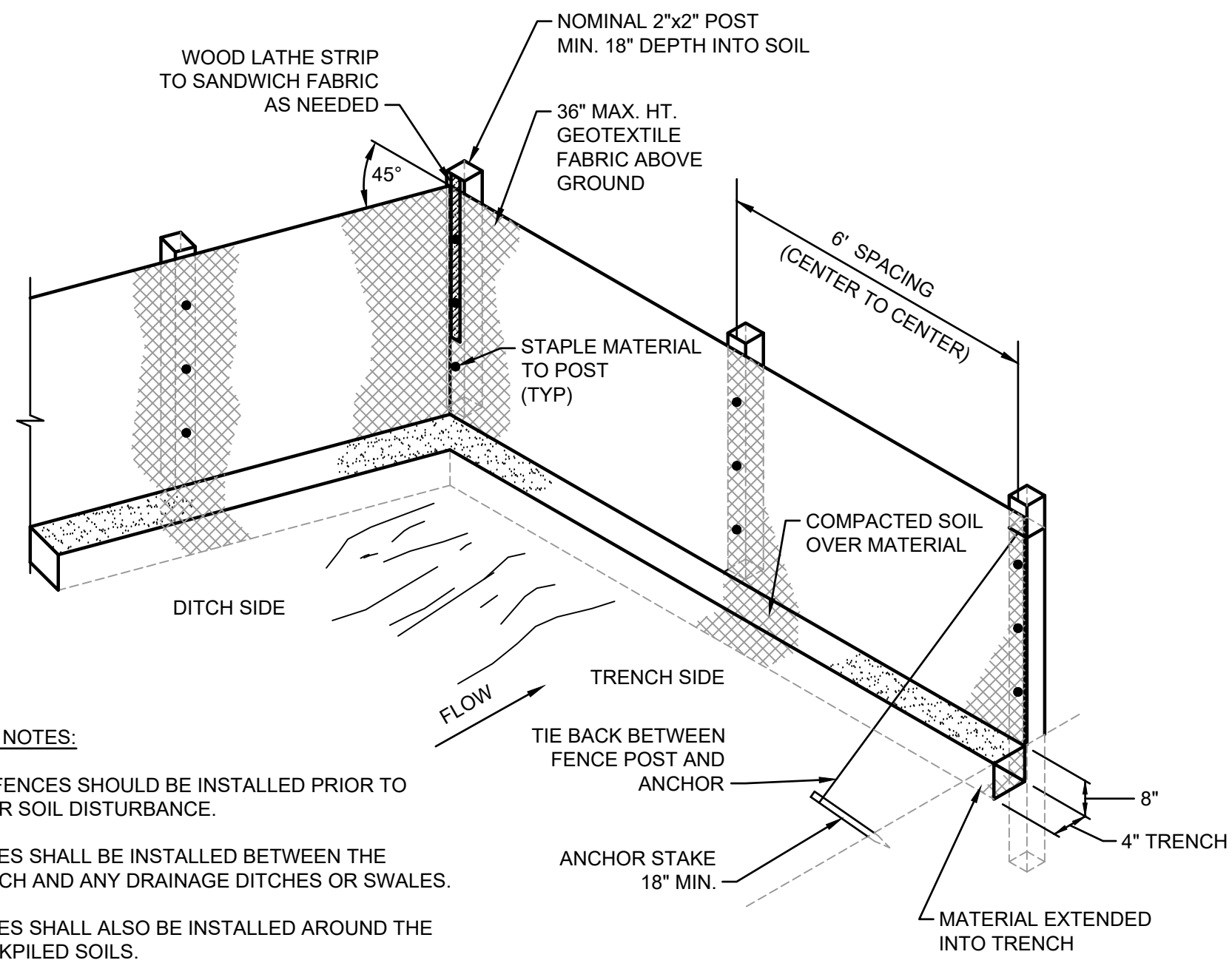
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Designed By: RMB	Drawn By: JRD	Checked By: CAL
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**EROSION CONTROL
PLAN - LINE "WM-5"**

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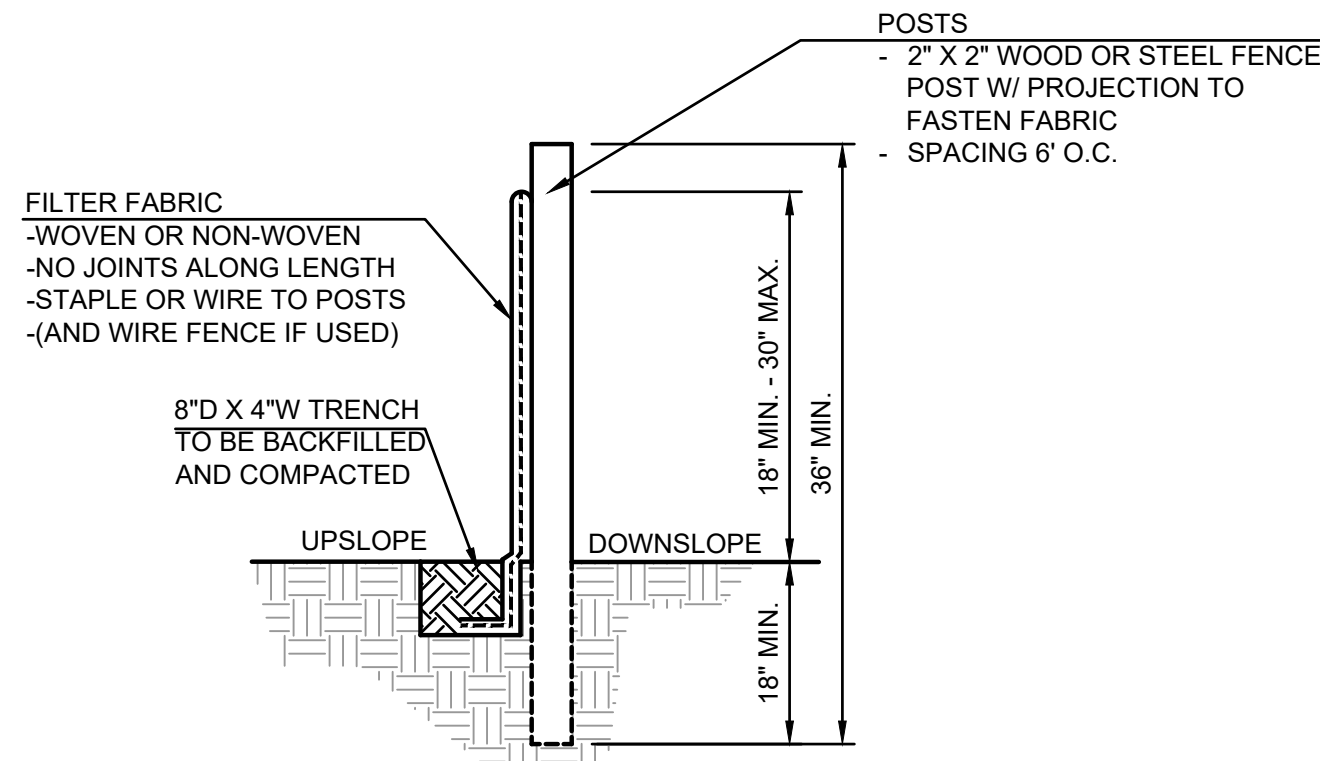


GENERAL NOTES:

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

SILT FENCE DETAIL

NOT TO SCALE



INSTALLATION:

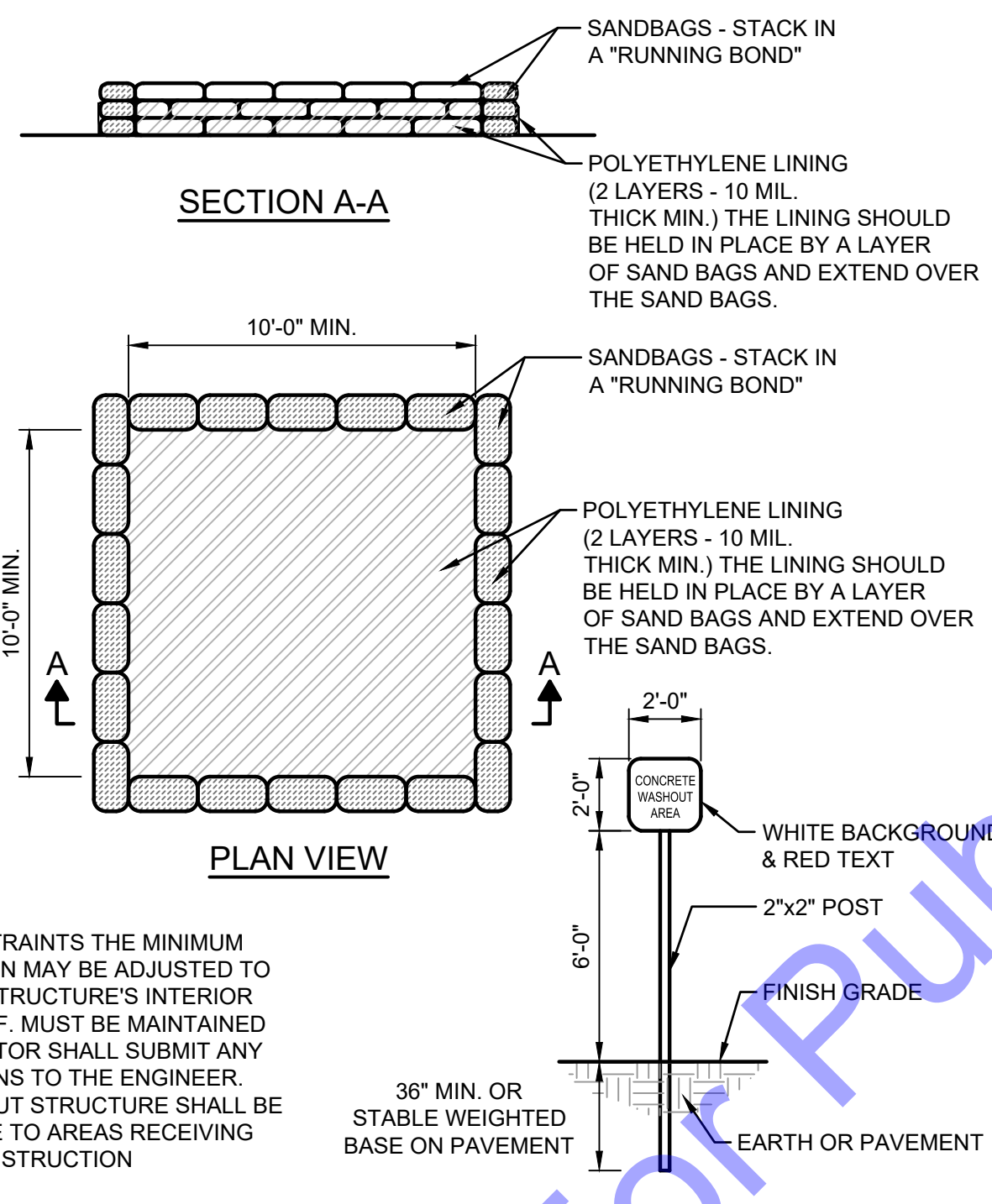
- THE BOTTOM 1\"/>

MAINTENANCE:

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

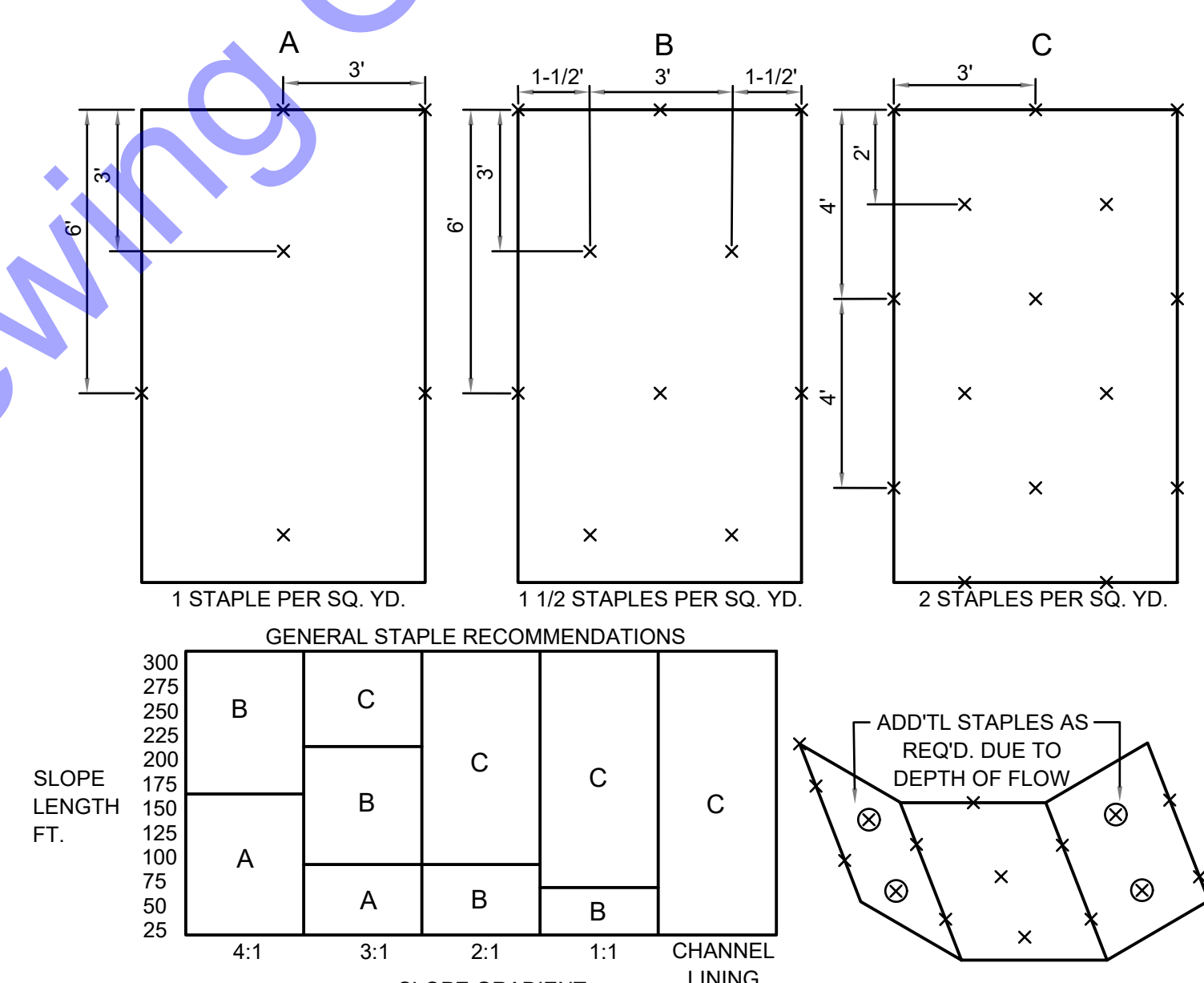
GENERAL EROSION AND SEDIMENT CONTROL NOTES

- ALL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE IN ACCORDANCE WITH THE INDIANA STORM WATER QUALITY MANUAL FROM THE INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT AND LOCAL EROSION AND SEDIMENT CONTROL ORDINANCE, OR SWCD.
- THE NOTICE OF INTENT (NOI) AND PUBLIC NOTICE FOR THE PROJECT SHALL BE POSTED ON A SIGN INSTALLED AT OR NEAR THE SITE CONSTRUCTION TRAILER. THE NOI SHALL LIST THE CONTACT INFORMATION FOR THE SITE CONTACT PERSON. THE SIGN AND INFORMATION SHALL BE MAINTAINED AND REMAIN LEGIBLE THROUGHOUT CONSTRUCTION.
- A COPY OF THIS EROSION AND SEDIMENT CONTROL PLAN AND THE EROSION AND SEDIMENT CONTROL REPORT SHALL BE AVAILABLE AT THE PROJECT SITE THROUGHOUT THE ENTIRE CONSTRUCTION PERIOD.
- THE CONTRACTOR SHALL CONTROL WASTE, GARBAGE, DEBRIS, WASTEWATER, AND OTHER SUBSTANCES ON THE SITE SO THEY WILL NOT BE TRANSPORTED FROM THE SITE BY THE ACTION OF WIND, STORM WATER RUNOFF, OR OTHER FORCES. PROPER DISPOSAL OR MANAGEMENT OF ALL WASTES AND UNUSED BUILDING MATERIAL APPROPRIATE TO THE NATURE OF THE WASTE OR MATERIAL IS REQUIRED.
- PUBLIC OR PRIVATE ROADWAYS SHALL BE KEPT CLEAR OF ACCUMULATED SEDIMENT. ALL SEDIMENT THAT IS CLEARED MUST BE RETURNED TO THE LIKELY POINT OF ORIGIN OR OTHER SUITABLE LOCATION. CLEARING OF LARGE AMOUNTS OF SEDIMENT SHALL NOT INCLUDE FLUSHING THE AREA WITH WATER.
- MINIMIZE THE EXPOSURE OF BARE EARTH BY LIMITING THE WORK AREA TO THAT NECESSARY TO PERFORM THE WORK, AND BY PROPER SCHEDULING OF MANPOWER AND EQUIPMENT.
- ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSPECTED, CLEANED, AND MAINTAINED FOLLOWING EACH STORM EVENT.
- WHEREVER POSSIBLE, MAINTAIN EXISTING VEGETATIVE COVER. USE NON-VEGETATIVE MATERIAL INCLUDING MULCH, EROSION BLANKETS, OR STONE TO CONTROL EROSION FROM DISTURBED AREAS.
- A LOG SHALL BE MAINTAINED OF ALL INSPECTIONS (WEEKLY, AND FOLLOWING STORM EVENTS), MAINTENANCE AND REPAIR OF EROSION AND SEDIMENT CONTROL MEASURES. THE LOG SHALL BE MAINTAINED ON SITE AND BE AVAILABLE UPON REQUEST TO THE OWNERS REPRESENTATIVES AND THE OPERATING AUTHORITIES HAVING JURISDICTION OVER THE SITE.



CONCRETE WASHOUT PIT DETAIL

NOT TO SCALE



EROSION CONTROL BLANKET

NOT TO SCALE

SPECIFICATIONS

EFFECTIVE LIFE

- THE FUNCTIONAL LIFE OF AN EROSION CONTROL BLANKET IS DEPENDENT ON THE MATERIALS USED.

ANCHORING

- STAPLES, PINS OR STAKES USED TO PREVENT MOVEMENT OR DISPLACEMENT OF BLANKET. (FOLLOW MANUFACTURER'S RECOMMENDATIONS FOR SPECIFIC APPLICATIONS.)

MATERIALS

- ORGANIC (STRAW, EXCELSIOR, WOVEN PAPER, COCONUT FIBER, ETC.) OR SYNTHETIC MULCH INCORPORATED WITH A POLYPROPYLENE, NATURAL FIBER OR SIMILAR NETTING MATERIAL. (THE NETTING MAY BE BIODEGRADABLE, PHOTODEGRADABLE OR PERMANENT.)

NOTE: SOME EROSION CONTROL BLANKET NETTINGS MAY POSE A THREAT TO CERTAIN SPECIES OF WILDLIFE IF THEY BECOME ENTANGLED IN THE NETTING MATRIX.

- SIX TO 12-INCH STAPLES, PINS, OR STAKES.

INSTALLATION

- SELECT THE TYPE AND WEIGHT OF EROSION CONTROL BLANKET TO FIT THE SITE CONDITIONS (E.G., SLOPE, CHANNEL, FLOW VELOCITY) PER THE MANUFACTURER'S RECOMMENDATIONS.
- PREPARE THE SEEDBED, ADD SOIL AMENDMENTS, AND PERMANENTLY SEED THE AREA IMMEDIATELY FOLLOWING SEEDBED PREPARATION.
- LAY EROSION CONTROL BLANKETS ON THE SEEDBED SO THAT THEY ARE IN CONTINUOUS CONTACT WITH THE SOIL WITH EACH UP-SLOPE OR UP-STREAM BLANKET OVERLAPPING THE DOWN-SLOPE OR DOWN-STREAM BLANKET BY AT LEAST EIGHT INCHES, OR FOLLOW MANUFACTURER'S RECOMMENDATIONS.
- TUCK THE UPPERMOST EDGE OF THE UPPER BLANKETS INTO A CHECK SLOT (SLIT TRENCH), BACKFILL WITH SOIL AND TAMP DOWN. IN CERTAIN APPLICATIONS, THE MANUFACTURER MAY REQUIRE ADDITIONAL CHECK SLOTS AT SPECIFIC LOCATIONS DOWN SLOPE FROM THE UPPERMOST EDGE OF THE UPPER BLANKETS.
- ANCHOR THE BLANKETS IN PLACE BY DRIVING STAPLES, PINS, OR STAKES THROUGH THE BLANKET AND INTO THE UNDERLYING SOIL. FOLLOW AN ANCHORING PATTERN APPROPRIATE FOR THE SITE CONDITIONS AND AS RECOMMENDED BY THE MANUFACTURER.

MAINTENANCE

- INSPECT WITHIN 24 HOURS OF EACH RAIN EVENT AND AT LEAST ONCE EVERY SEVEN CALENDAR DAYS.
- CHECK FOR EROSION OR DISPLACEMENT OF THE BLANKET.
- IF ANY AREA SHOWS EROSION, PULL BACK THAT PORTION OF THE BLANKET COVERING THE ERODED AREA, ADD SOIL AND TAMP, RESEED THE AREA, REPLACE AND STAPLE THE BLANKET.

NOTES

CHANNEL LININGS UTILIZE STAPLE PATTERN "C" WITH ADDITIONAL STAPLES ON SIDE SLOPES AT PROJECTED WATER LINE.

STAPLE PATTERNS APPLY TO ALL NORTH AMERICAN GREEN EROSION CONTROL BLANKETS. STAPLE PATTERNS MAY VARY DEPENDING UPON SOIL TYPE AND AVERAGE RAINFALL.

AT SLOPE LENGTHS GREATER THAN 300 FEET OR WHERE DRAINAGE OVER LARGE AREAS IS DIRECTED ONTO THE BLANKETS, STAPLE PATTERN "C" SHOULD BE UTILIZED.

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 STATE OF INDIANA
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TOWN OF OXFORD
BENTON COUNTY, INDIANA
WATER UTILITY IMPROVEMENTS PROJECT
DIVISION "B" - WATER DISTRIBUTION SYSTEM IMPROVEMENTS PROJECT

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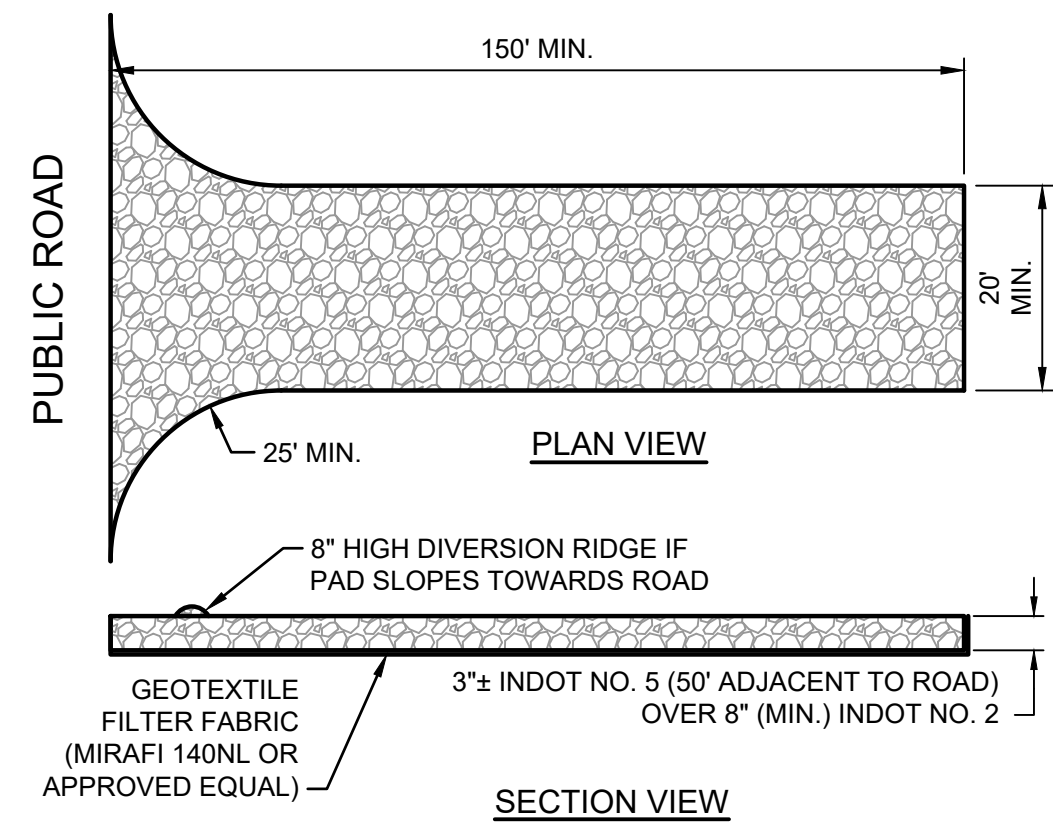
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EROSION CONTROL DETAILS

Drawing No:
EC15

Sheet: 19 OF 46

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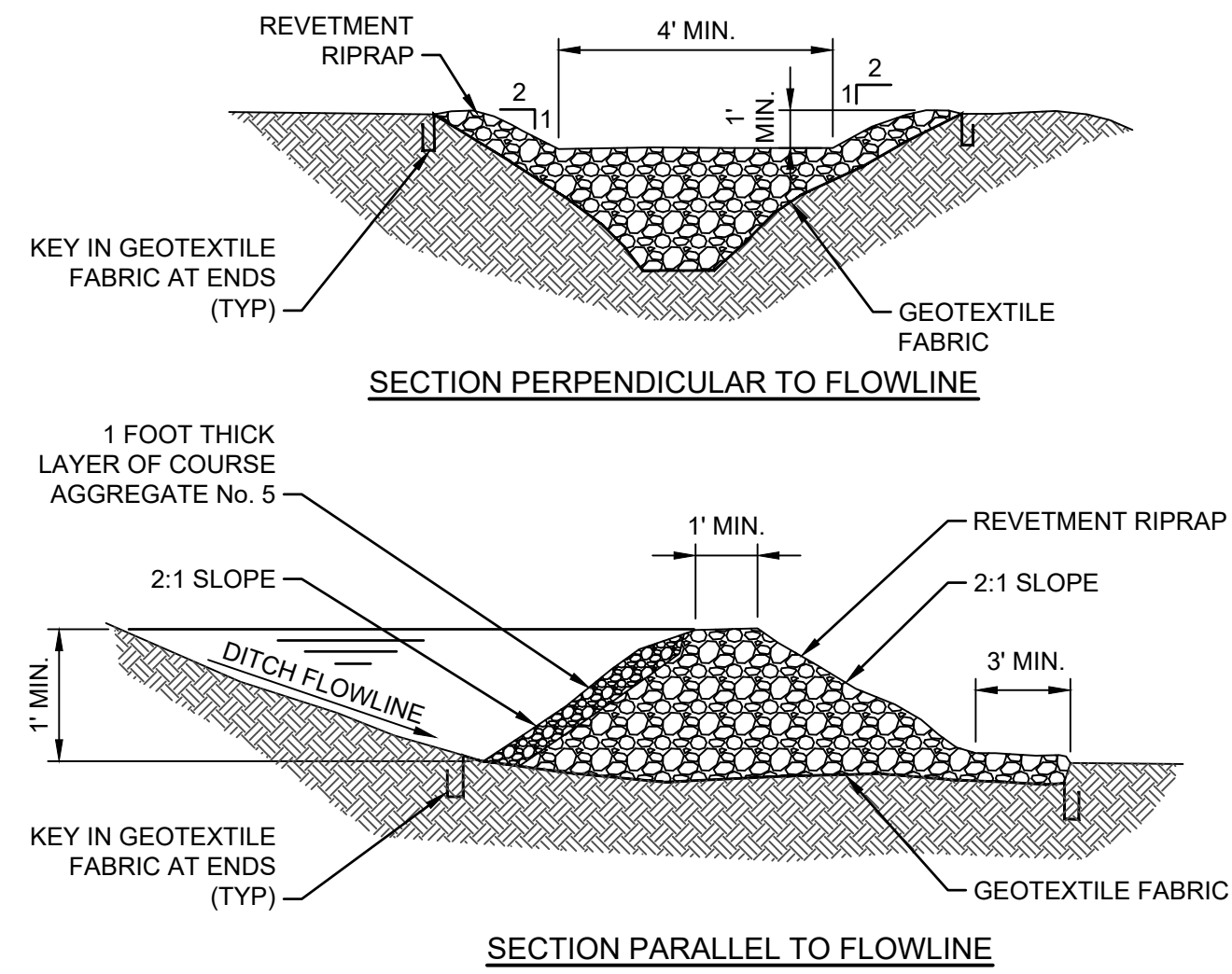


MAINTENANCE:

1. INSPECT DAILY AND AFTER EACH STORM EVENT OR HEAVY USE.
2. RESHAPE AS NEEDED FOR DRAINAGE AND RUNOFF CONTROL.
3. TOPDRESS WITH CLEAN STONE AS REQUIRED. MAINTAIN MINIMUM DEPTH THROUGHOUT CONSTRUCTION.
4. IMMEDIATELY REMOVE MUD AND SEDIMENT TRACKED OR WASHED ONTO PUBLIC ROADS BY SWEEPING OR BRUSHING. (DO NOT FLUSH AREA WITH WATER UNLESS WATER IS CONVEYED TO SEDIMENT TRAP.)
5. REPAIR ANY BROKEN PAVEMENT IMMEDIATELY.

STABILIZED CONSTRUCTION ENTRANCE DETAIL

NOT TO SCALE

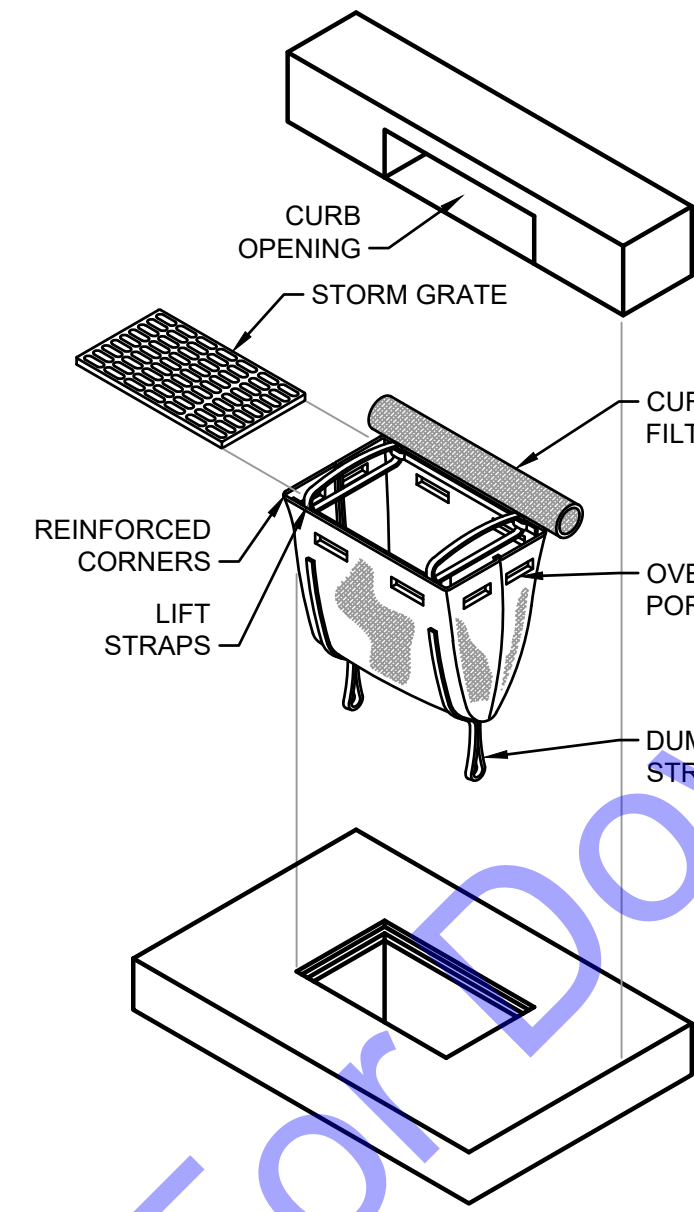


GENERAL NOTES:

1. RIPRAP DITCH CHECK DAMS SHALL BE PLACED SUCH THAT THE TOP OF THE DOWNSTREAM CHECK DAM IS AT THE SAME ELEVATION AS THE TOE OF THE ADJACENT UPSTREAM CHECK DAM.
2. AFTER COMPLETION OF CONTRACT, OR AS REQUESTED BY OWNER, THE CONTRACTOR SHALL REMOVE ALL TEMPORARY EROSION CONTROL ITEMS, REMOVE ALL ACCUMULATED DEPOSITS AND, AS REQUIRED, SEED AND MULCH OR SOD AS REQUIRED TO ESTABLISH AREA TO CONDITION PRIOR TO CONSTRUCTION.

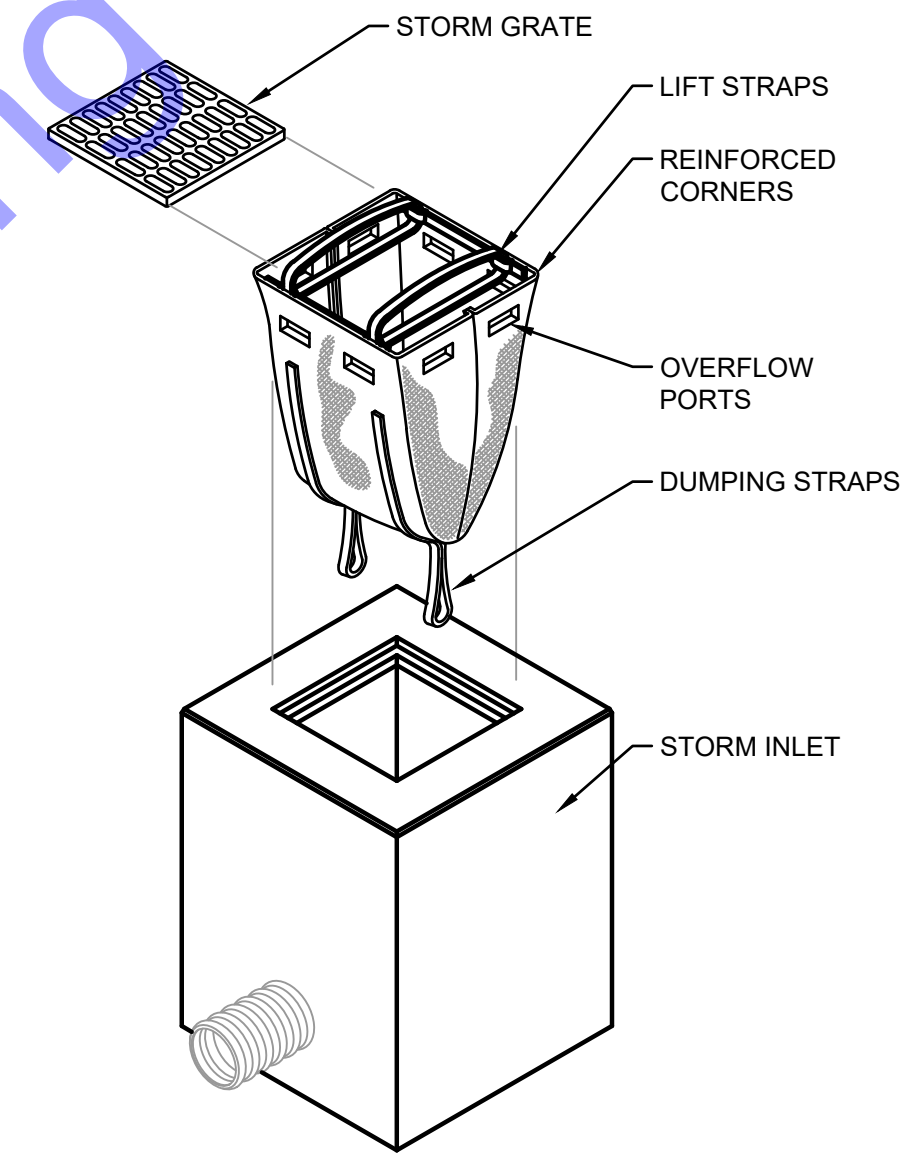
ROCK CHECK DAM DETAIL

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INSERT (BASKET) CURB INLET PROTECTION DETAIL

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INSERT (BASKET) INLET PROTECTION DETAIL

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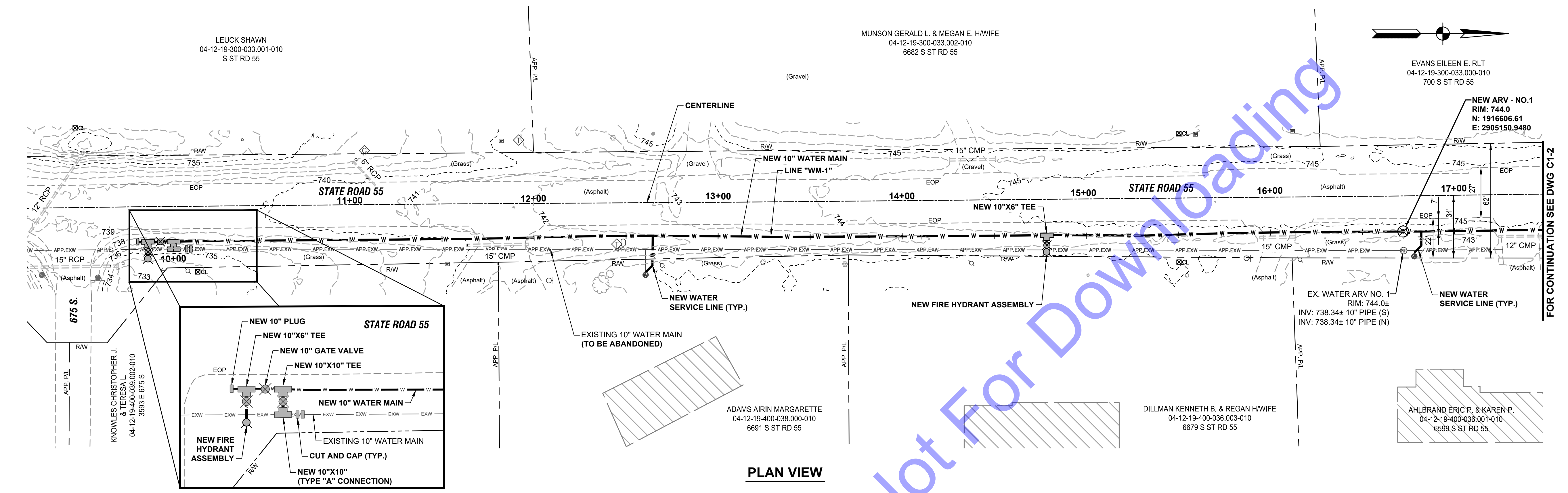
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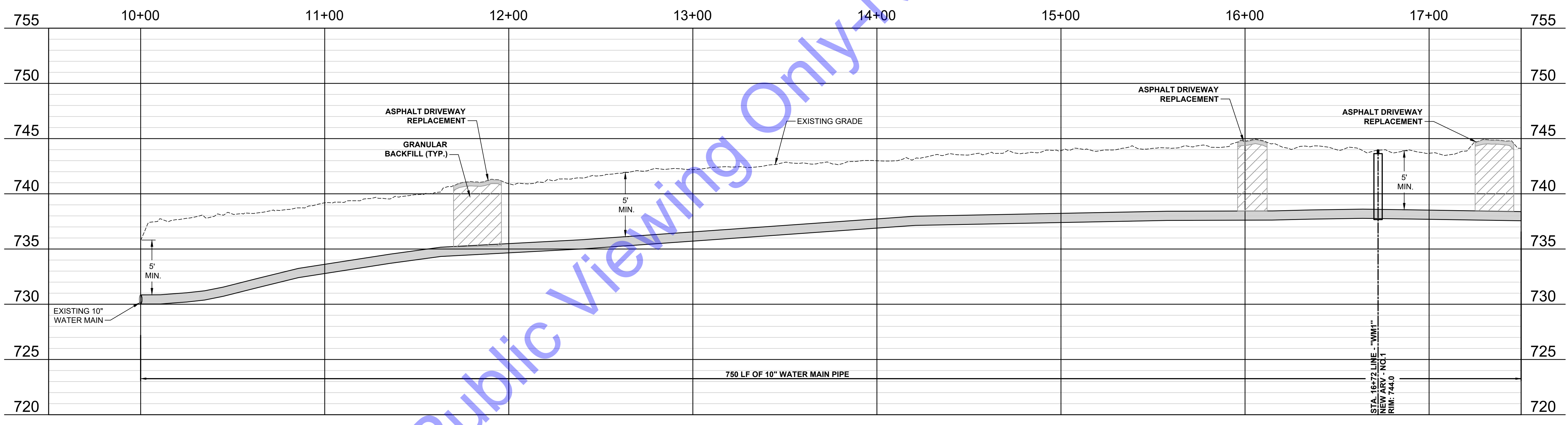
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**EROSION CONTROL
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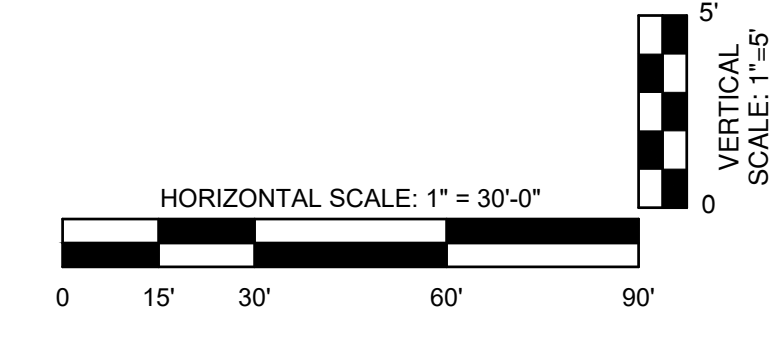
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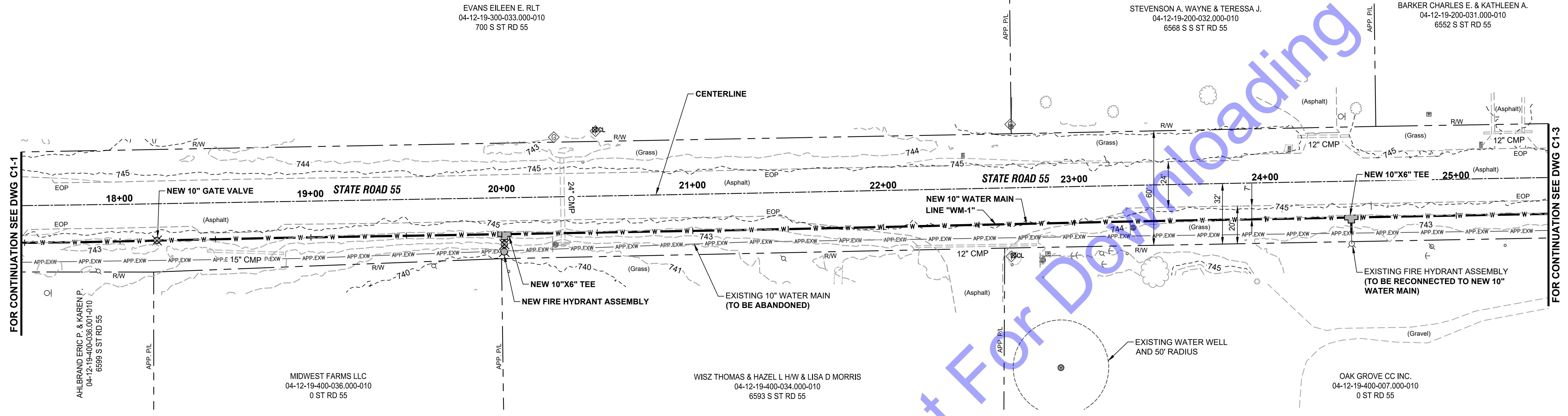
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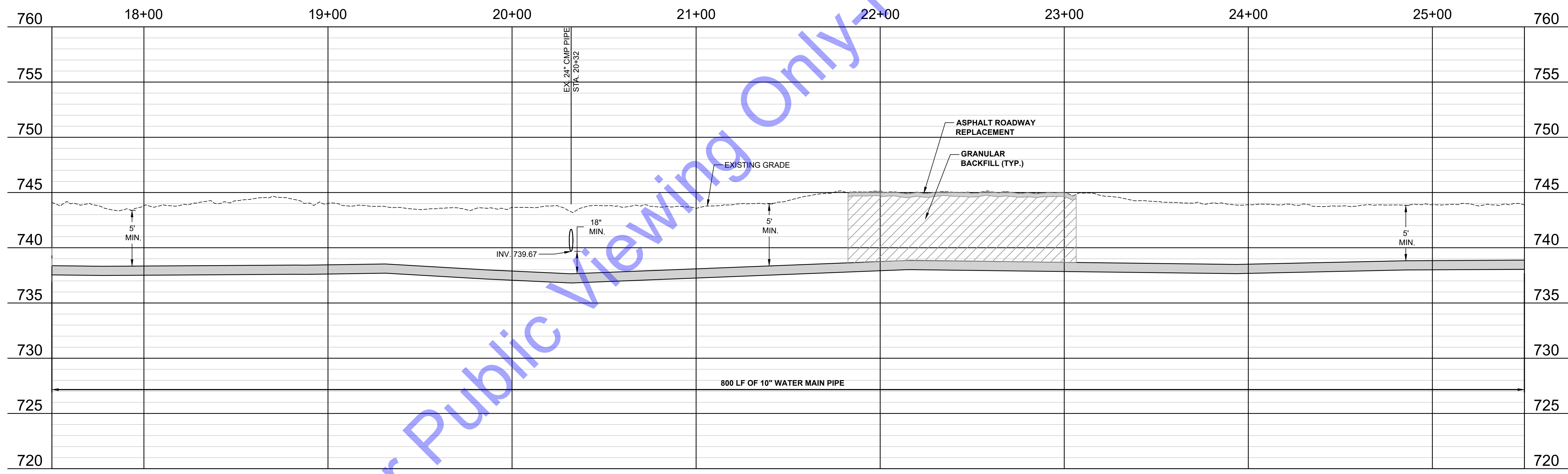
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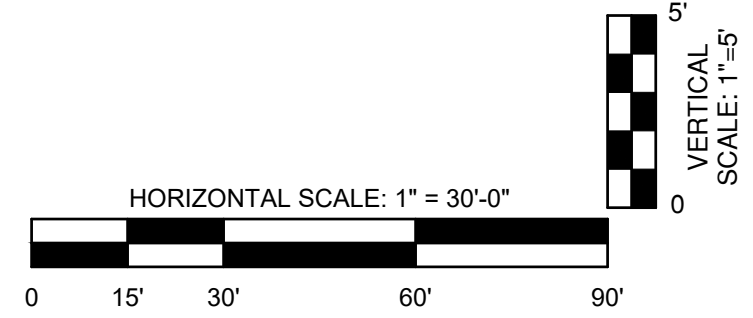
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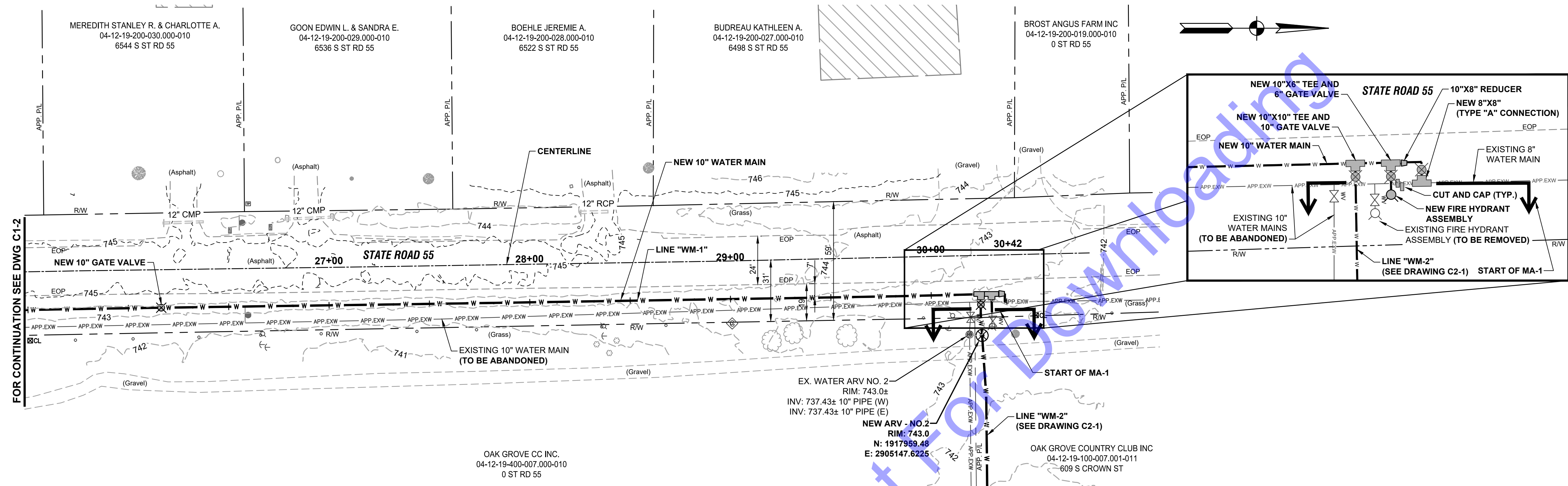
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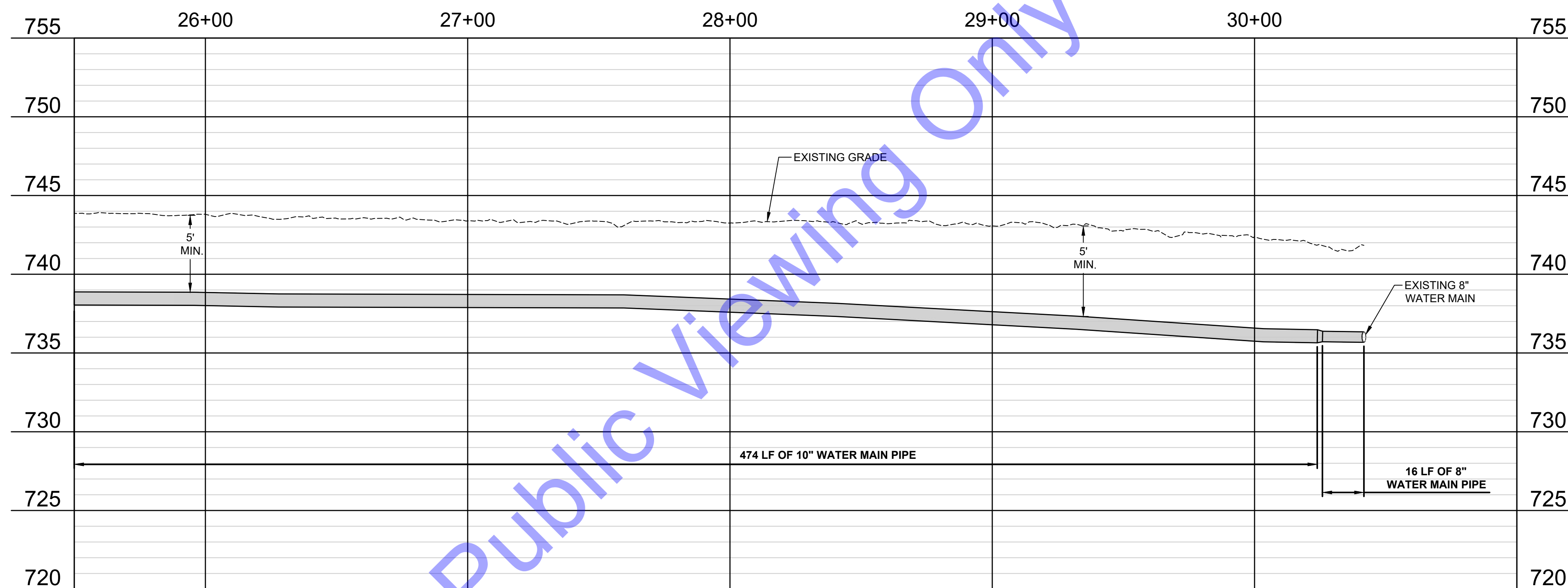
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 VIEW - LINE "WM-1"**

Drawing No:
C1-2
 Sheet: 22 OF 46



PLAN VIEW



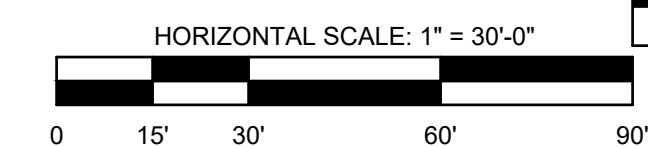
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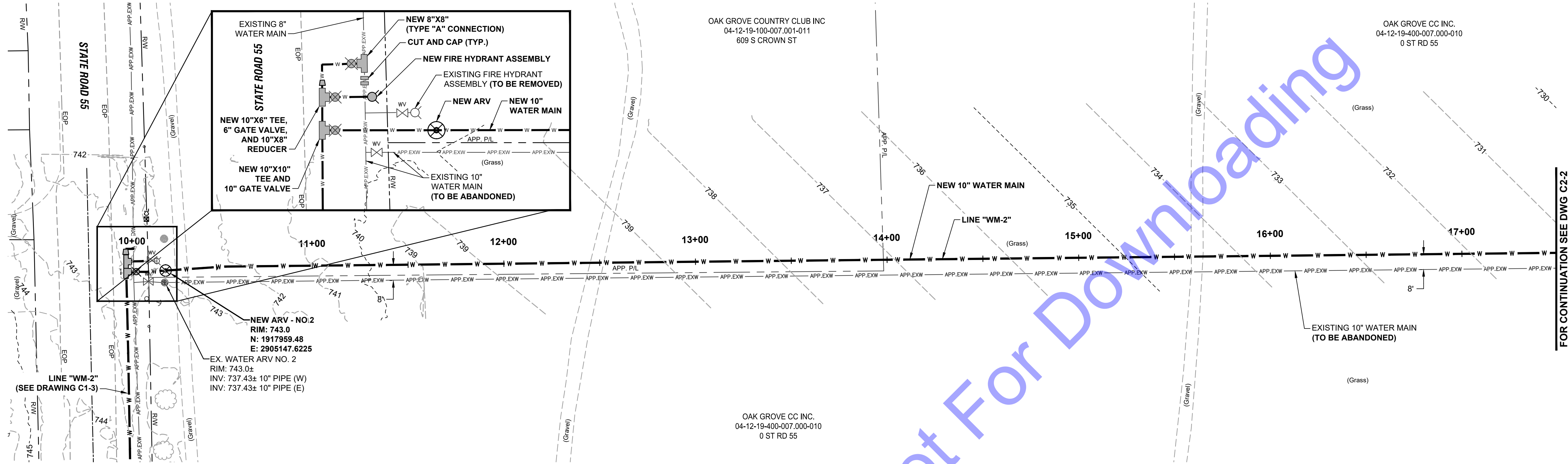
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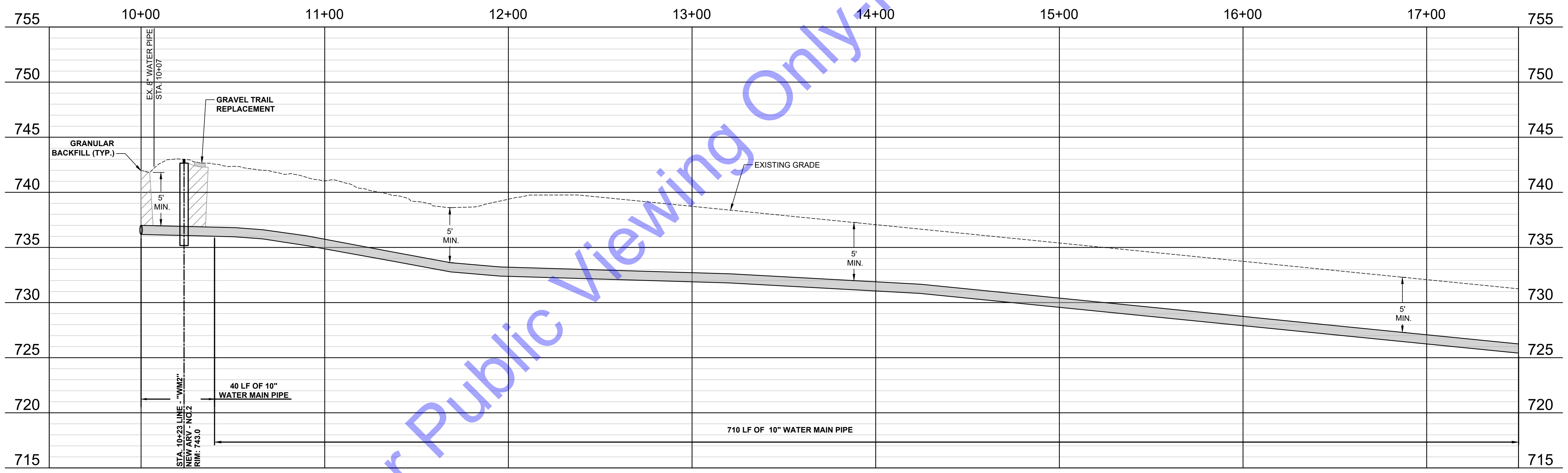
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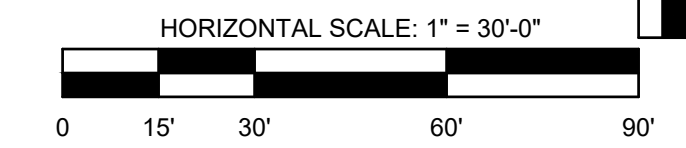
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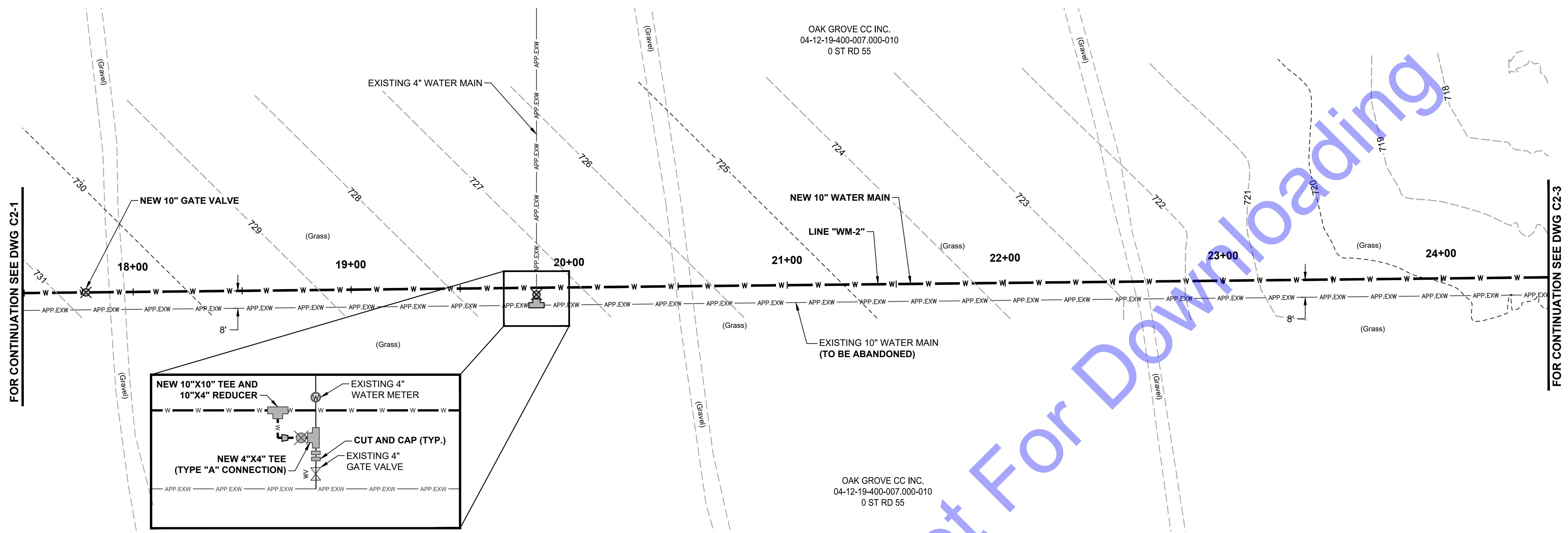
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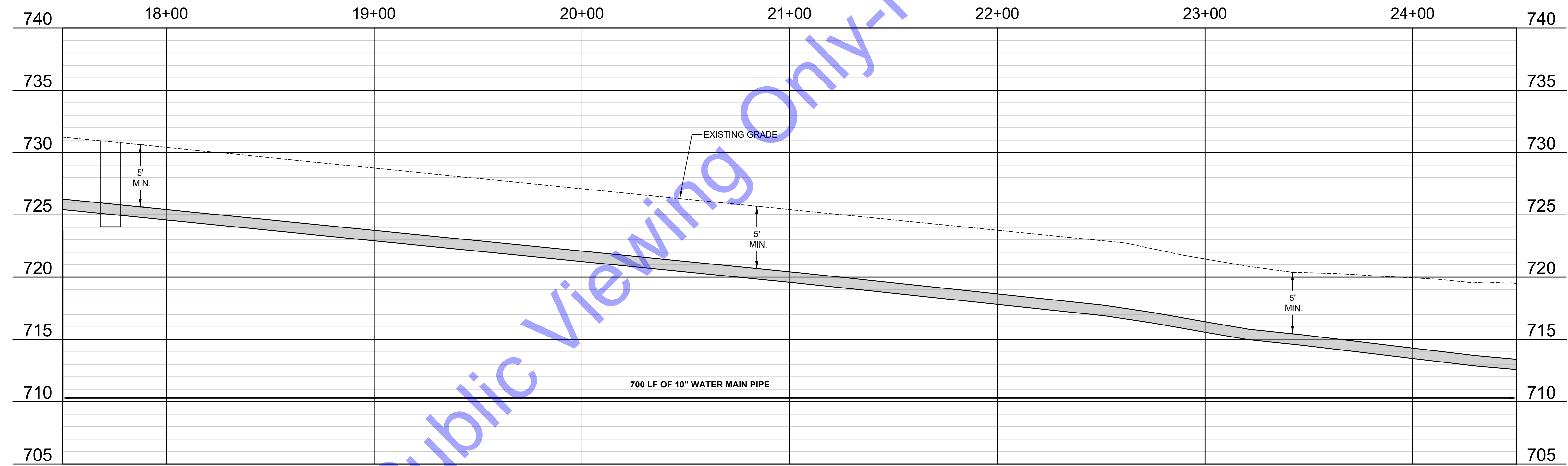
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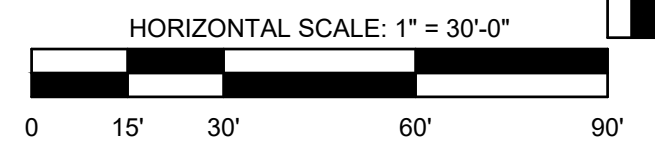
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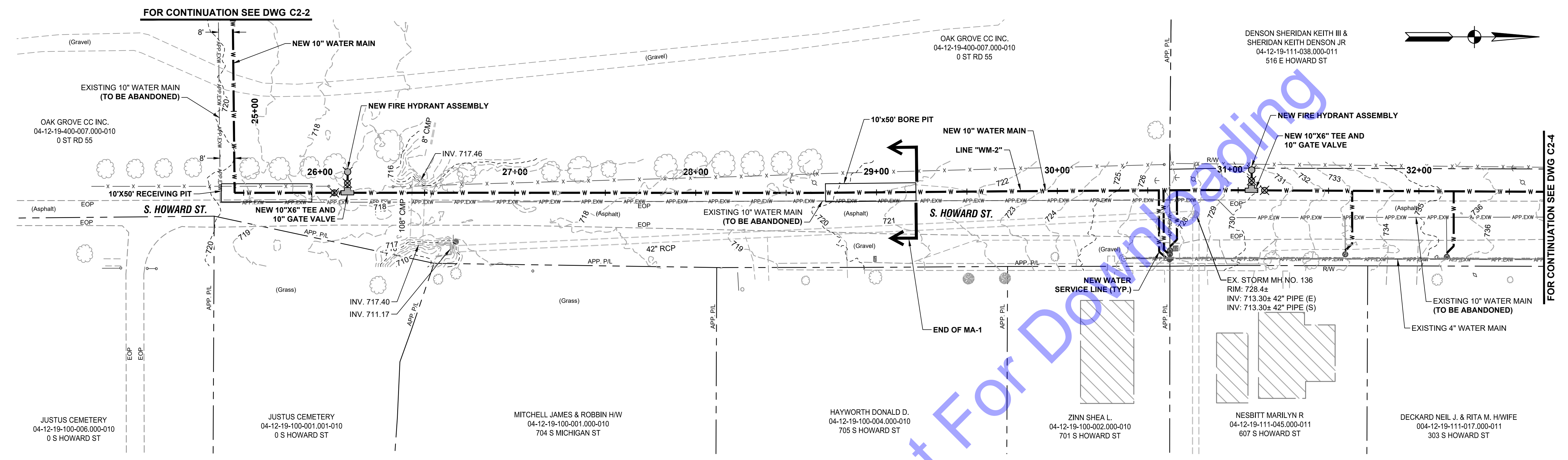
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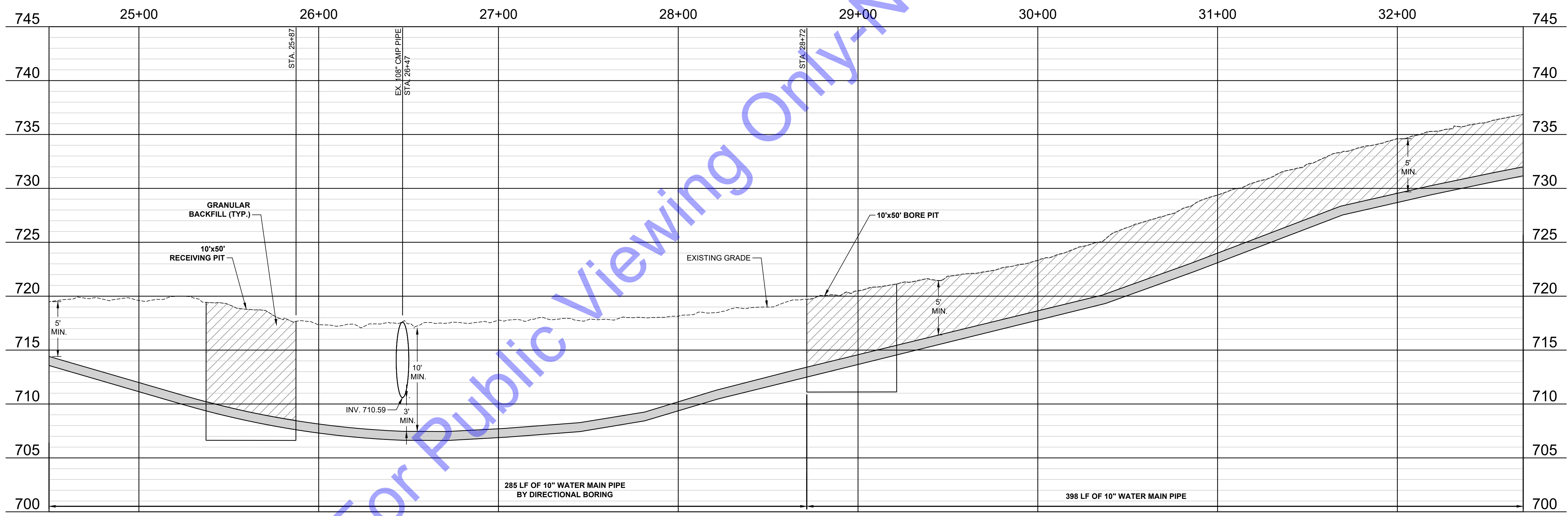
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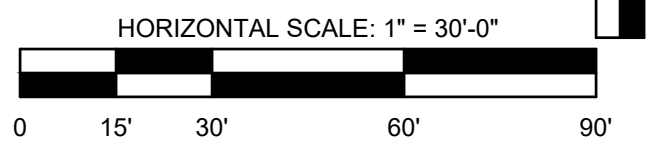
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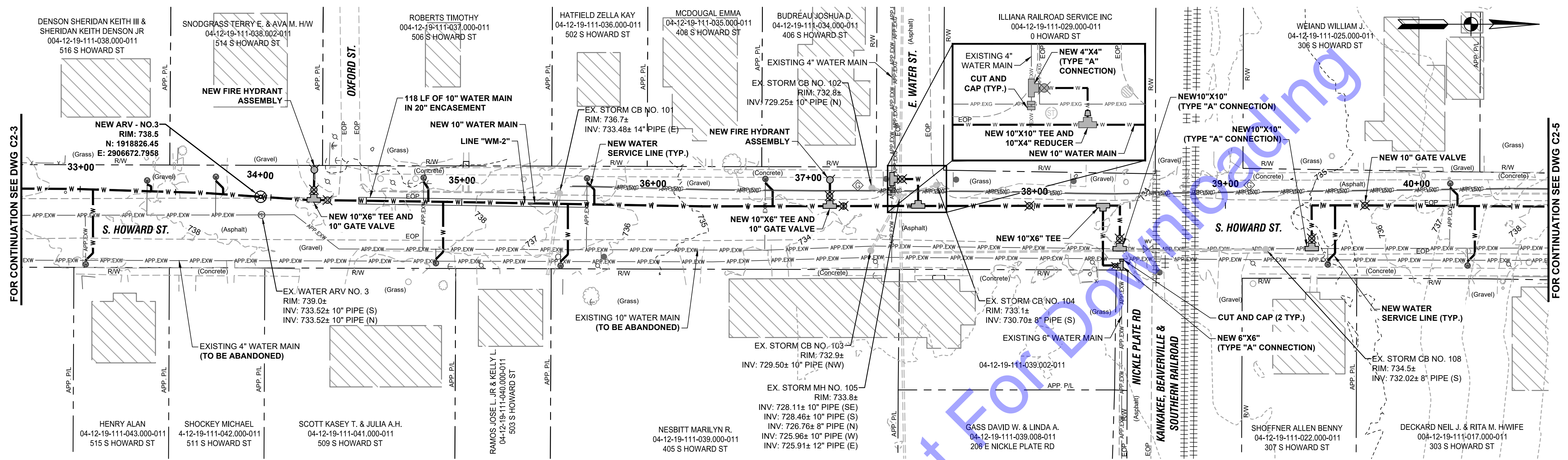
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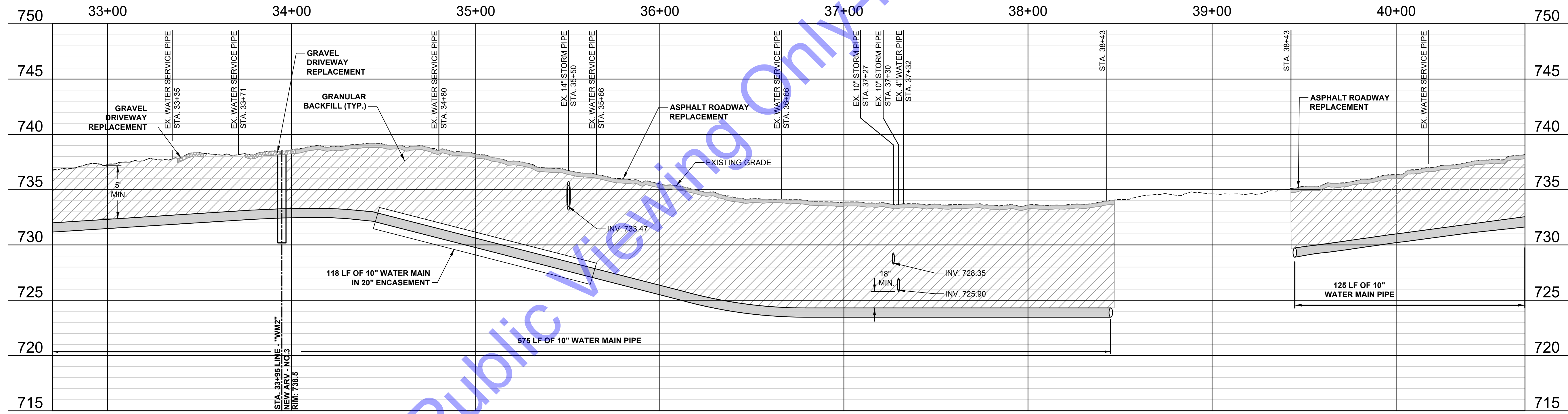
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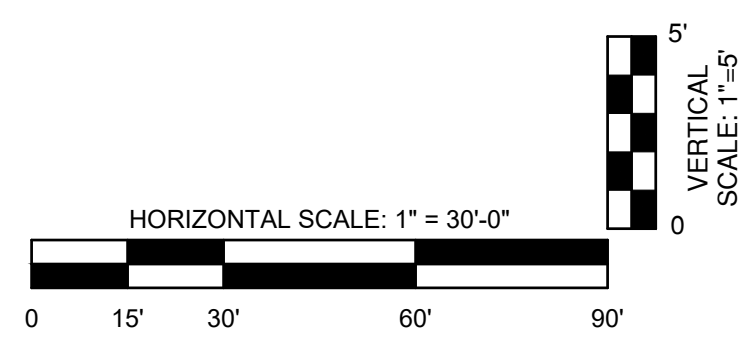
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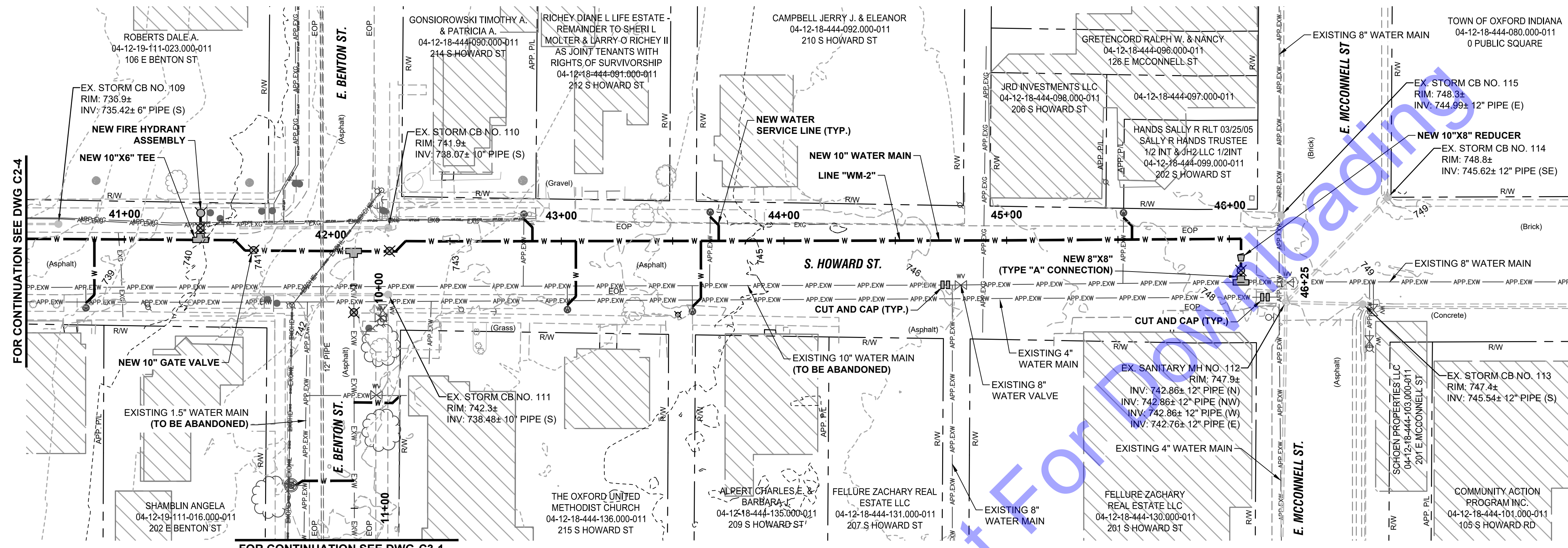
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Designed By: RMB	Drawn By: JRD	Checked By: CAL
Issue Date: 02-17-2025	Project No: W21101	Scale: AS SHOWN

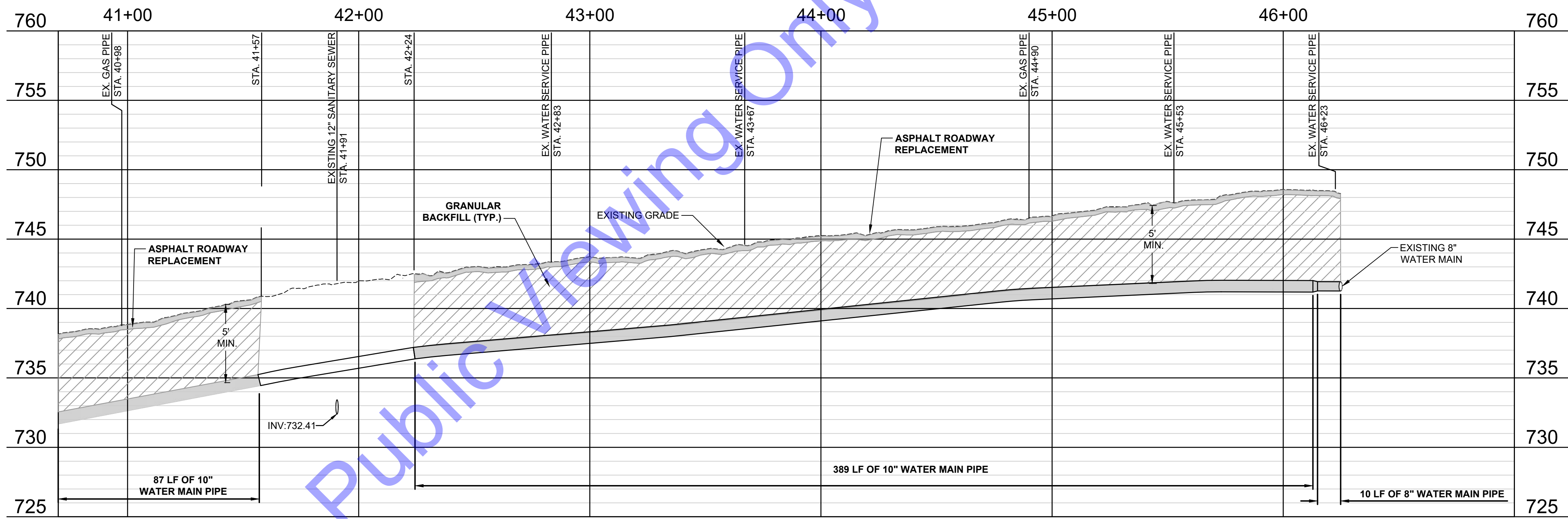
PLAN AND PROFILE VIEW - LINE "WM-2"

Drawing No:
C2-4

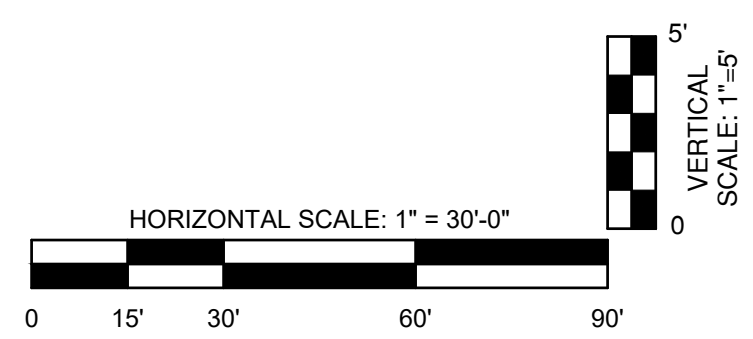
Sheet: 27 OF 46



PLAN VIEW



PROFILE VIEW



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 STATE OF INDIANA
 Signature: [Signature] Date: 9-6-24

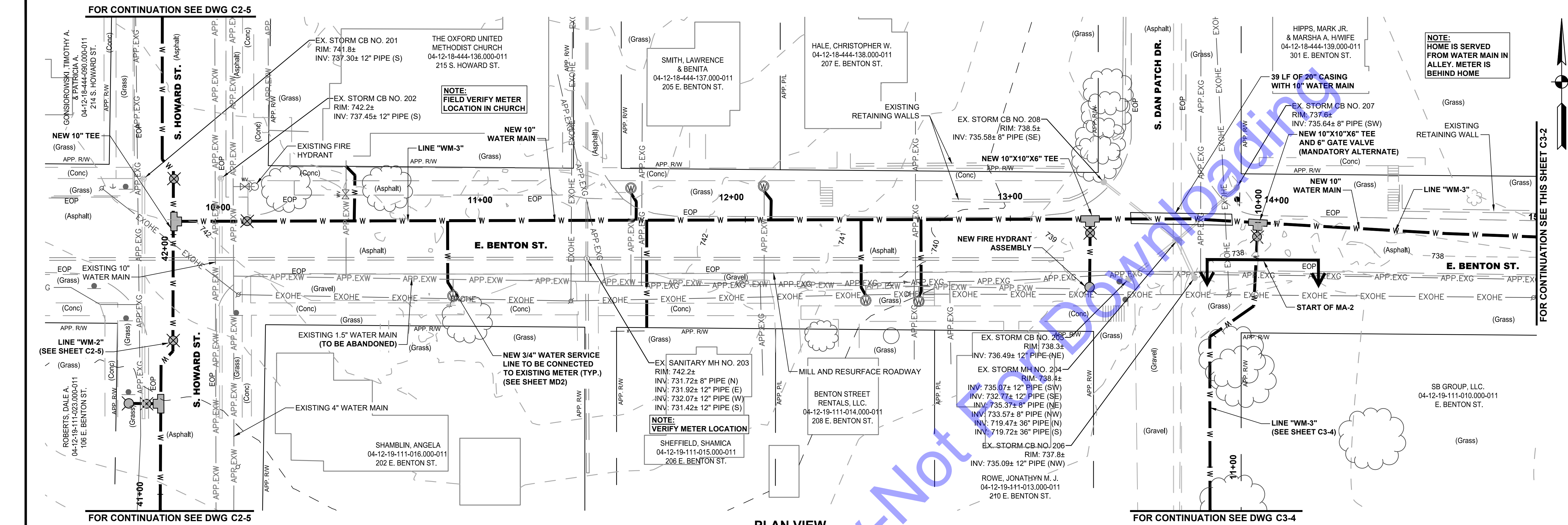
TOWN OF OXFORD
 BENTON COUNTY, INDIANA
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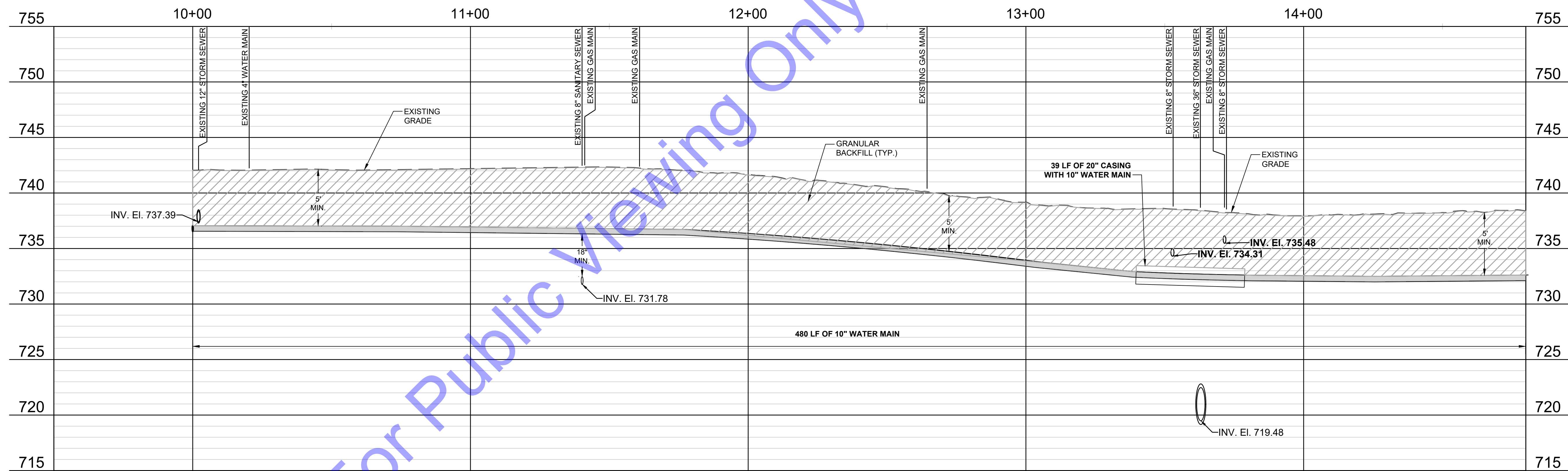
No.	Submittal / Revision	Date	By

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PLAN AND PROFILE VIEW - LINE "WM-2"
 Drawing No: **C2-5**
 Sheet: 28 OF 46



PLAN VIEW



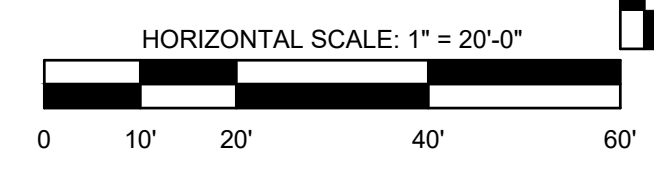
PROFILE VIEW

MA GENERAL NOTES:

- FOR MA-1
"WORK DETAILED ON THIS DRAWING IS PART OF MANDATORY ALTERNATIVE NO. 1 IN ACCORDANCE WITH DS-12 AND AS NOTED ON THIS DRAWING."
- FOR MA-2
"WORK DETAILED ON THIS DRAWING IS PART OF MANDATORY ALTERNATIVE NO. 2 IN ACCORDANCE WITH DS-12 AND AS NOTED ON THIS DRAWING."

GENERAL NOTES:

- CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION OF PLUG JUST SOUTH OF NEW 6" GATE VALVE IF MA-3 IS NOT SELECTED.



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FOR CONTINUATION SEE THIS SHEET C3-2

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 No. 10000127
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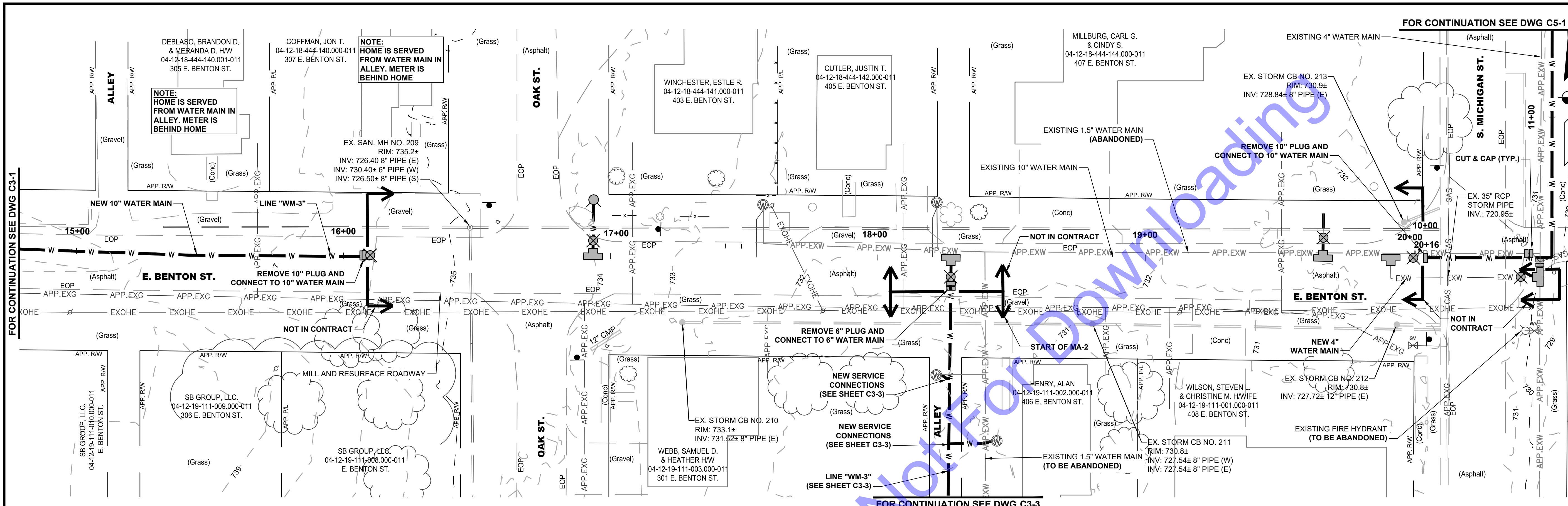
No.	Submittal / Revision	Date	By

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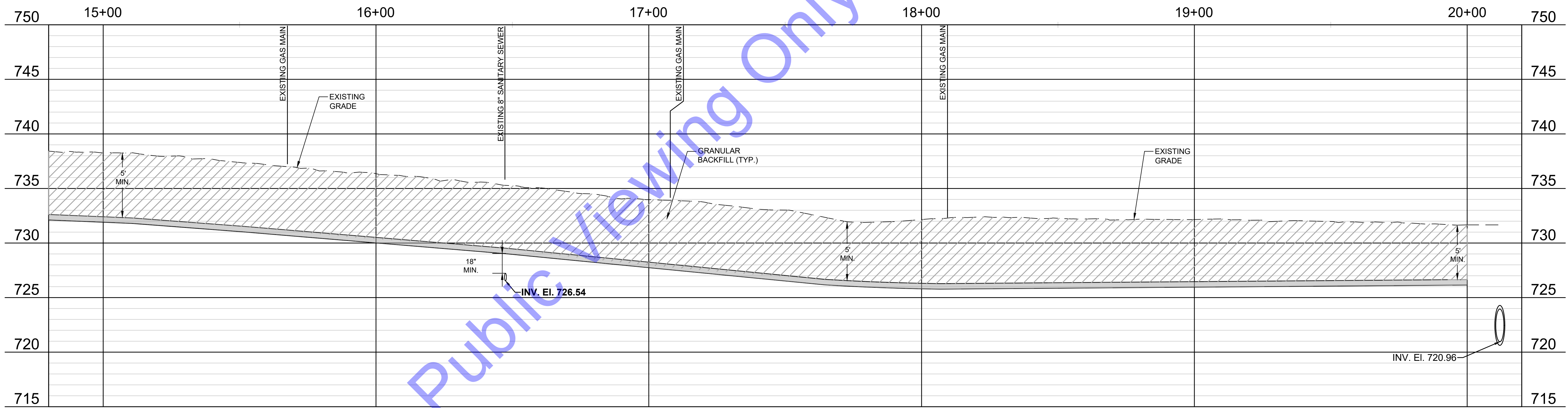
PLAN AND PROFILE VIEW - LINE "WM-3"

Drawing No: **C3-1**
Sheet: 29 OF 46

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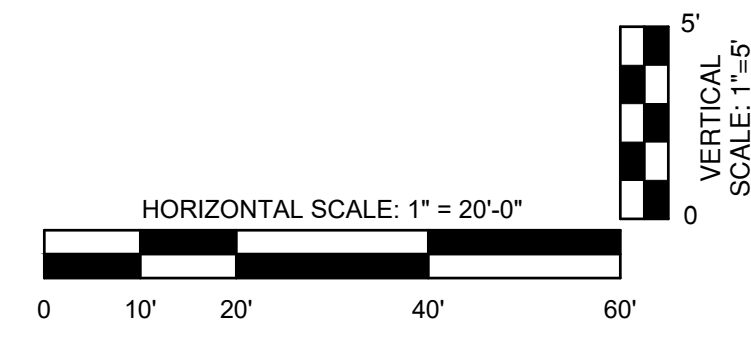
PLAN VIEW



PROFILE VIEW

MA GENERAL NOTES:

- FOR MA-1
"WORK DETAILED ON THIS DRAWING IS PART OF MANDATORY ALTERNATIVE NO. 1 IN ACCORDANCE WITH DS-12 AND AS NOTED ON THIS DRAWING."
- FOR MA-2
"WORK DETAILED ON THIS DRAWING IS PART OF MANDATORY ALTERNATIVE NO. 2 IN ACCORDANCE WITH DS-12 AND AS NOTED ON THIS DRAWING."



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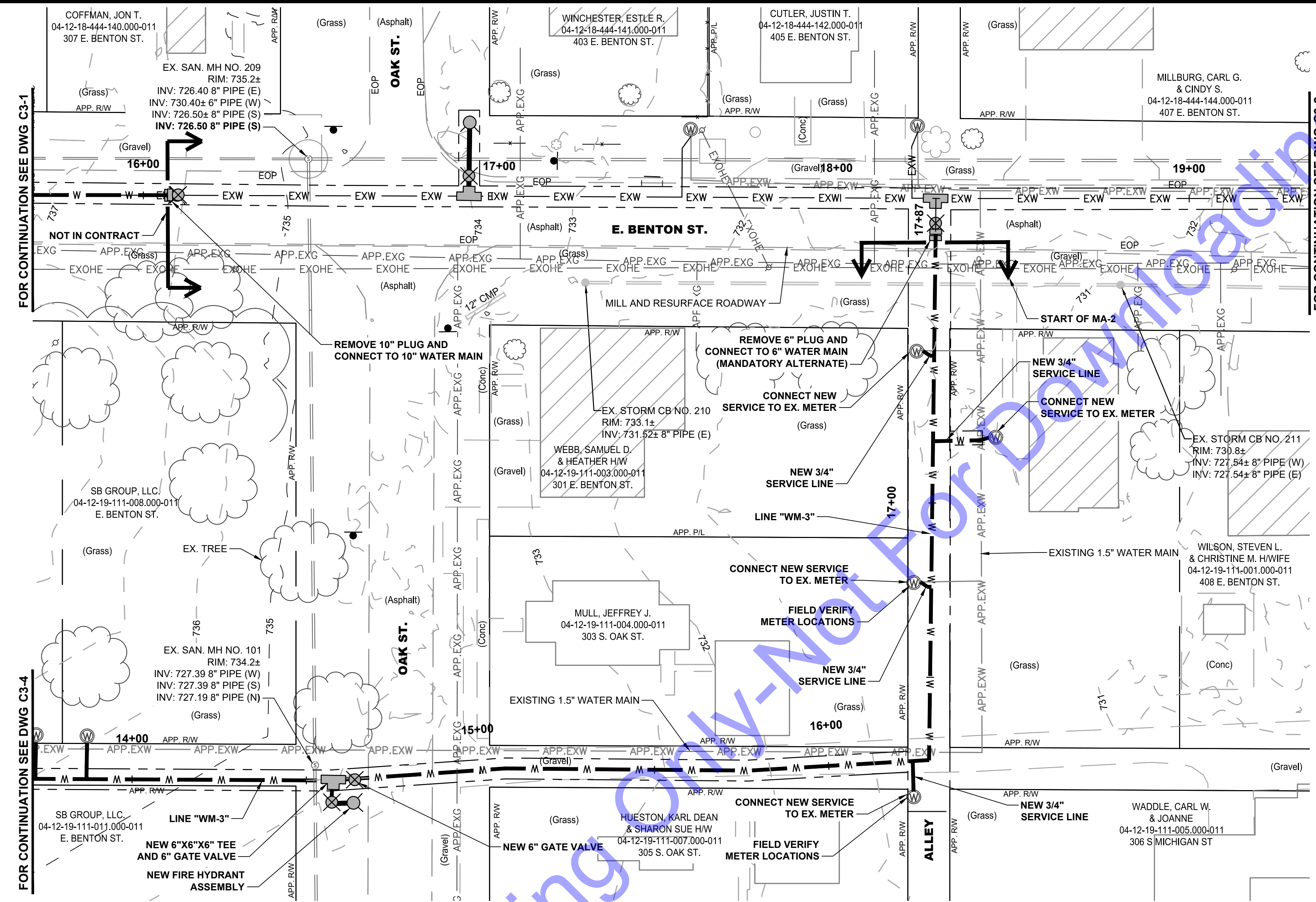
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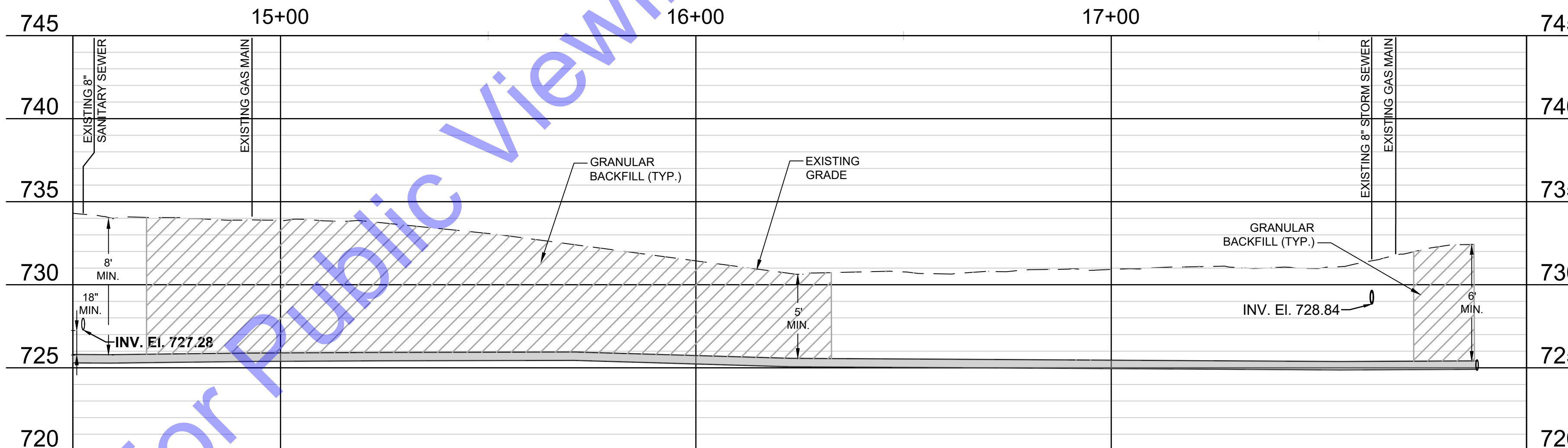
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PLAN AND PROFILE VIEW - LINE "WM-3"
 Drawing No: **C3-2**
 Sheet: 30 OF 46

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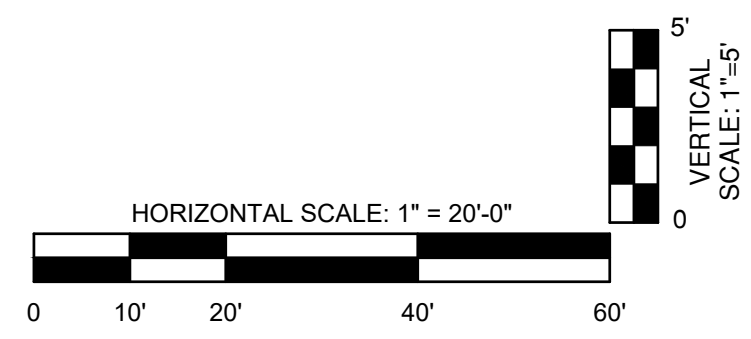


PLAN VIEW



PROFILE VIEW

- MA GENERAL NOTES:**
- FOR MA-1
"WORK DETAILED ON THIS DRAWING IS PART OF MANDATORY ALTERNATIVE NO. 1 IN ACCORDANCE WITH DS-12 AND AS NOTED ON THIS DRAWING."
 - FOR MA-2
"WORK DETAILED ON THIS DRAWING IS PART OF MANDATORY ALTERNATIVE NO. 2 IN ACCORDANCE WITH DS-12 AND AS NOTED ON THIS DRAWING."



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 No. 10000127
 STATE OF INDIANA

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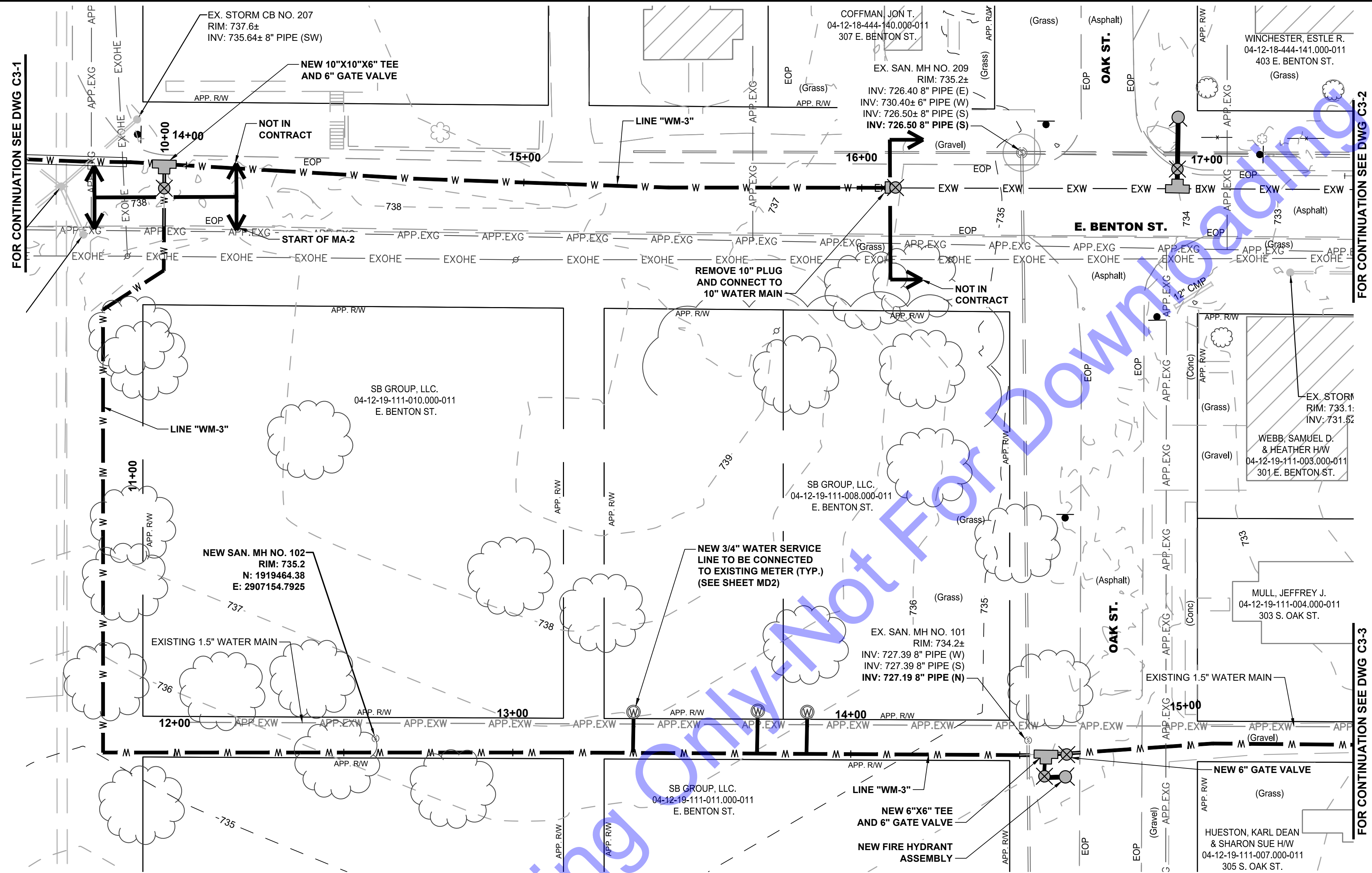
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PLAN AND PROFILE
 VIEW - LINE "WM-3"

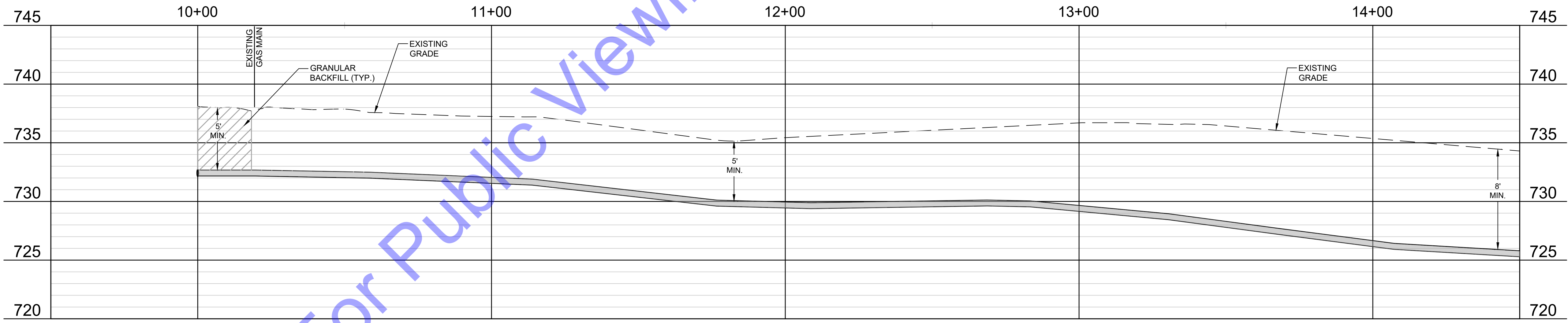
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Sheet: 31 OF 46

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PLAN VIEW



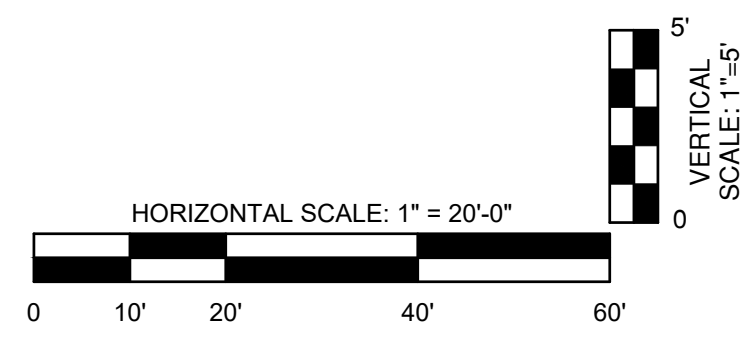
PROFILE VIEW

MA GENERAL NOTES:

- 1. FOR MA-1 "WORK DETAILED ON THIS DRAWING IS PART OF MANDATORY ALTERNATIVE NO. 1 IN ACCORDANCE WITH DS-12 AND AS NOTED ON THIS DRAWING."
- 2. FOR MA-2 "WORK DETAILED ON THIS DRAWING IS PART OF MANDATORY ALTERNATIVE NO. 2 IN ACCORDANCE WITH DS-12 AND AS NOTED ON THIS DRAWING."

GENERAL NOTES:

- 1. CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION OF PLUG JUST SOUTH OF NEW 6" GATE VALVE IF MA-3 IS NOT SELECTED.



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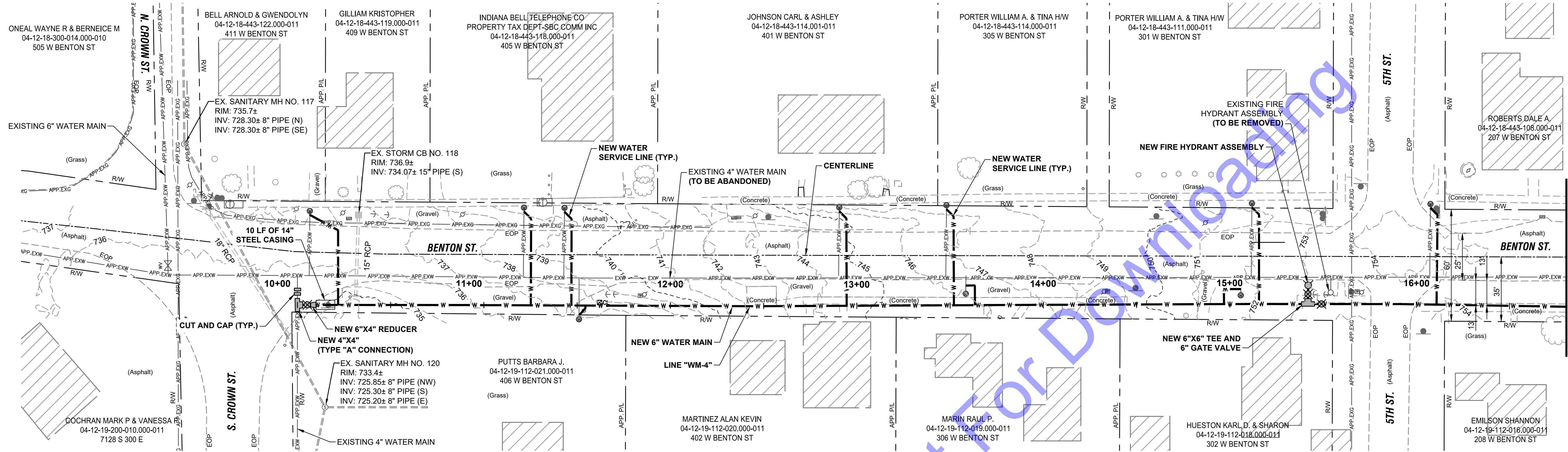
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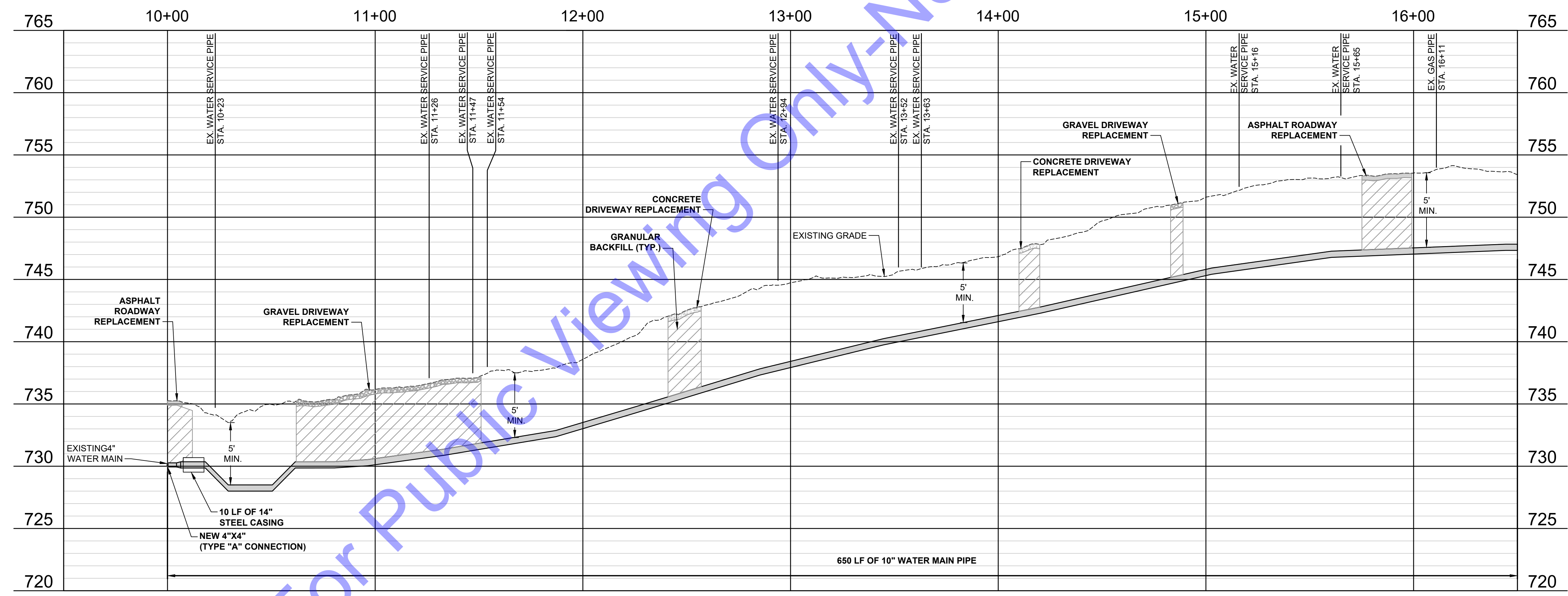
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Issue Date: 02-17-2025	Project No: W21101	Scale: AS SHOWN

PLAN AND PROFILE VIEW - LINE "WM-3"



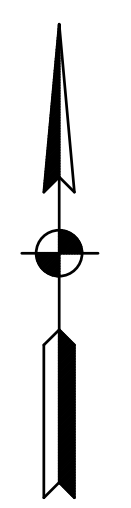
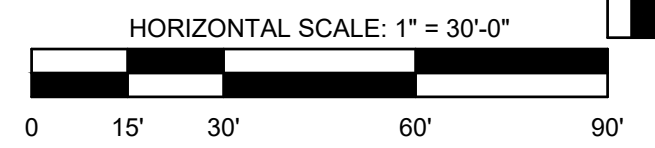
PLAN VIEW



PROFILE VIEW

GENERAL NOTES:

- METER PITS ON THE SOUTH SIDE OF BENTON STREET SHALL BE RELOCATED TO NORTH EDGE OF R/W OF EACH PROPERTY JUST SOUTH OF THE NEW WATER MAIN LOCATION.



FOR CONTINUATION SEE DWG C4-2

File: Z:\SHARED\IN CLIENTS\N.ZORCOCORDO\051011 WATER UTILITY IMPROVEMENTS\CADD\CURRENT FILES\DRAWINGS\DIVISION B - SYSTEM\BGP-PLAN AND PROFILE DRAWINGS.DWG
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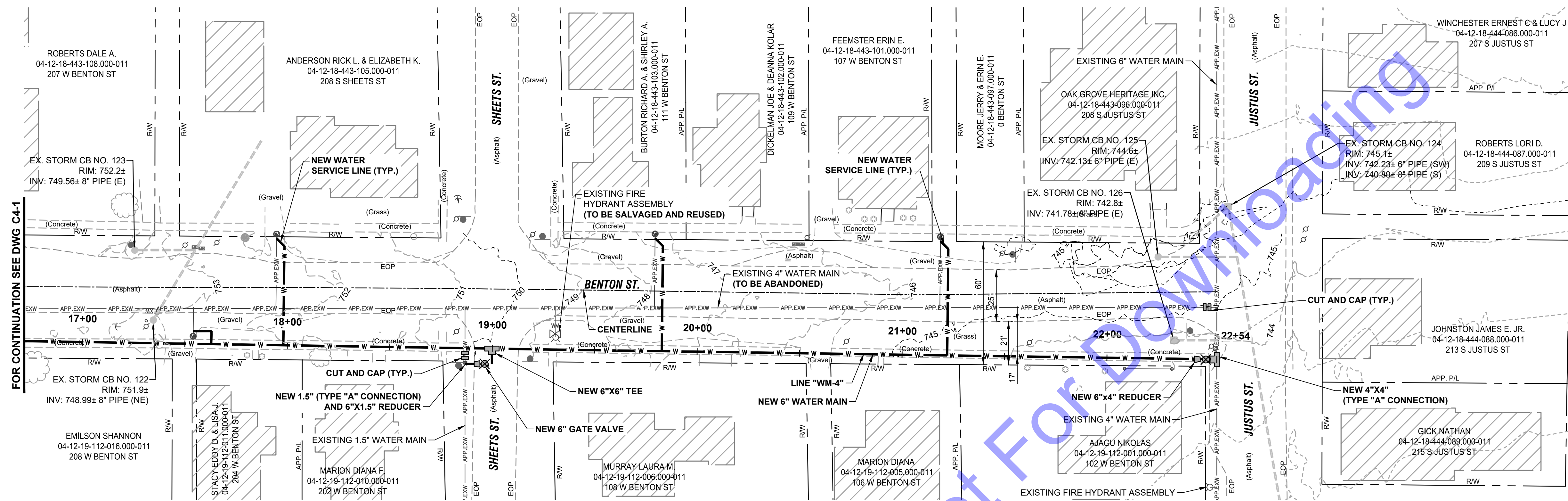
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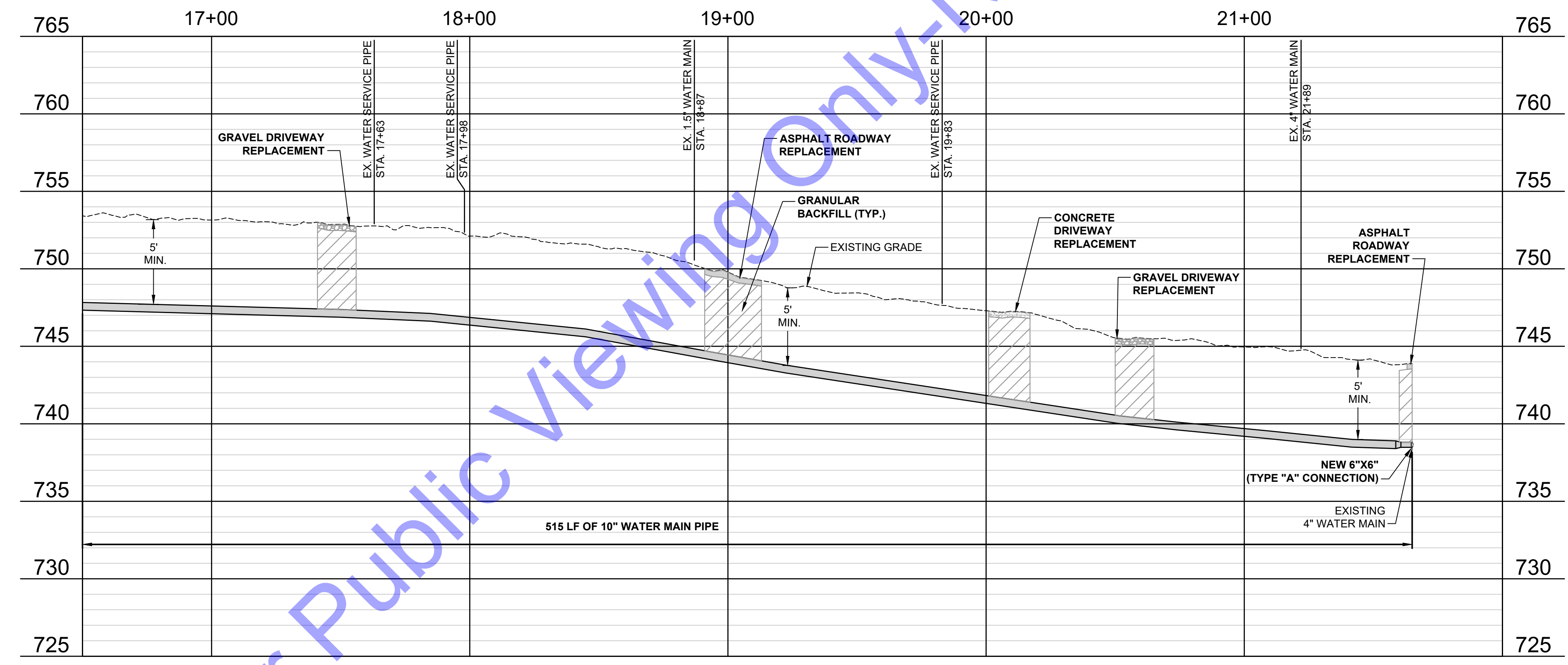
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Issue Date: 02-17-2025	Project No: W21101	Scale: AS SHOWN

PLAN AND PROFILE VIEW - LINE "WM-4"
 Drawing No: **C4-1**
 Sheet: 33 OF 46

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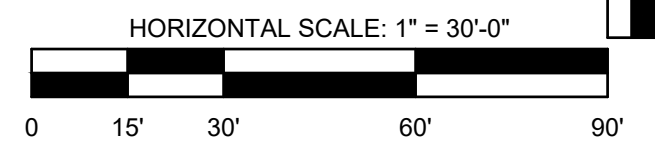
PLAN VIEW



PROFILE VIEW

GENERAL NOTES:

- METER PITS ON THE SOUTH SIDE OF BENTON STREET SHALL BE RELOCATED TO NORTH EDGE OF R/W OF EACH PROPERTY JUST SOUTH OF THE NEW WATER MAIN LOCATION.



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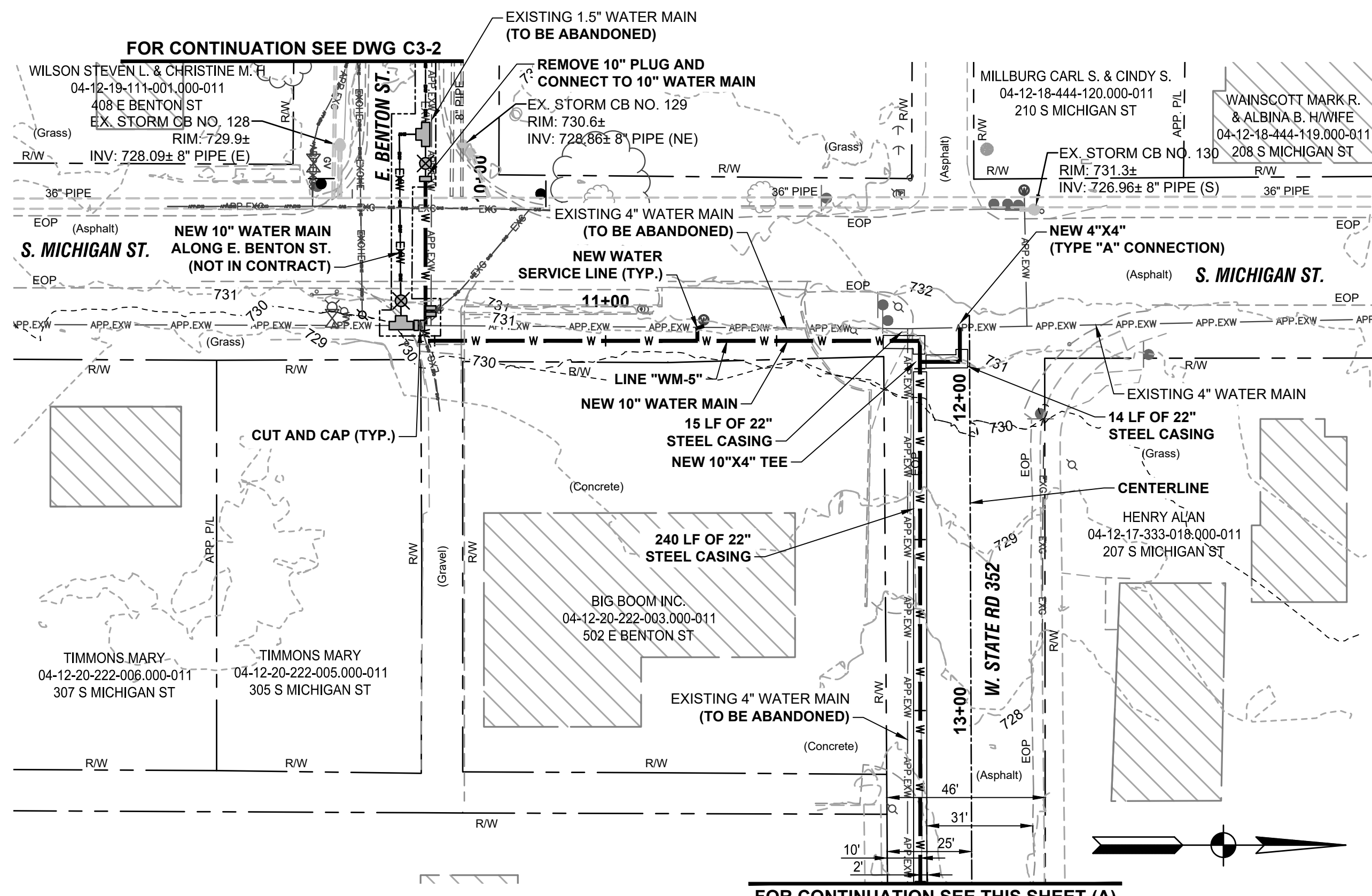
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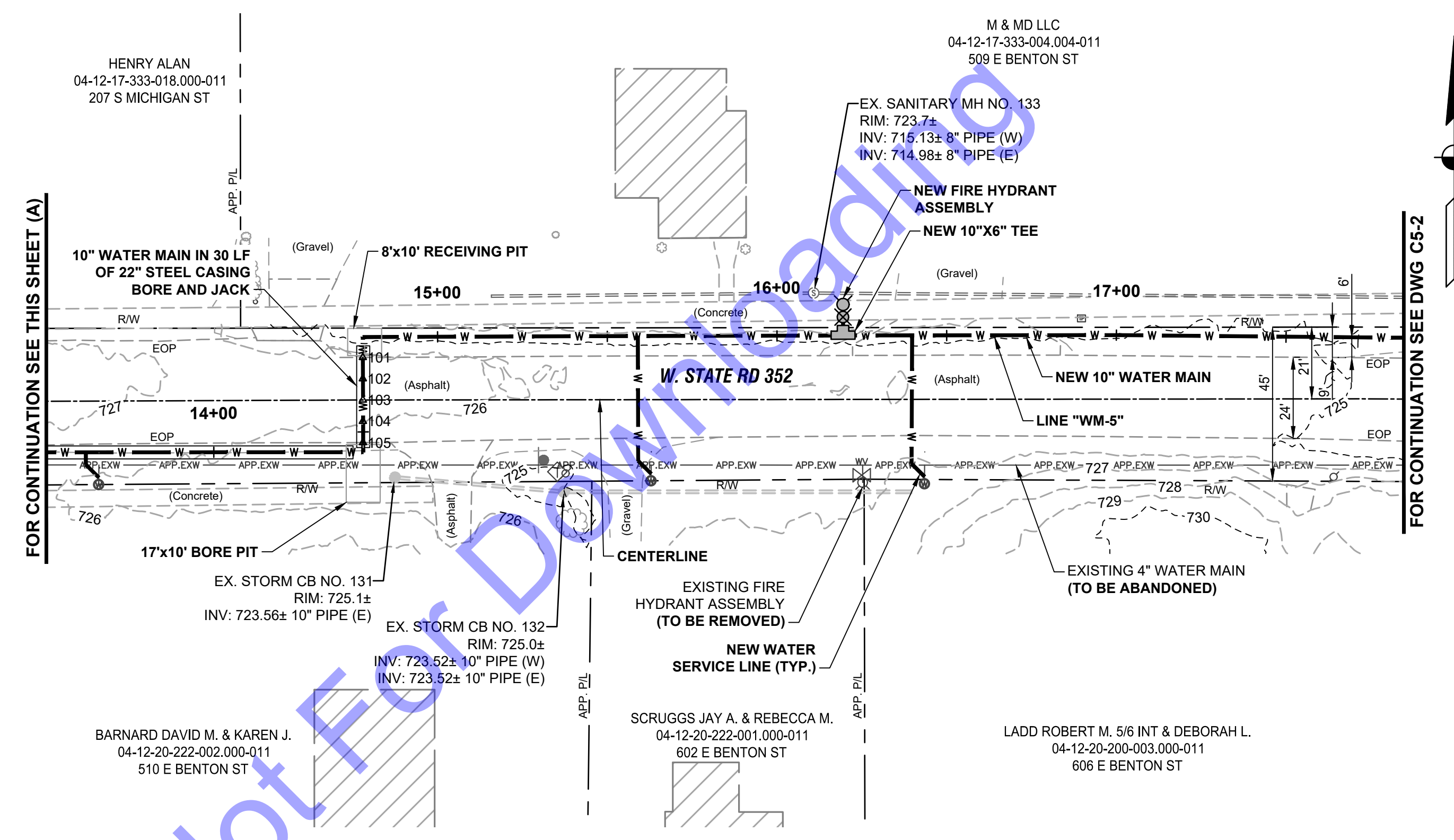
No.	Submittal / Revision	Date	By

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Issue Date: 02-17-2025	Project No: W21101	Scale: AS SHOWN

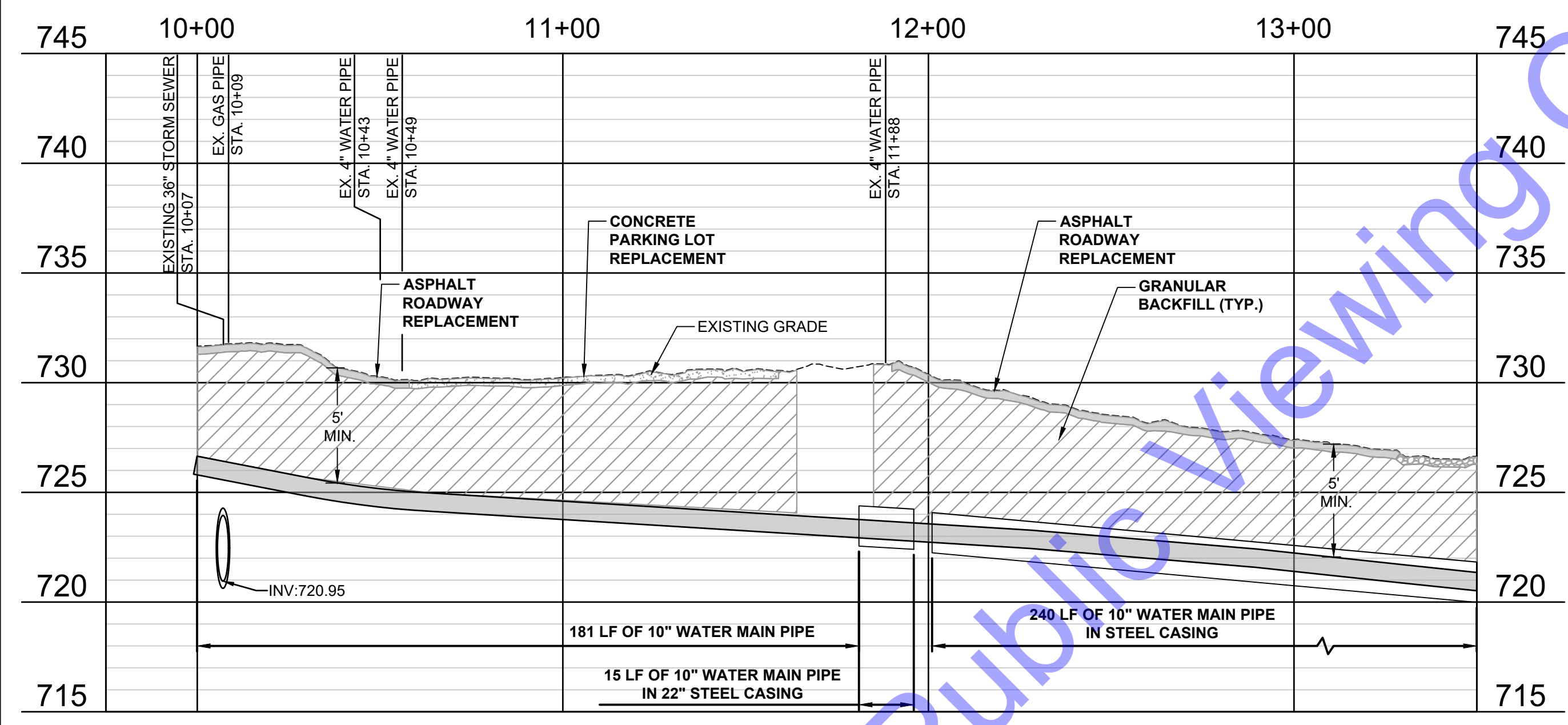
PLAN AND PROFILE
 VIEW - LINE "WM-4"



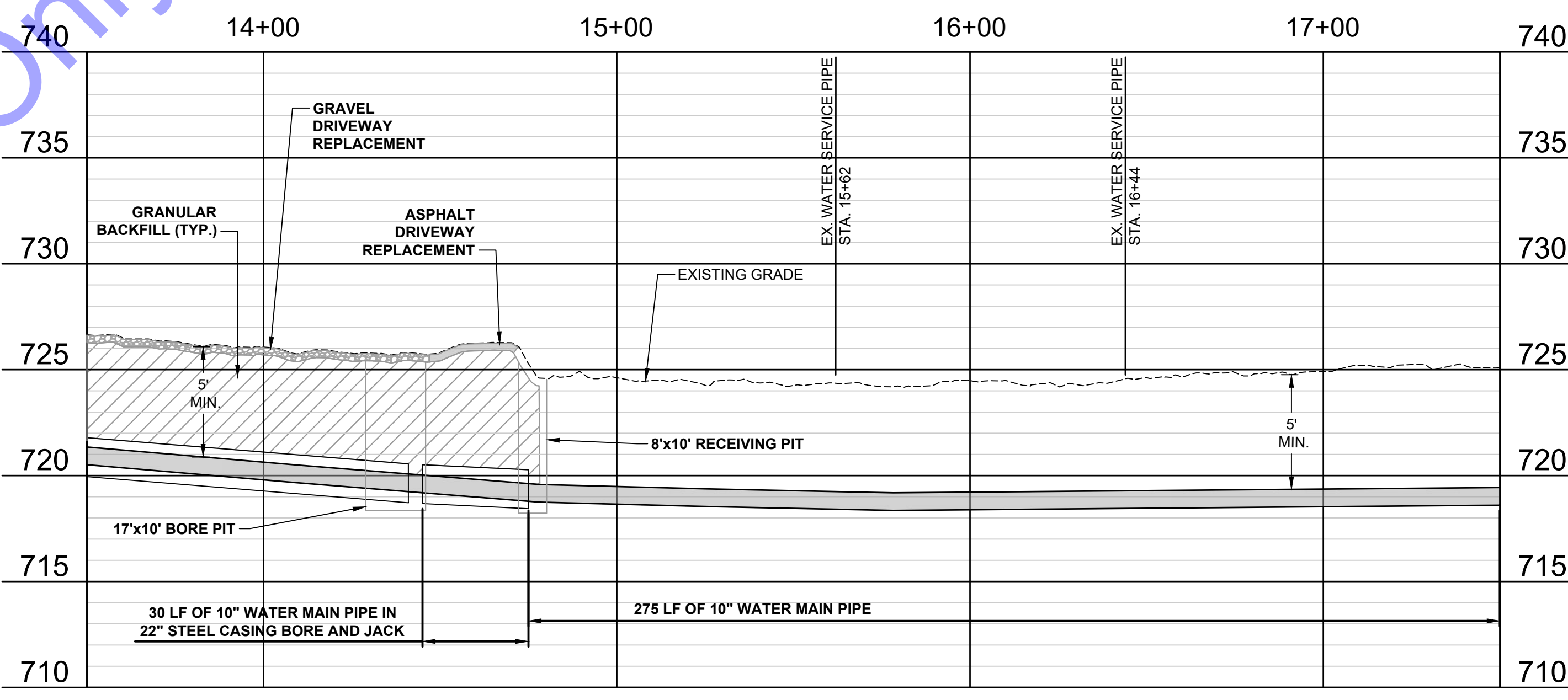
PLAN VIEW



PLAN VIEW



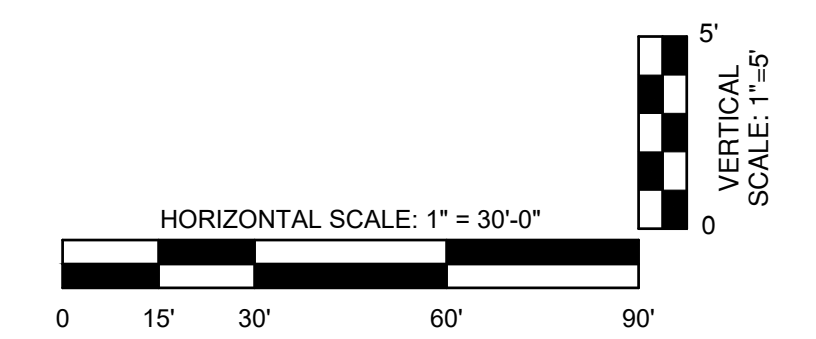
PROFILE VIEW



PROFILE VIEW

GENERAL NOTES:

- CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING STARTING AND FINAL ROAD ELEVATIONS OF SETTLEMENT MONITORING POINTS 101 - 105 PRIOR TO AND AFTER CONSTRUCTION OF WATER MAIN CROSSING IN ACCORDANCE WITH INDOT PERMIT. FINAL ELEVATIONS SHALL ONLY BE TAKEN AT LEAST 6 MONTHS AFTER INSTALLATION.
- SETTLEMENT MONITORING POINTS SHALL BE MARKED WITH MAGNETIC NAILS AND SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION.



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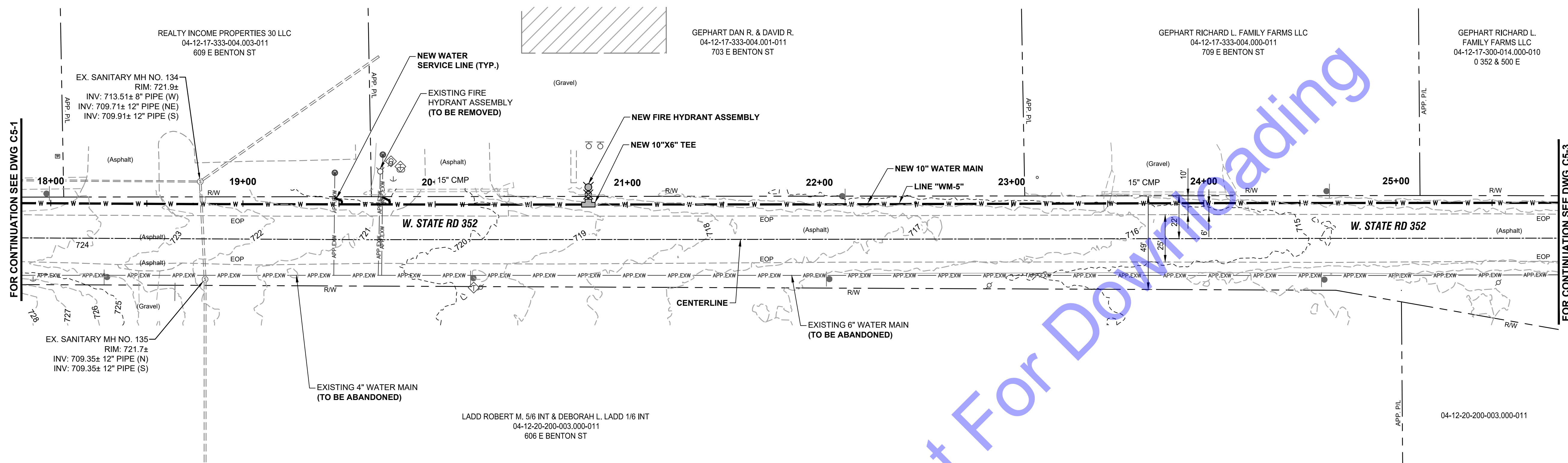
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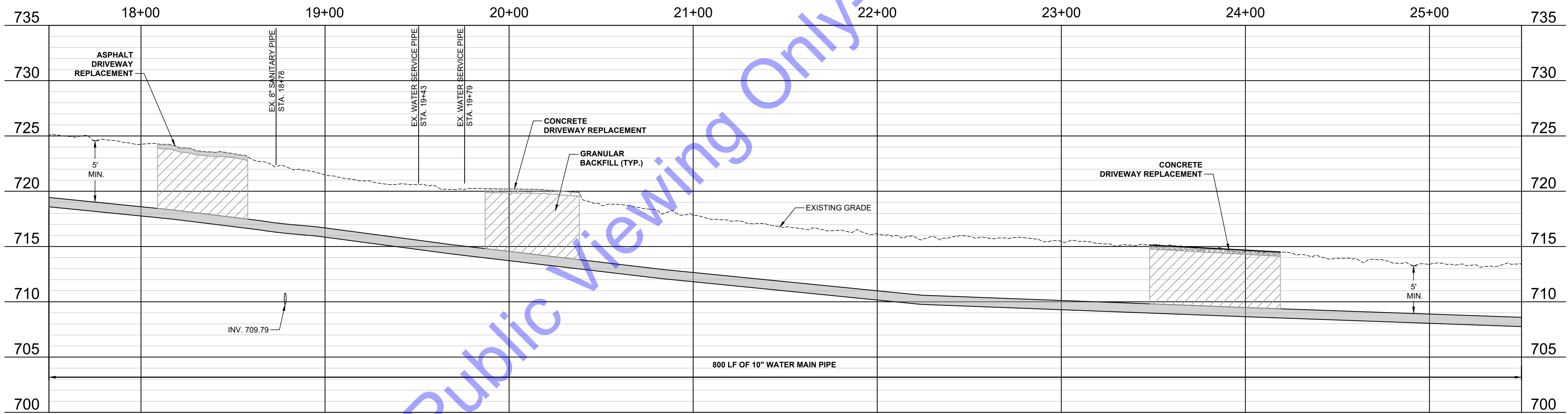
No.	Submittal / Revision	Date	By

Designed By:	Drawn By:	Checked By:
RMB	JRD	CAL
Issue Date:	Project No:	Scale:
02-17-2025	W21101	AS SHOWN

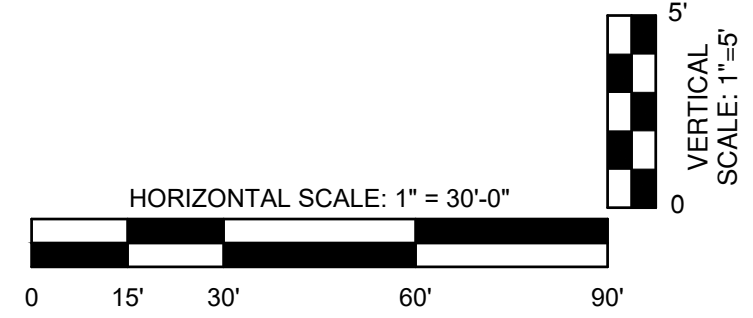
PLAN AND PROFILE VIEW - LINE "WM-5"
 Drawing No: **C5-1**
 Sheet: 35 OF 46



PLAN VIEW



PROFILE VIEW



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 No. 10000127
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 Signature: [Signature] Date: 9-6-24

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 Issue Date: 02-17-2025 Project No: W21101 Scale: AS SHOWN

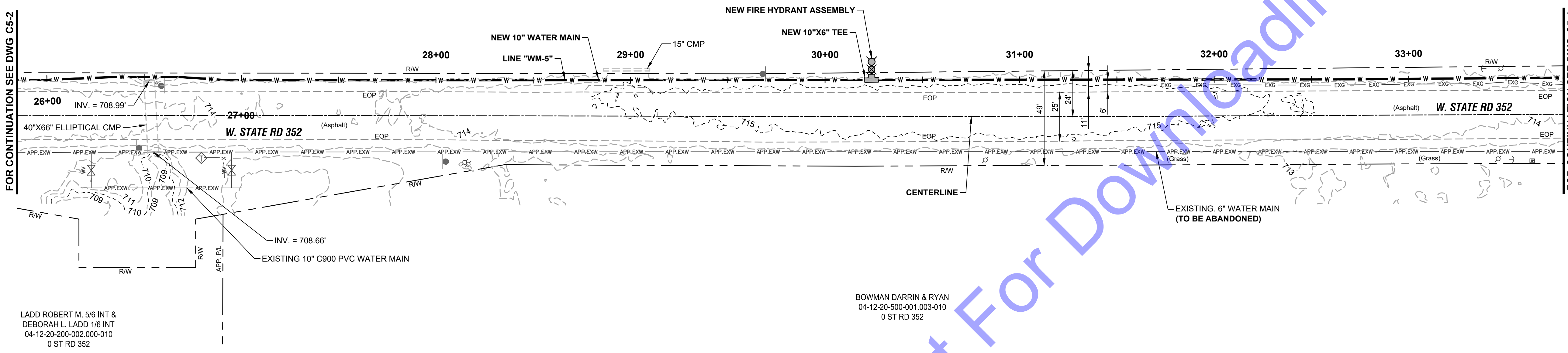
PLAN AND PROFILE VIEW - LINE "WM-5"
 Drawing No: **C5-2**
 Sheet: 36 OF 46

GEPHART RICHARD L. FAMILY FARMS LLC
04-12-17-300-014.000-010
0 352 & 500 E

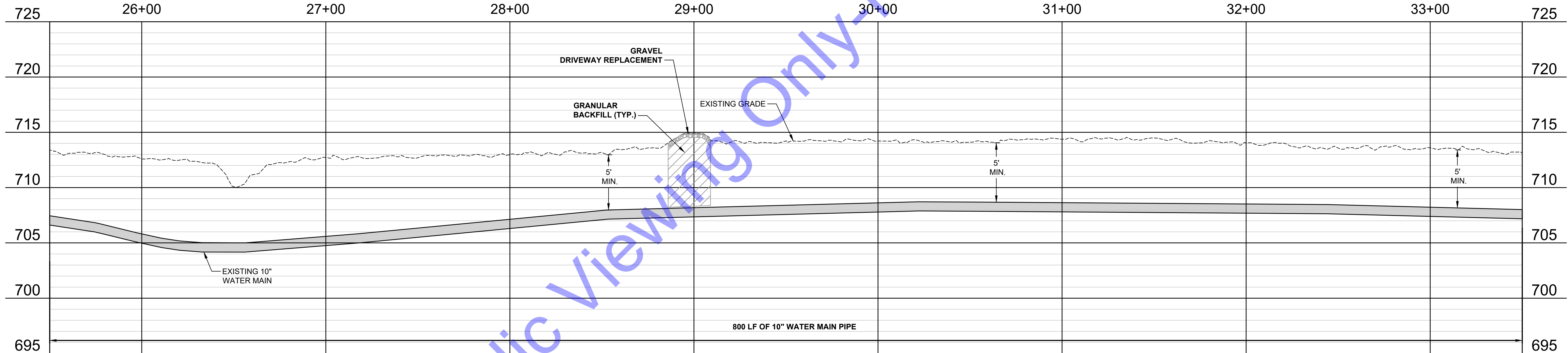
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0 352 & 500 E

FOR CONTINUATION SEE DWG C5-2

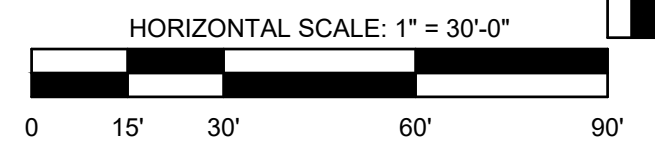
FOR CONTINUATION SEE DWG C5-4



PLAN VIEW



PROFILE VIEW



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ROBERT M. BELLUCCI
REGISTERED PROFESSIONAL ENGINEER
No. 10000127
STATE OF INDIANA
Signature: [Signature] Date: 9-6-24

TOWN OF OXFORD
BENTON COUNTY, INDIANA
WATER UTILITY
IMPROVEMENTS PROJECT
DIVISION "B" - WATER
DISTRIBUTION SYSTEM
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No.	Submittal / Revision	Date	By

Designed By: RMB	Drawn By: JRD	Checked By: CAL
Issue Date: 02-17-2025	Project No: W21101	Scale: AS SHOWN

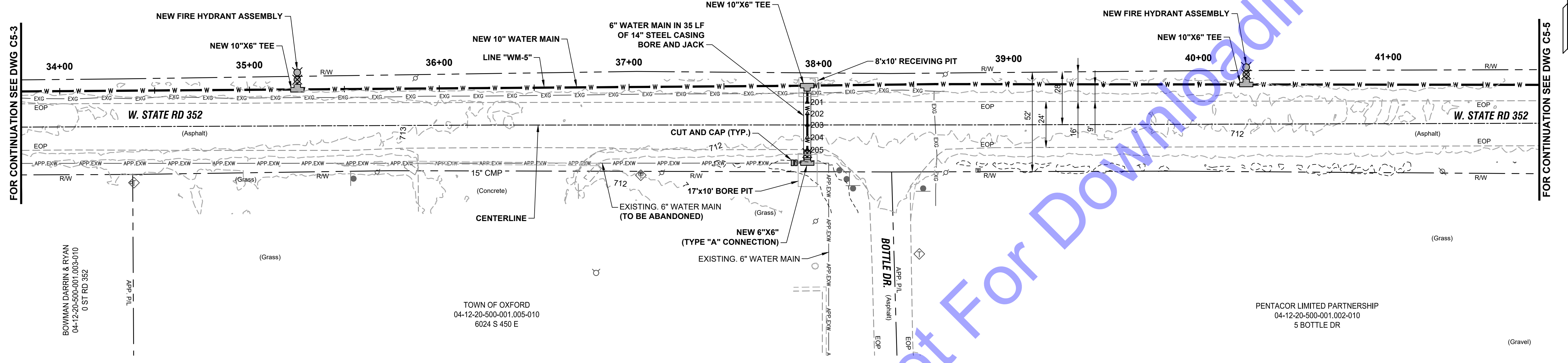
PLAN AND PROFILE
VIEW - LINE "WM-5"

Drawing No:
C5-3
Sheet: 37 OF 46

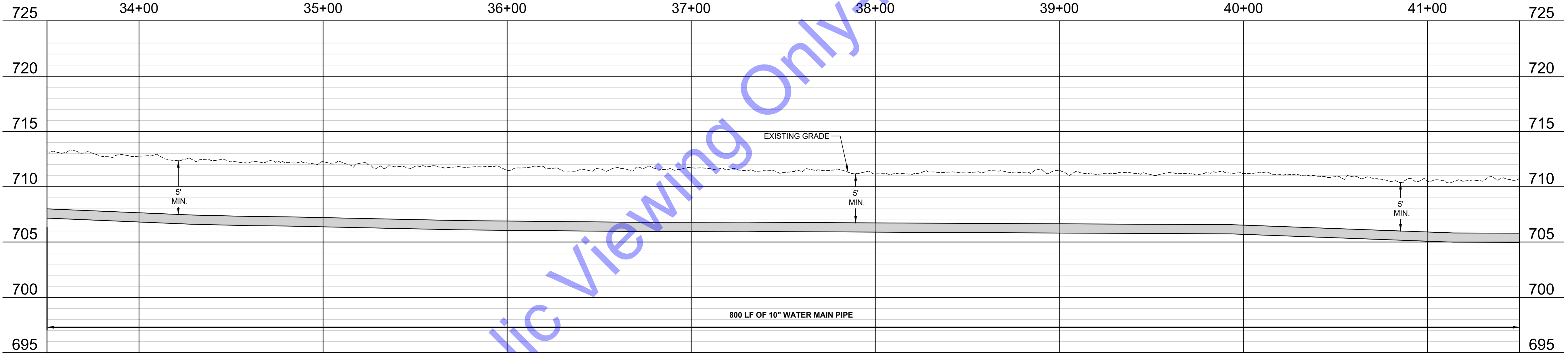
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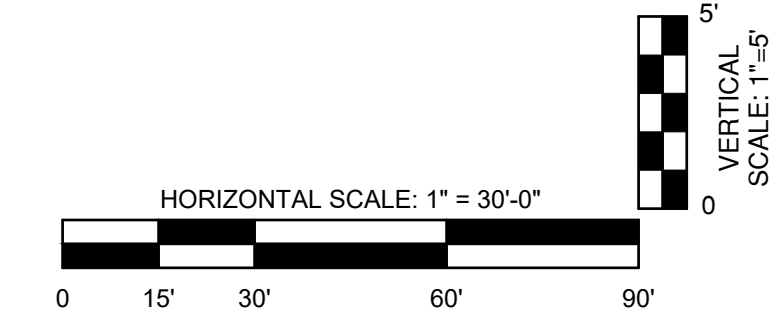
PLAN VIEW



PROFILE VIEW

GENERAL NOTES:

- CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING STARTING AND FINAL ROAD ELEVATIONS OF SETTLEMENT MONITORING POINTS 201 - 205 PRIOR TO AND AFTER CONSTRUCTION OF WATER MAIN CROSSING IN ACCORDANCE WITH INDOT PERMIT. FINAL ELEVATIONS SHALL ONLY BE TAKEN AT LEAST 6 MONTHS AFTER INSTALLATION.
- SETTLEMENT MONITORING POINTS SHALL BE MARKED WITH MAGNETIC NAILS AND SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION.



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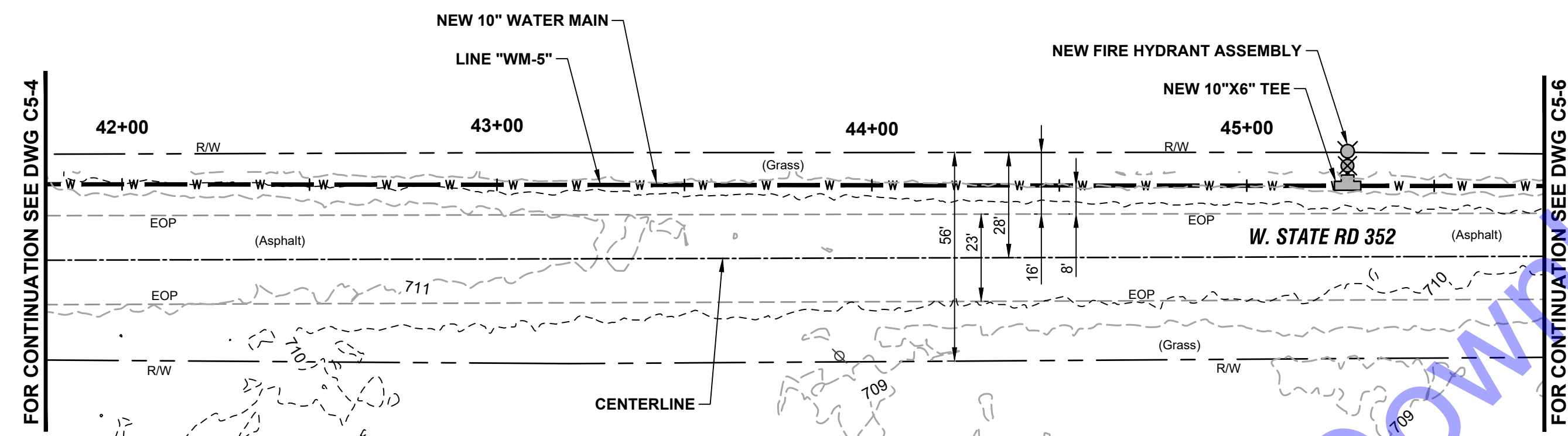
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**PLAN AND PROFILE
VIEW - LINE "WM-5"**

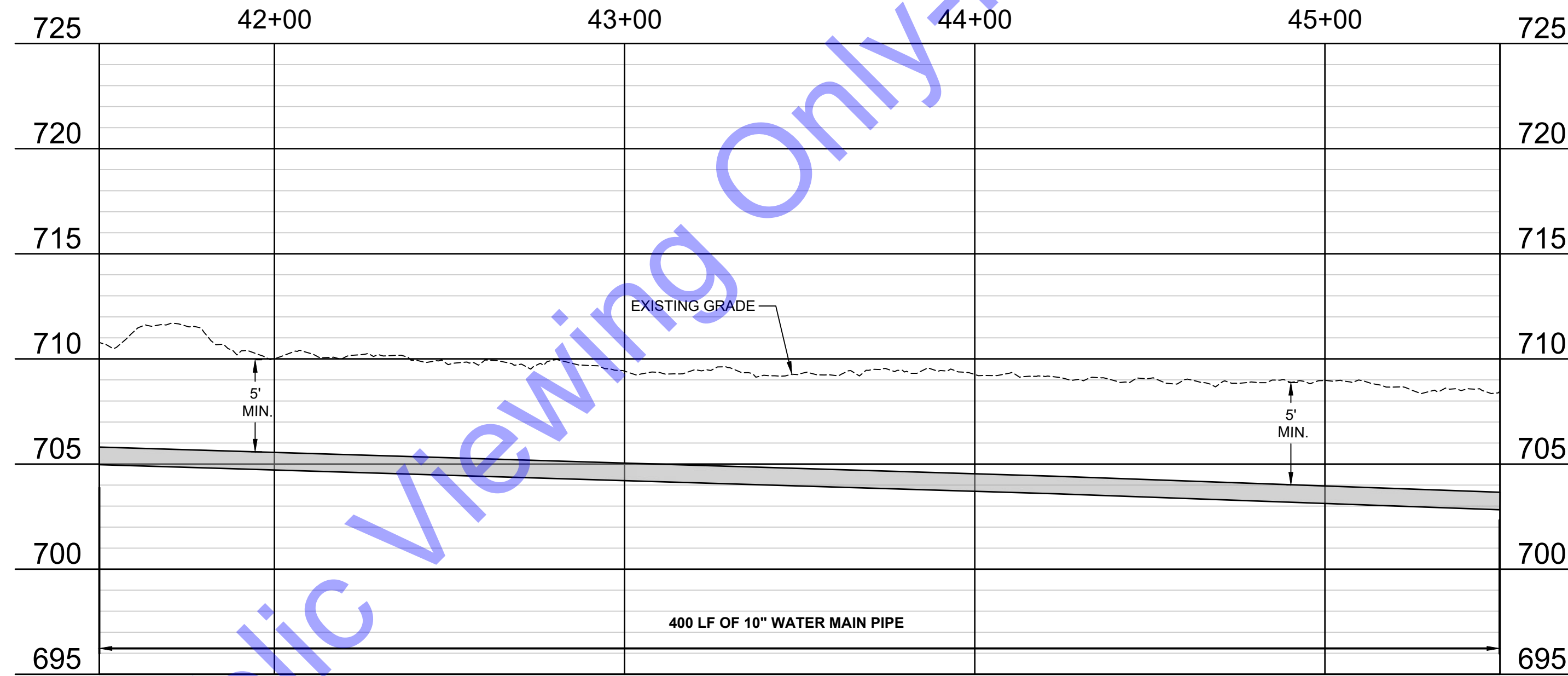
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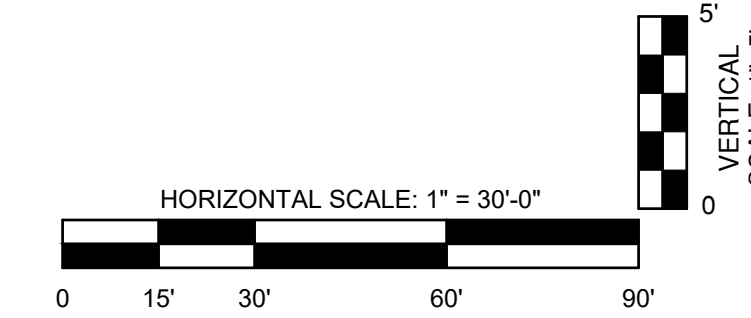


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PLAN VIEW



PROFILE VIEW



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 No. 10000127
 STATE OF INDIANA
 Signature: [Signature] Date: 9-6-24

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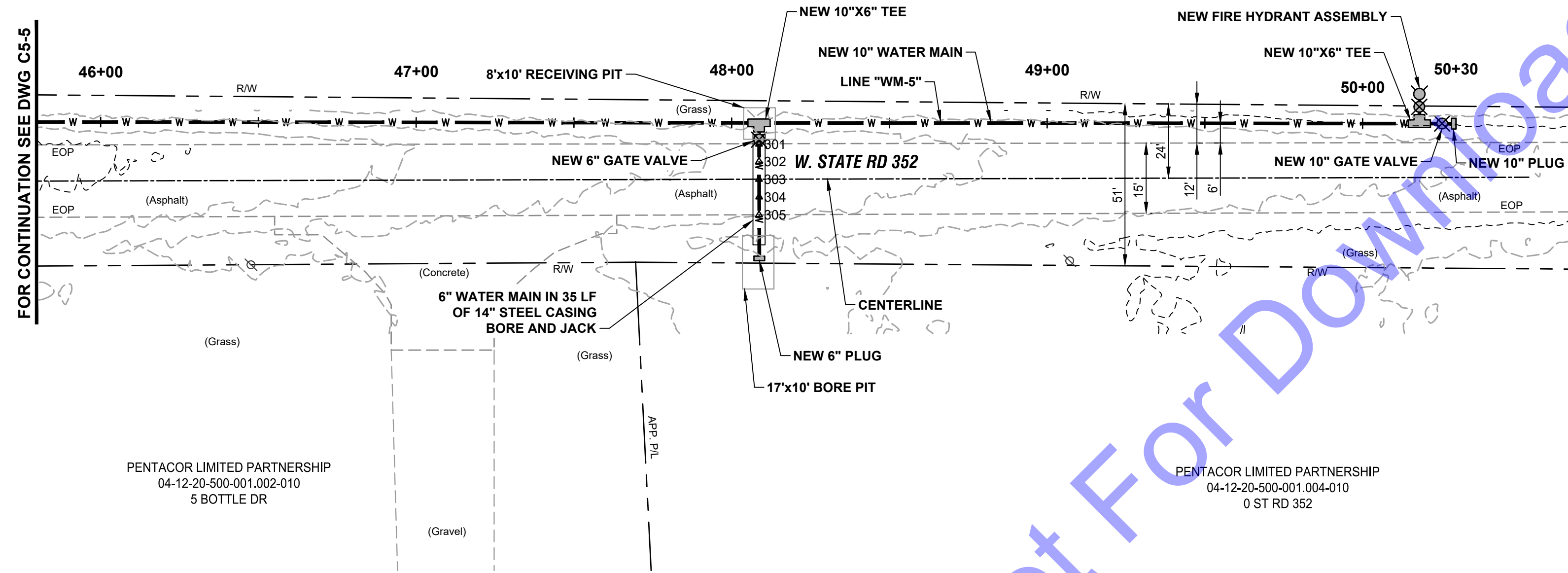
No.	Submittal / Revision	Date	By

Designed By: RMB	Drawn By: JRD	Checked By: CAL
Issue Date: 02-17-2025	Project No: W21101	Scale: AS SHOWN

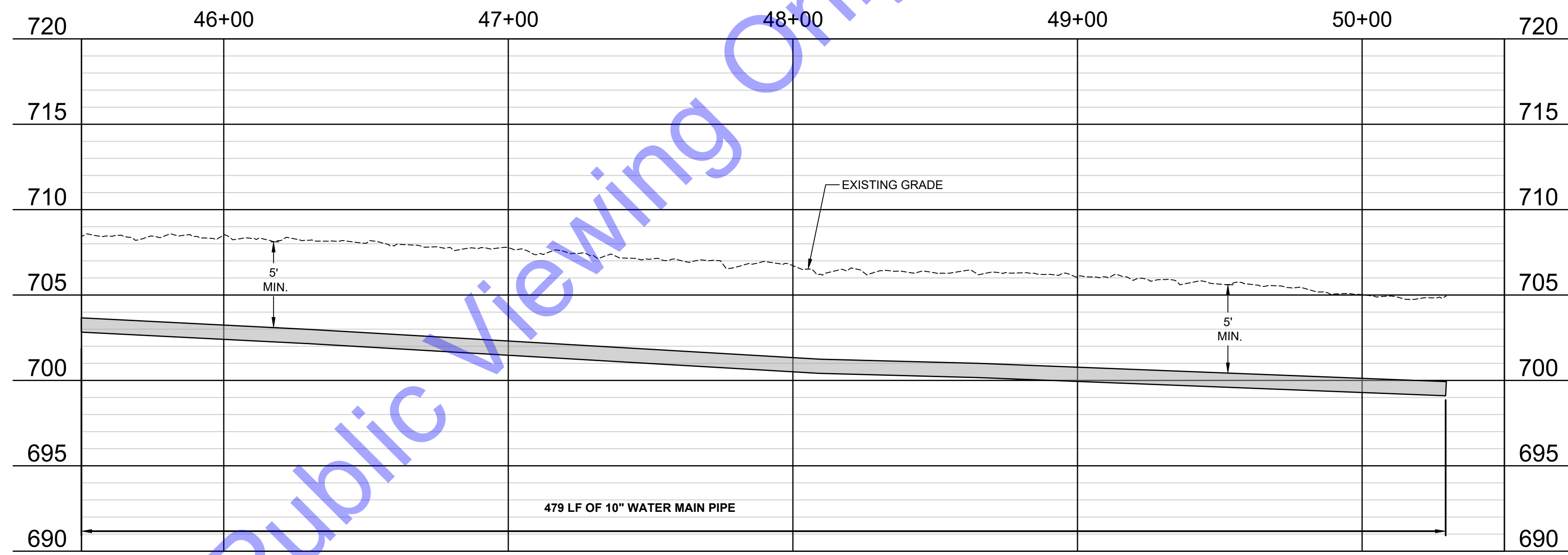
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 VIEW - LINE "WM-5"**

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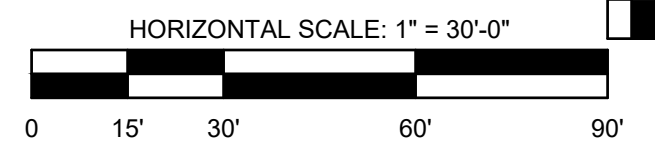
PLAN VIEW



PROFILE VIEW

GENERAL NOTES:

- CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING STARTING AND FINAL ROAD ELEVATIONS OF SETTLEMENT MONITORING POINTS 301 - 305 PRIOR TO AND AFTER CONSTRUCTION OF WATER MAIN CROSSING IN ACCORDANCE WITH INDOT PERMIT. FINAL ELEVATIONS SHALL ONLY BE TAKEN AT LEAST 6 MONTHS AFTER INSTALLATION.
- SETTLEMENT MONITORING POINTS SHALL BE MARKED WITH MAGNETIC NAILS AND SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION.



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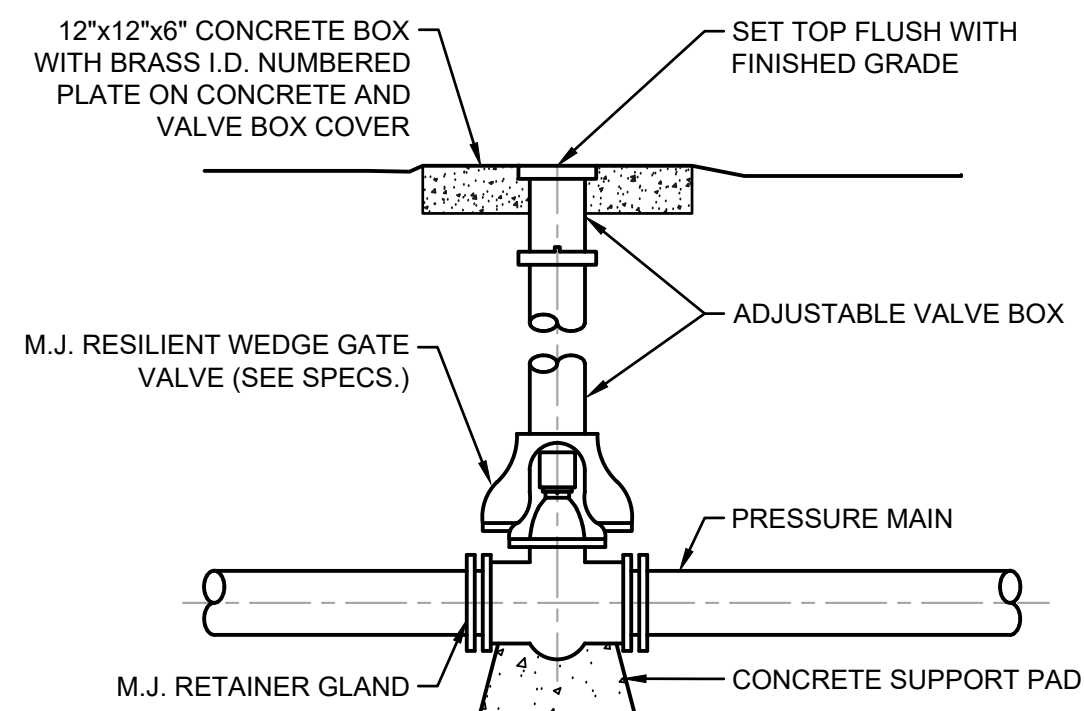
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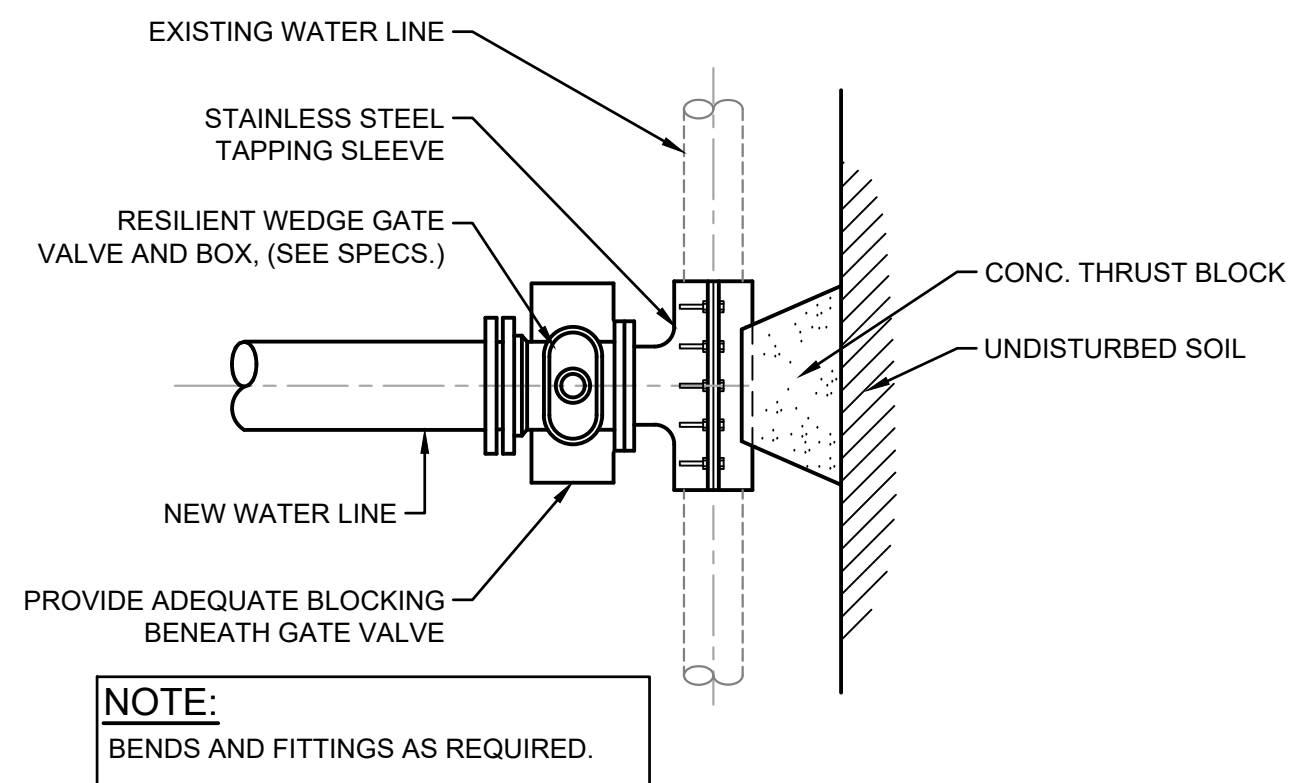
No.	Submittal / Revision	Date	By

Designed By: RMB	Drawn By: JRD	Checked By: CAL
Issue Date: 02-17-2025	Project No: W21101	Scale: AS SHOWN

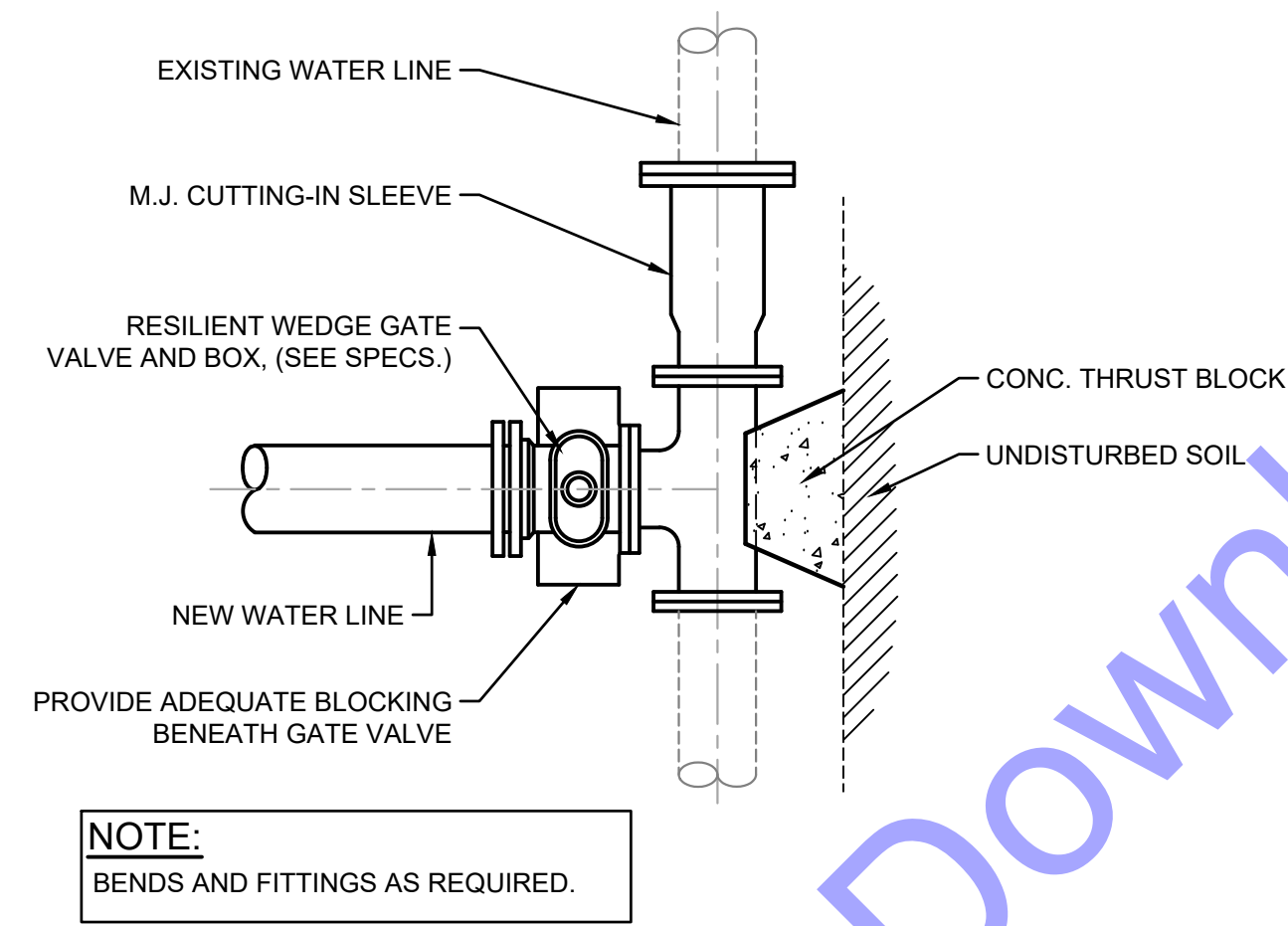
PLAN AND PROFILE VIEW - LINE "WM-5"



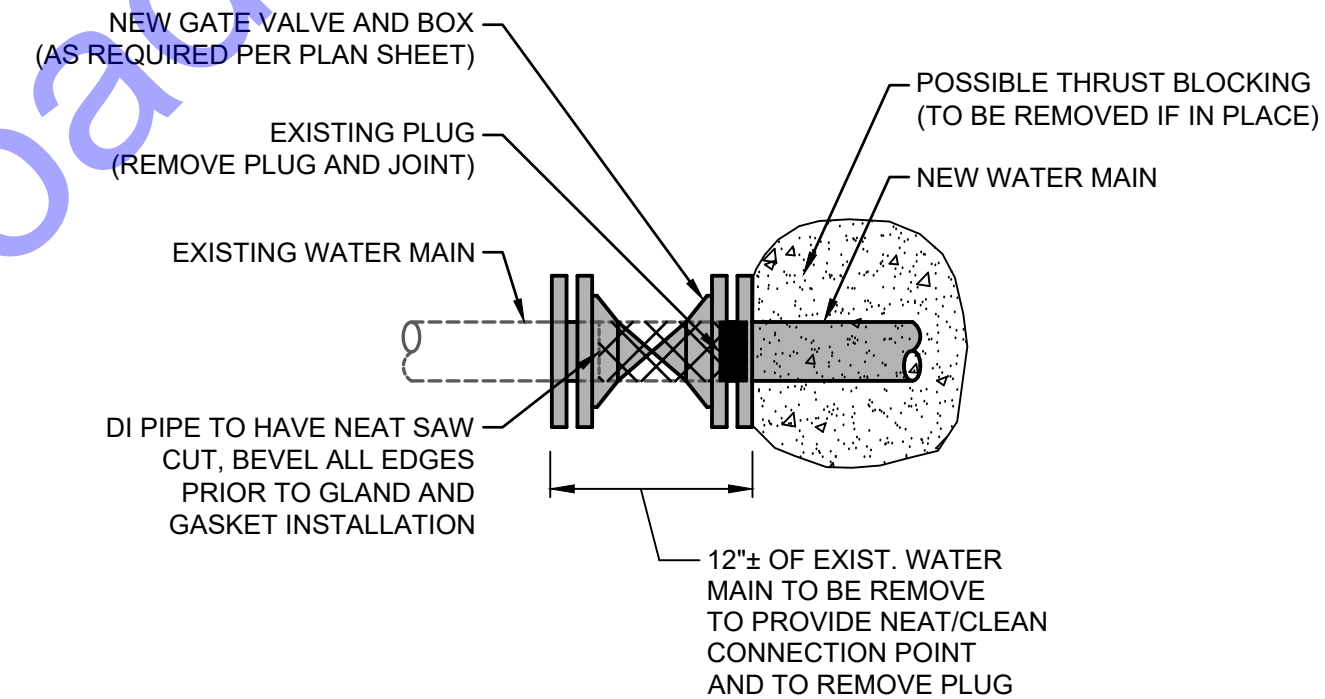
BURIED PLUG/GATE VALVE AND BOX DETAIL
NOT TO SCALE



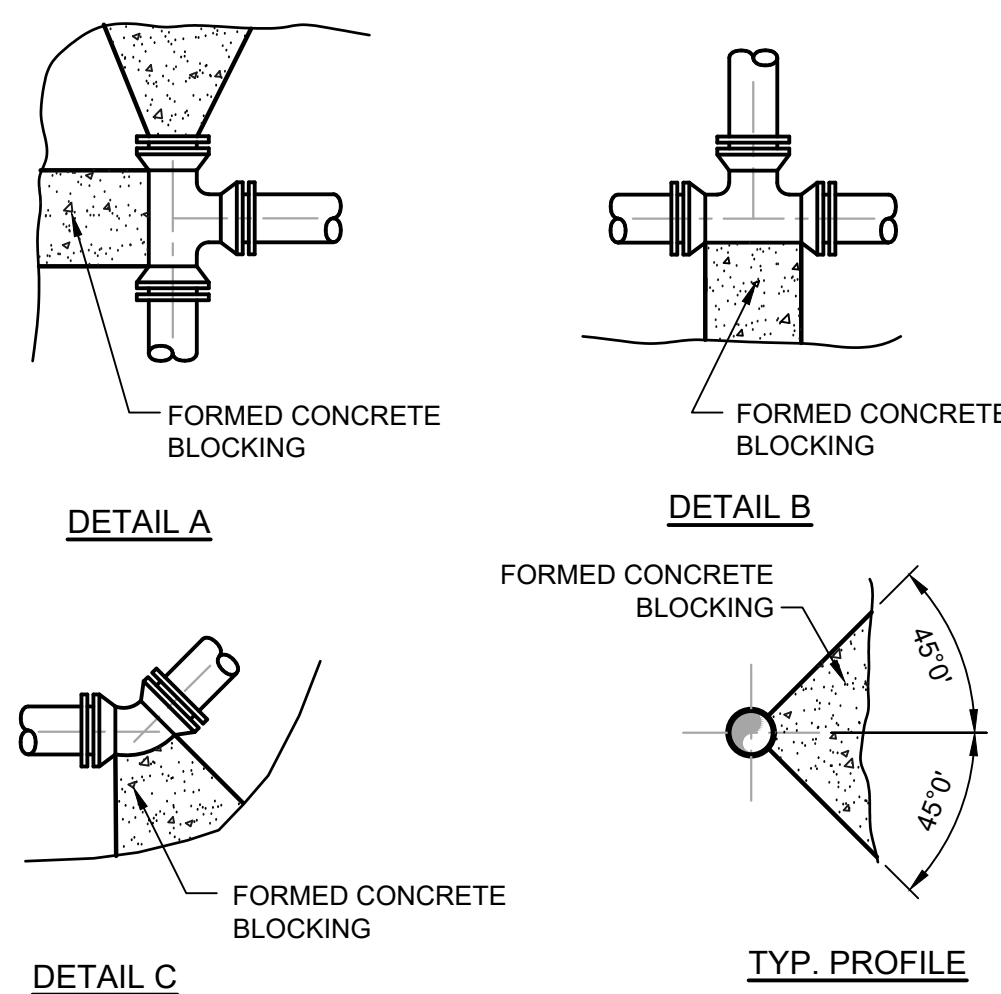
TYPE "A" CONNECTION TO EXISTING WATER MAIN
NOT TO SCALE



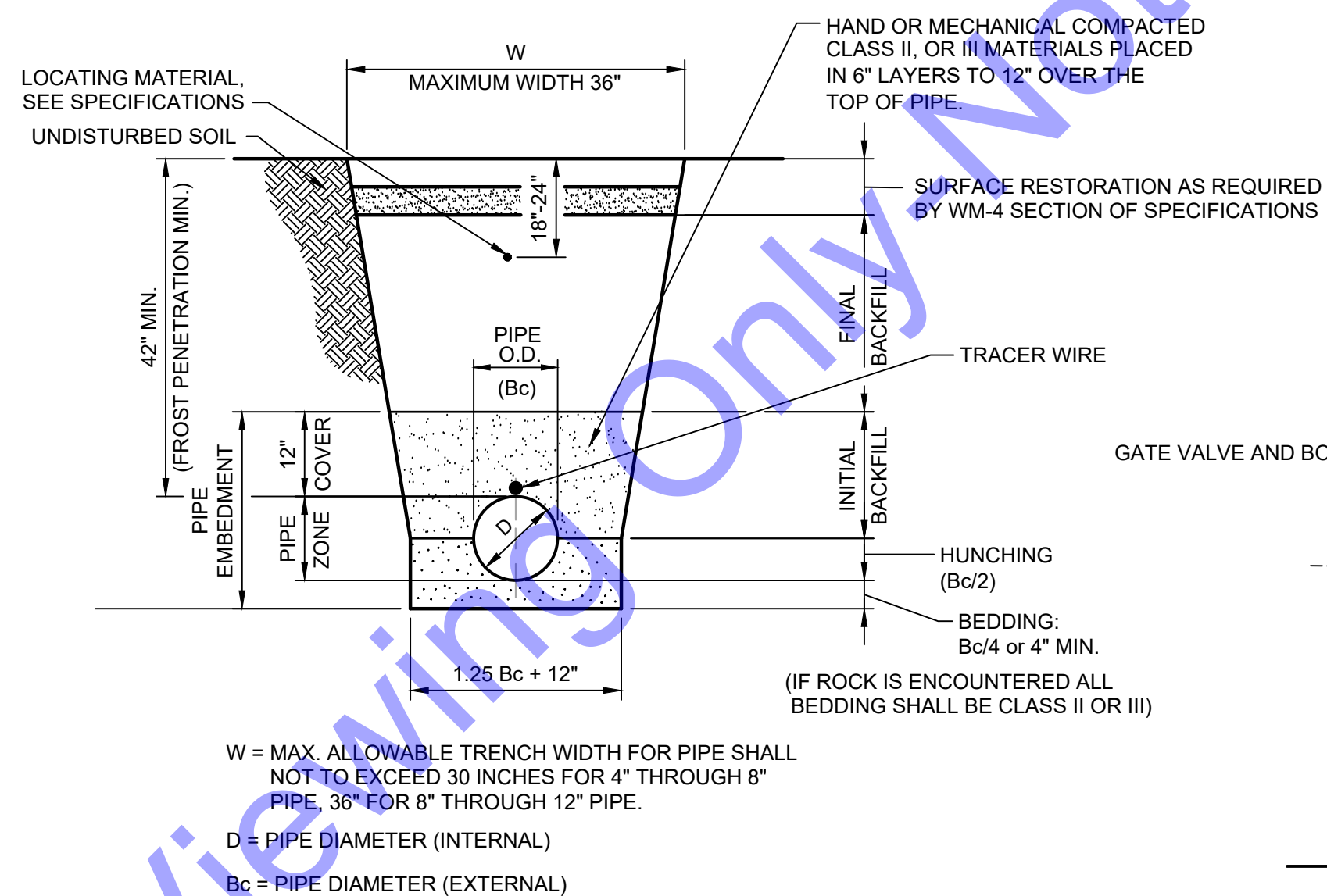
TYPE "B" CONNECTION TO EXISTING WATER MAIN
NOT TO SCALE



TYPE "C" CONNECTION TO EXISTING WATER MAIN
NOT TO SCALE



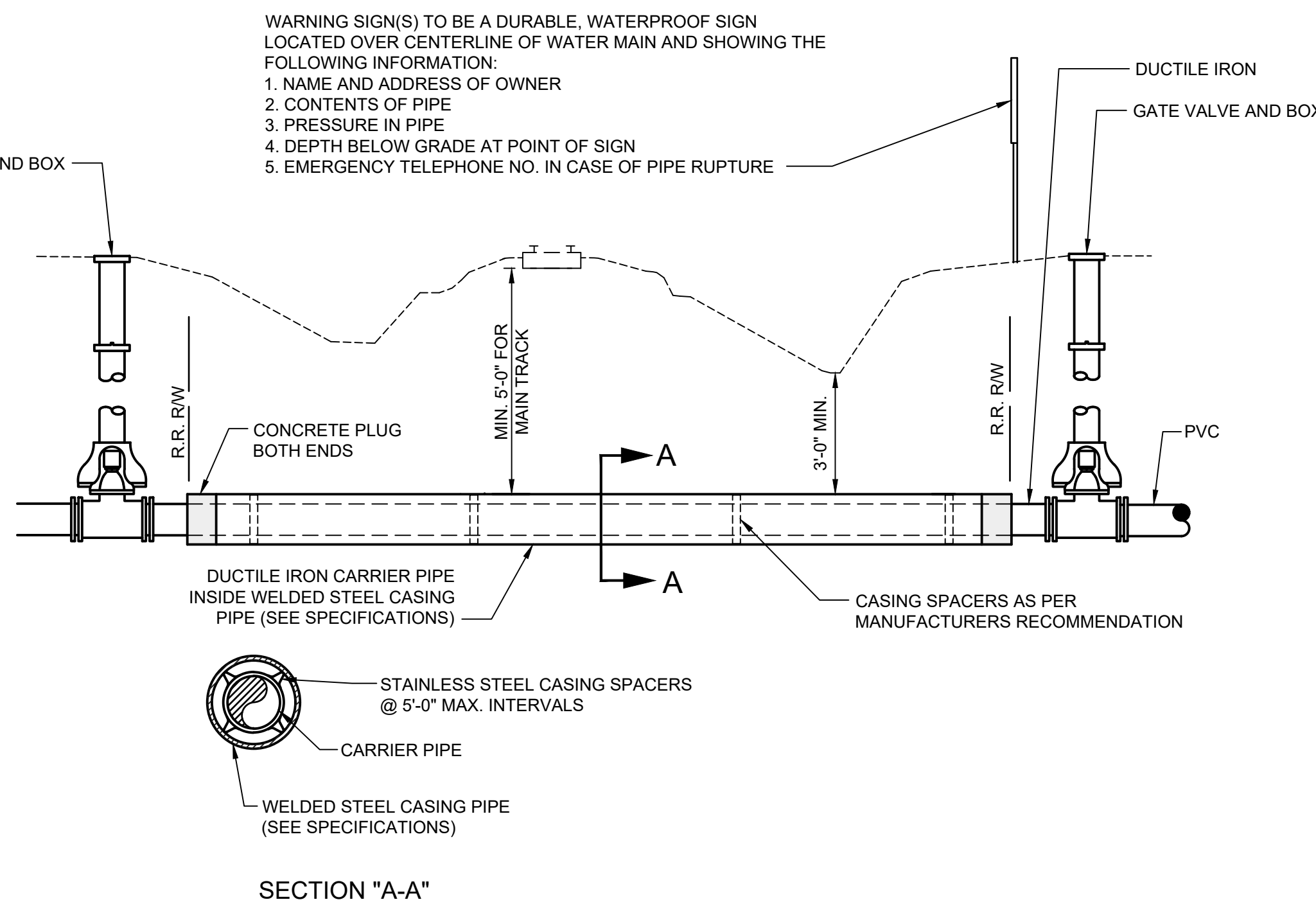
THRUST BLOCKING DETAIL
NOT TO SCALE



APPLICATION	BEDDING & HUNCHING	FINAL BACKFILL
GRASSY AREA OR NEW PAVED AREAS	CLASS I, OR II MATERIAL (REFER TO WORKMANSHIP & MATERIALS SPECIFICATIONS)	SELECTED EXCAVATED MATERIAL
PAVEMENT AREA OR ANY AREA SUBJECT TO VEHICULAR TRAFFIC	CLASS I, II OR III MATERIAL (REFER TO WORKMANSHIP & MATERIALS SPECIFICATIONS)	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, HUNCHING 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 IN. 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



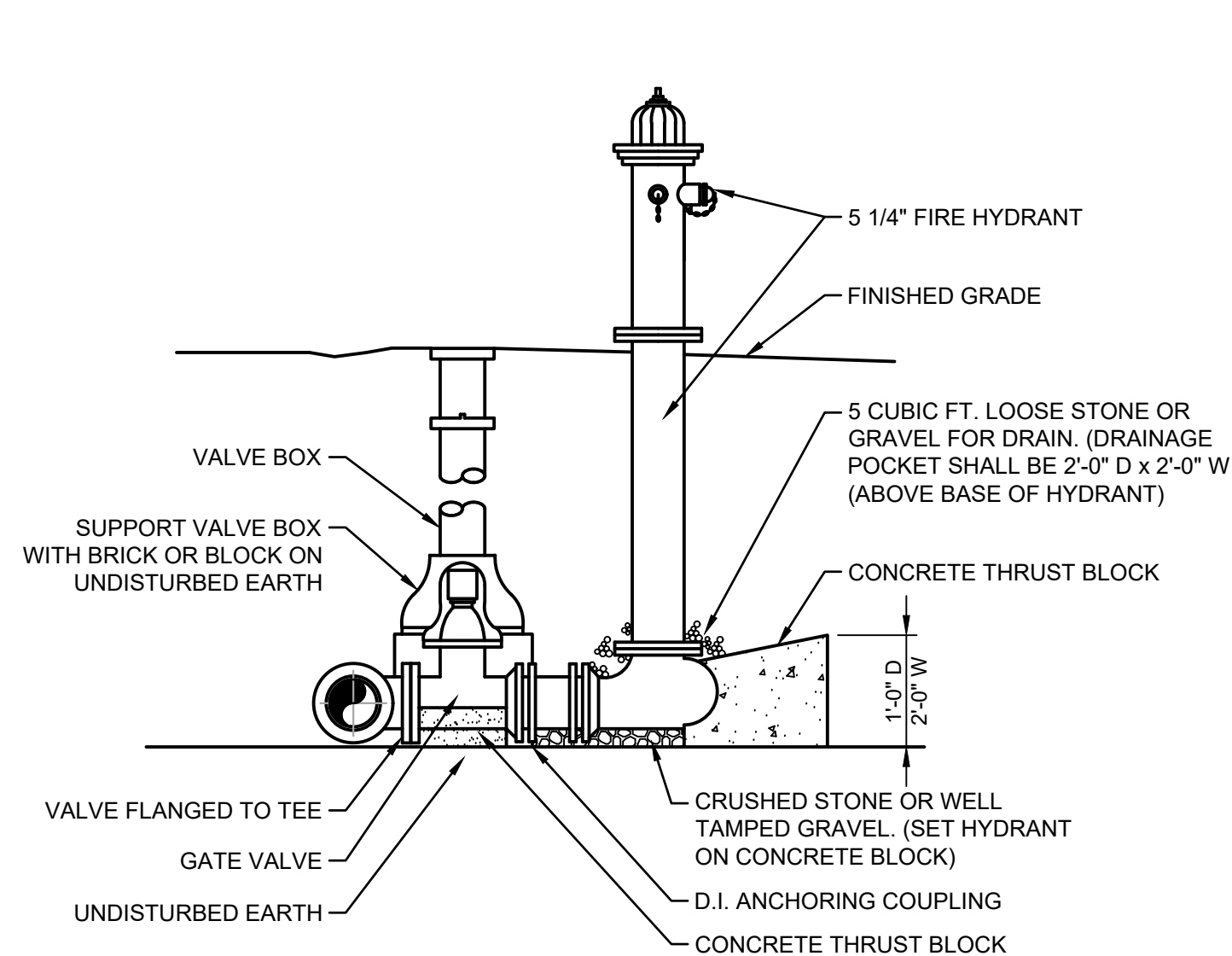
RAILROAD CROSSING - PRESSURE PIPE
NOT TO SCALE

PIPE SIZE	TEE			PLUG			90° BEND			45° BEND			22° BEND			11° BEND									
	L	T	W	L	T	W	L	T	W	L	T	W	L	T	W	L	T	W							
4"	18"	12"	12"	8"	18"	12"	18"	18"	2"	24"	12"	24"	8"	18"	8"	12"	8"	18"	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"	18"	10"	18"	6"		
8"	30"	12"	24"	8"	30"	18"	30"	24"	4"	36"	16"	30"	8"	24"	12"	18"	8"	24"	18"	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"	14"	18"	8"		
12"	48"	18"	36"	10"	42"	18"	42"	24"	4"	54"	24"	48"	10"	36"	16"	30"	10"	36"	16"	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"	72"	26"	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"

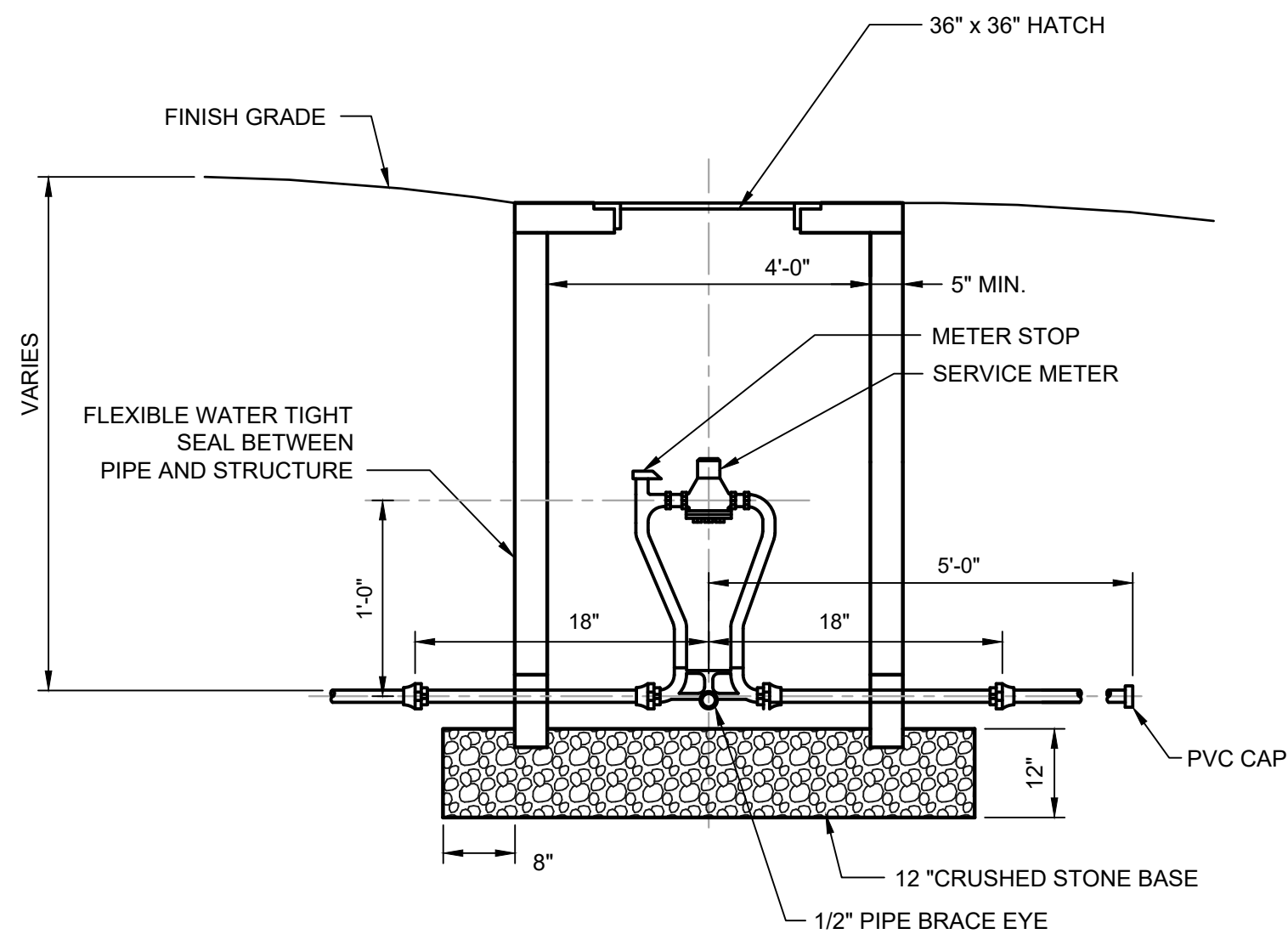
- NOTES:**
- FOR TEE WITH BRANCH UNEQUAL TO RUN USE TEE TYPE KICKER WITH D, L, AND W DIMENSIONS THE SAME AS THOSE FOR PLUG WITH SAME DIAMETER AS BRANCH OF TEE. SELECT "T" DIMENSIONS FROM TEE TABLE UNDER COLUMN HEADED BY THE SIZE OF THE BRANCH.
 - IF EXACT SIZE PIPE BLOCKING IS NOT SHOWN USE NEXT LARGER 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".

No.	Submission / Revision	Date

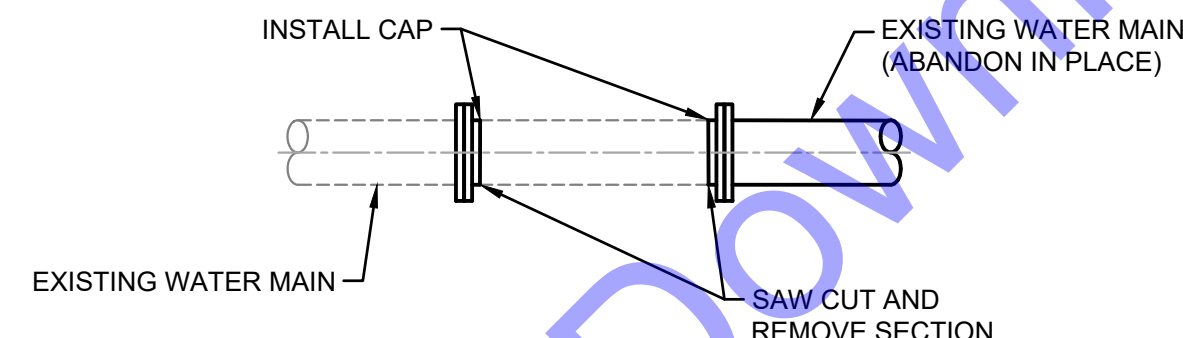
Designed By: RMB	Drawn By: JRD	Checked By: CAL
Issue Date: 02-17-2025	Project No: W21101	Scale: AS SHOWN



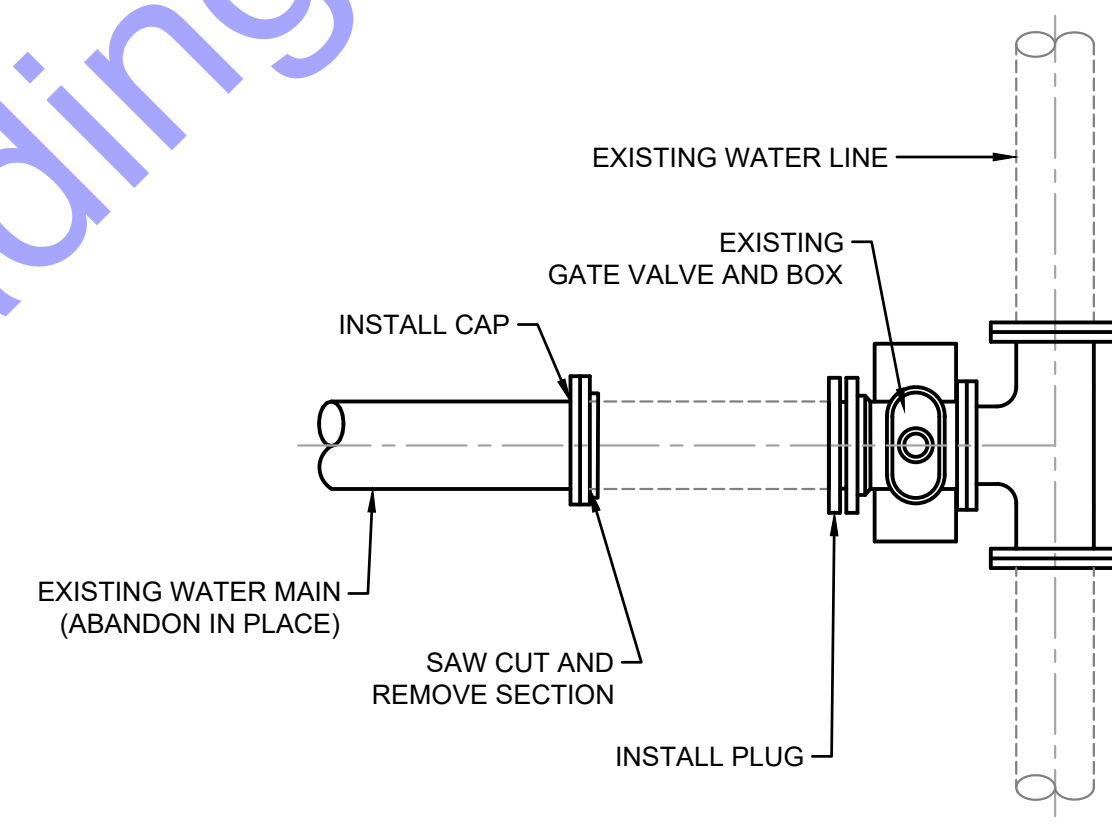
FIRE HYDRANT DETAIL
NOT TO SCALE



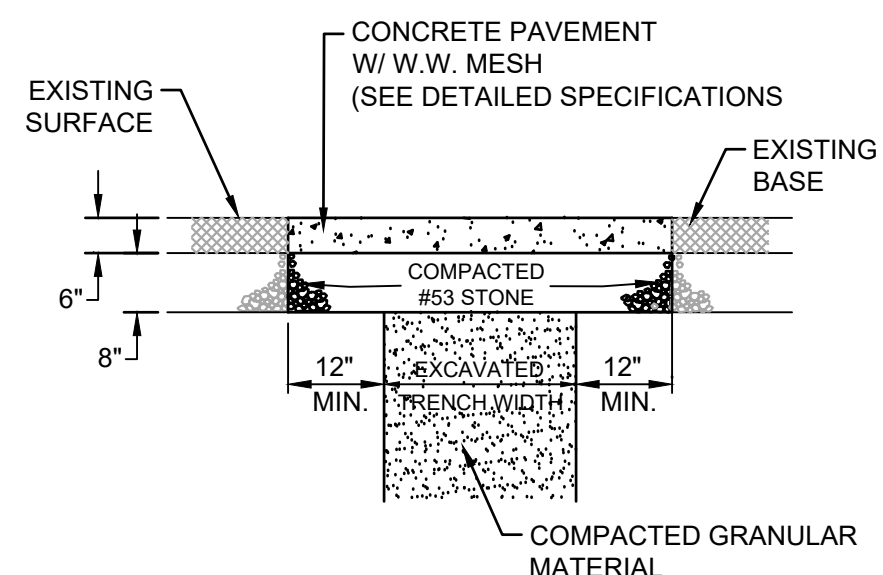
WATER METER MANHOLE DETAIL
NOT TO SCALE



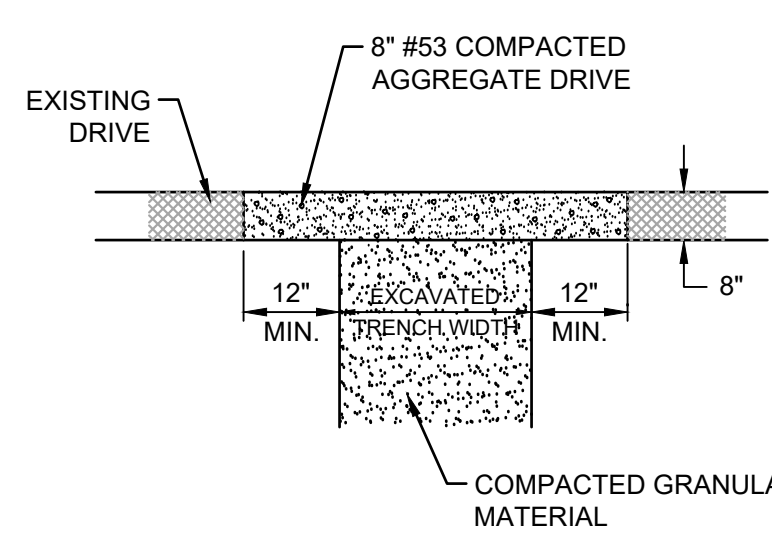
CUT AND CAP DETAIL
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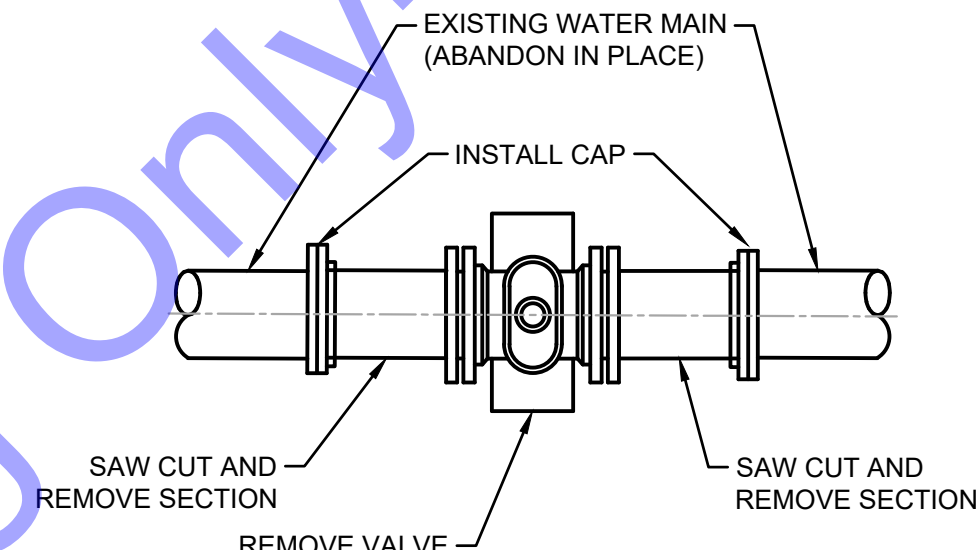
CUT AND CAP/PLUG DETAIL
NOT TO SCALE



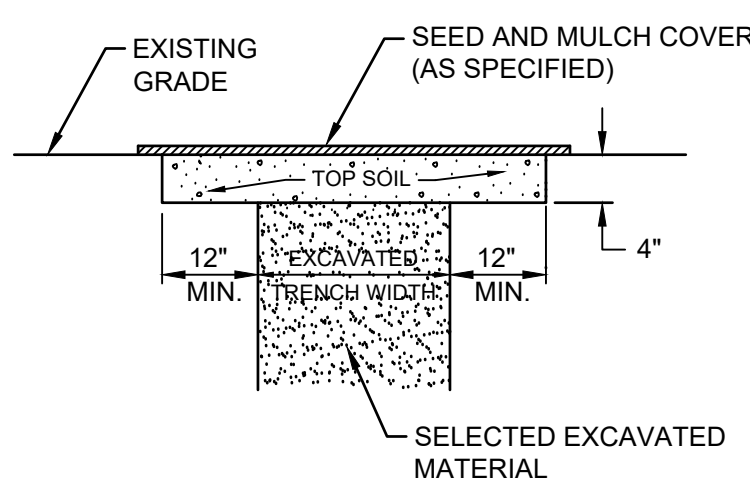
SURFACE RESTORATION DETAIL FOR CONCRETE PAVEMENT - DRIVE
NOT TO SCALE



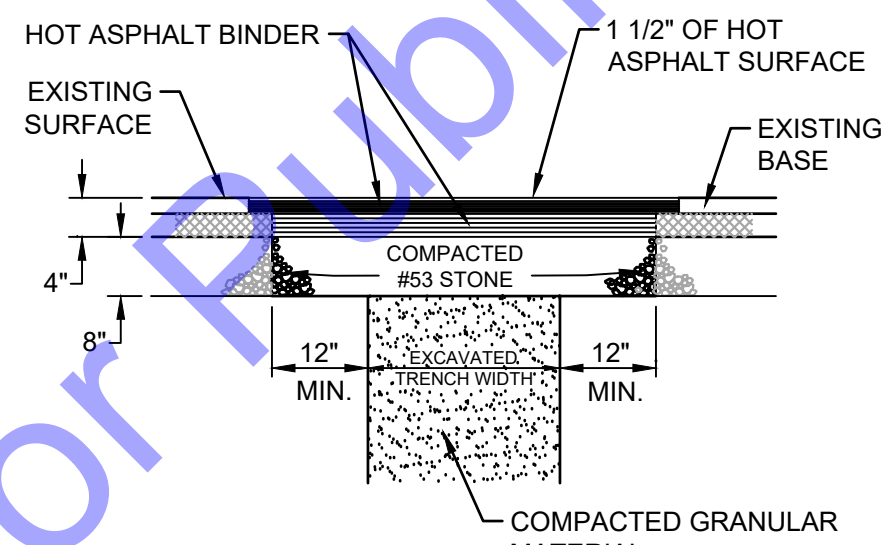
SURFACE RESTORATION DETAIL FOR GRAVEL PAVEMENT - ROAD
NOT TO SCALE



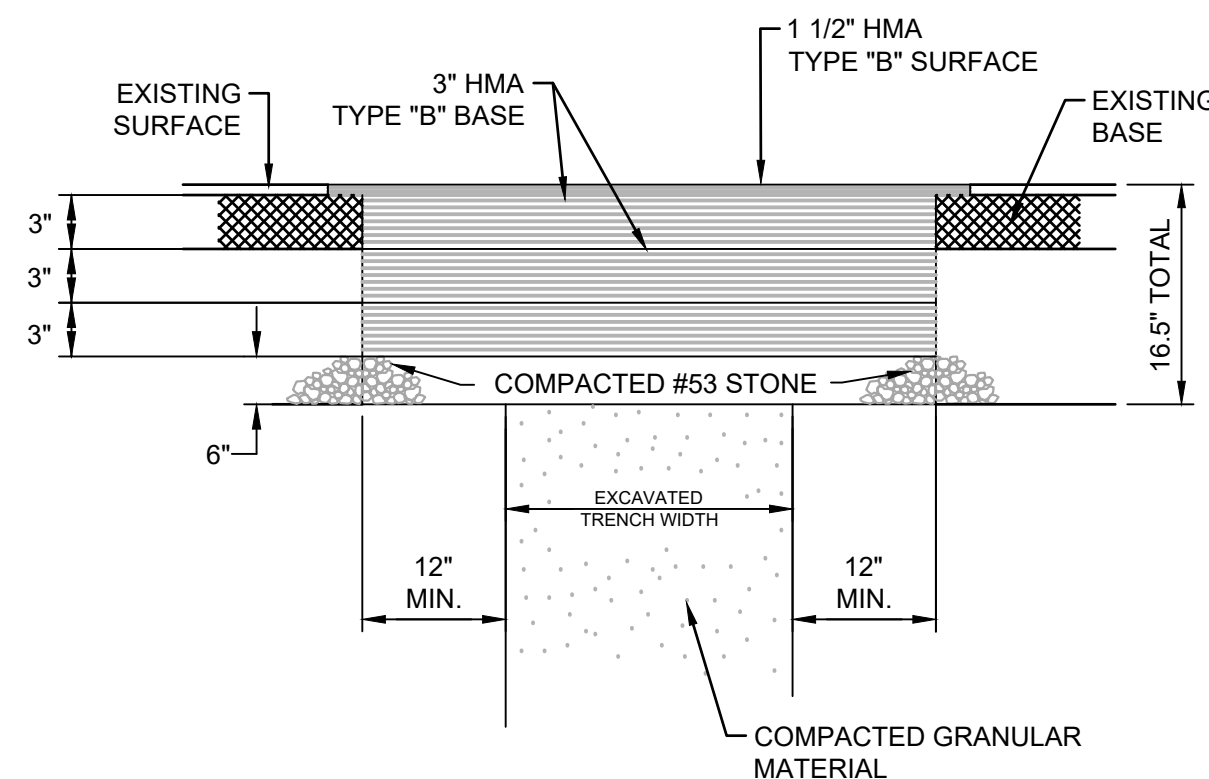
CUT AND CAP WITH VALVE REMOVED DETAIL
NOT TO SCALE



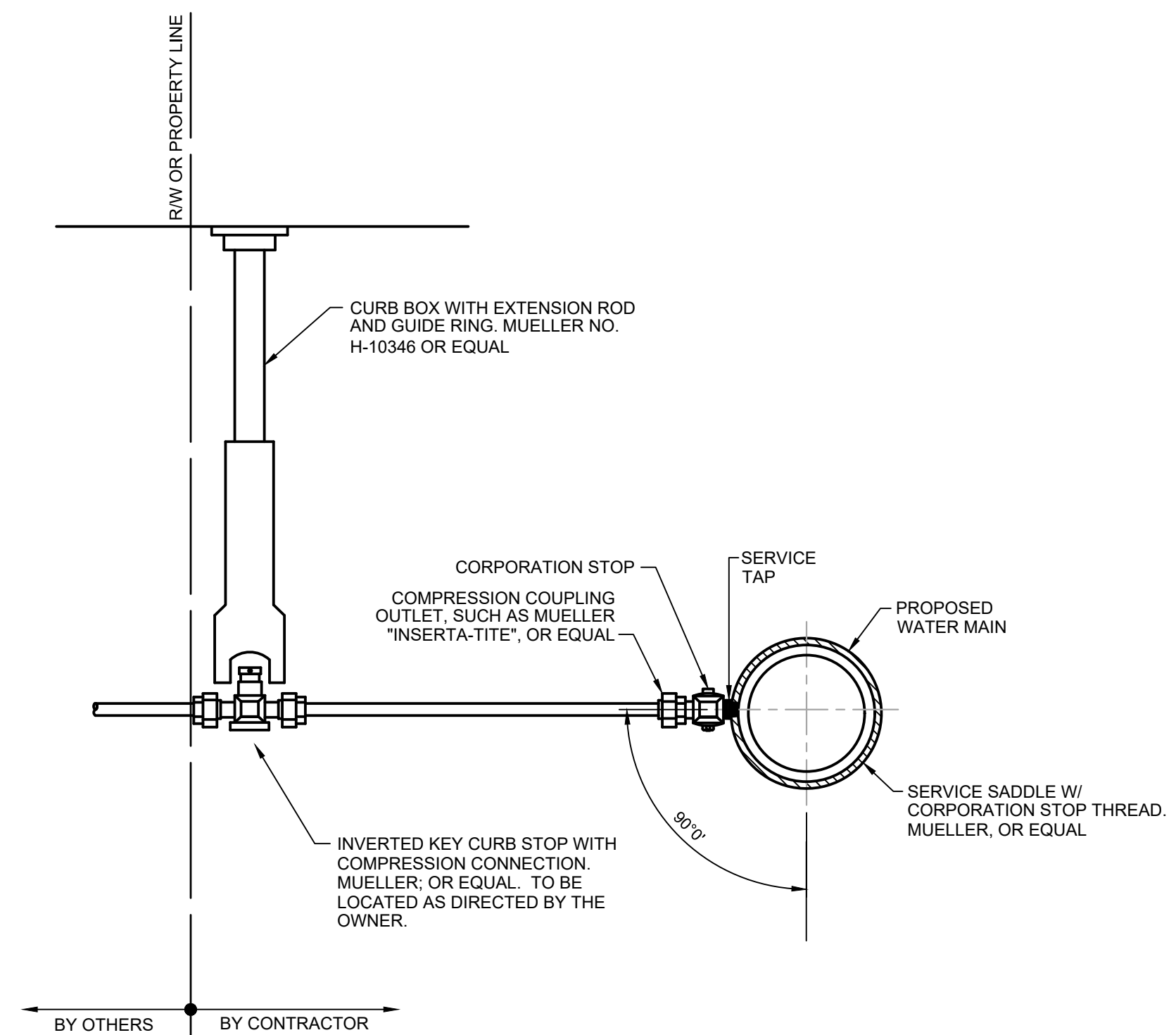
SURFACE RESTORATION DETAIL FOR GRASS AREAS
NOT TO SCALE



SURFACE RESTORATION DETAIL FOR ASPHALT PAVEMENT - ROAD
NOT TO SCALE



HIGHWAY REPLACEMENT DETAIL
NOT TO SCALE



NEW SERVICE CONNECTION DETAIL
NOT TO SCALE

File: Z:\SHARED\CLIENTS\2025\0217\2025\0217\101 WATER UTILITY IMPROVEMENTS\CDVA\CURRENT FILES\DRAWINGS\DIVISION B - SYSTEMS\MISCELLANEOUS DETAILS.DWG
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REGISTERED PROFESSIONAL ENGINEER
No. 10000127
STATE OF INDIANA
Signature: [Signature] Date: 9-6-24

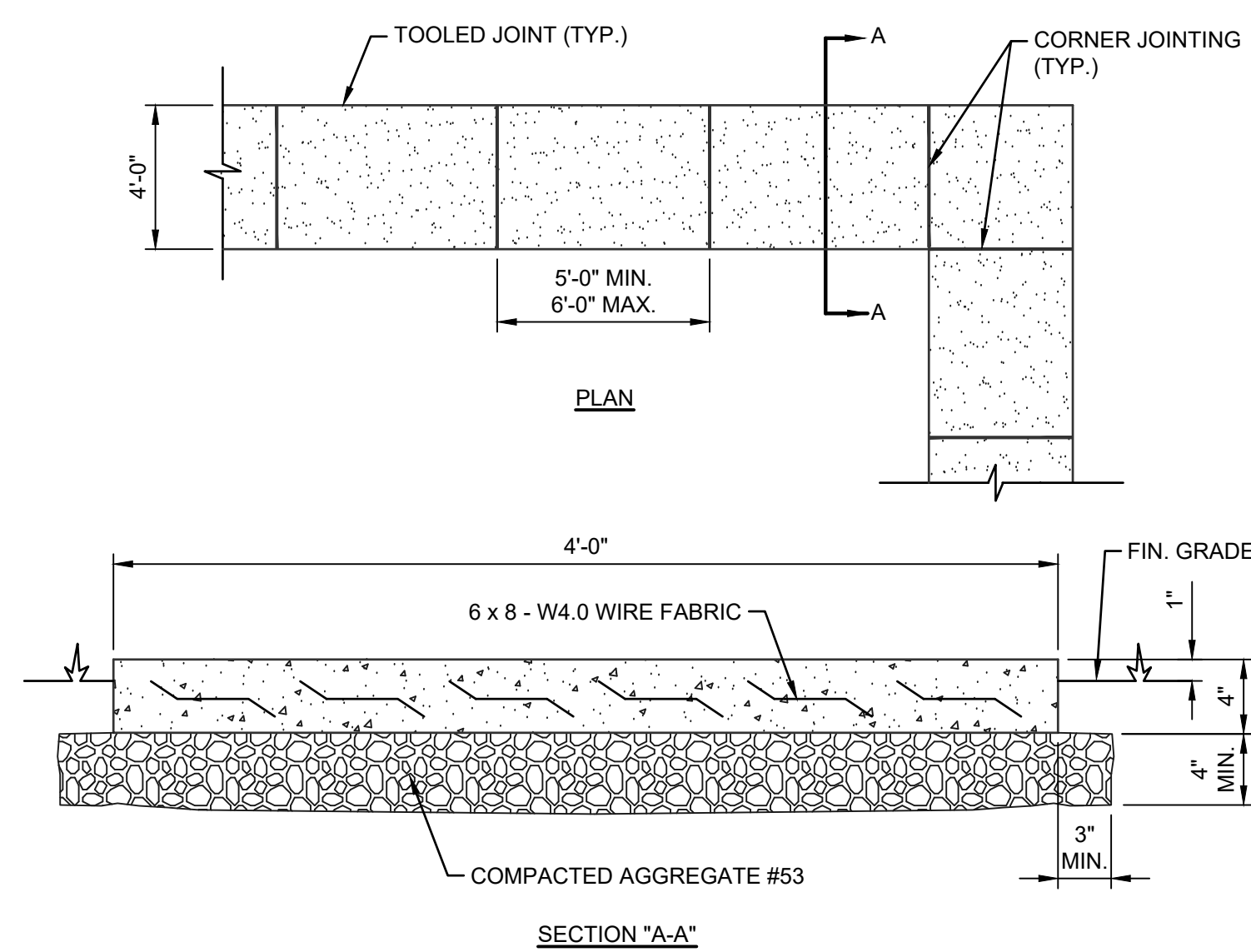
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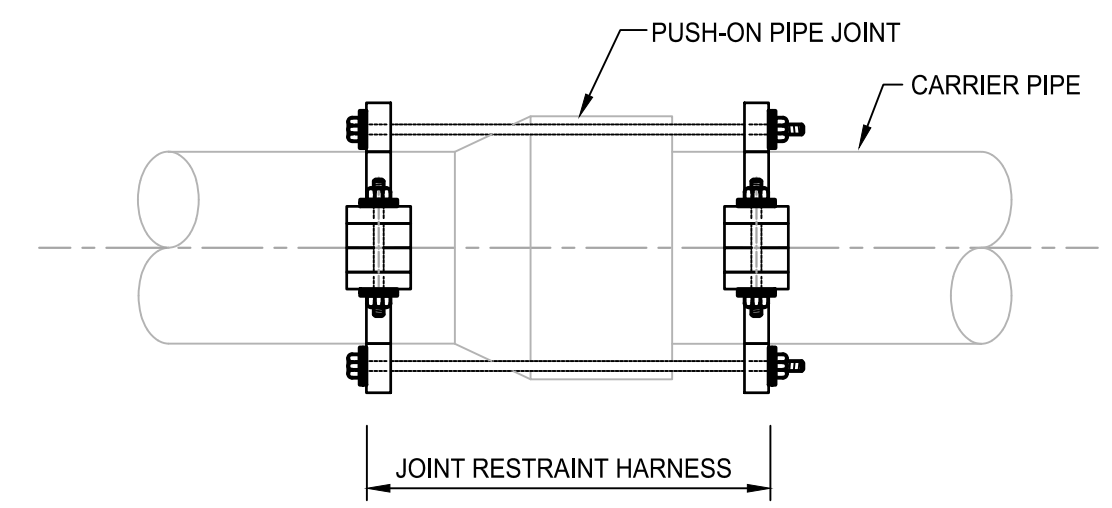
Designed By:	Drawn By:	Checked By:
RMB	JRD	CAL
Issue Date:	Project No:	Scale:
02-17-2025	W21101	AS SHOWN

MISCELLANEOUS DETAILS

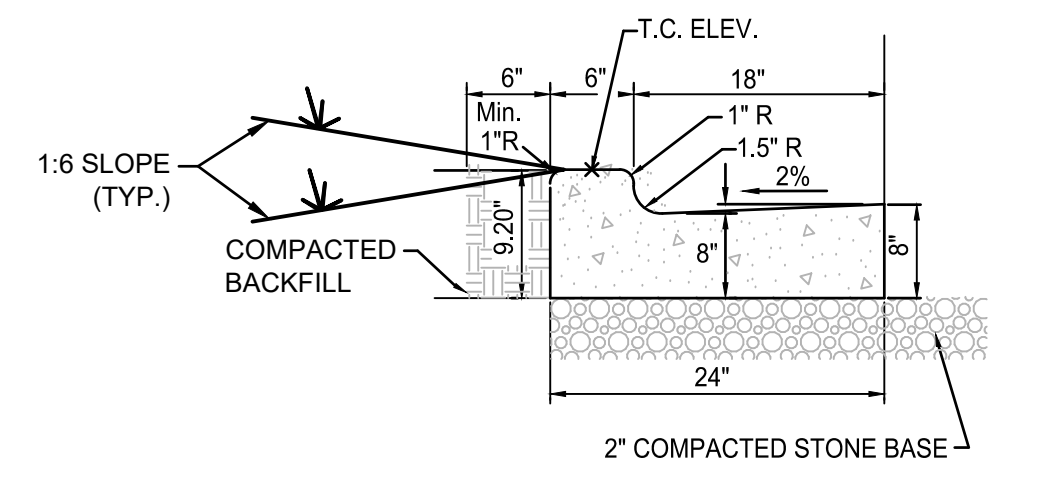


- GENERAL NOTES:**
1. TRANSVERSE JOINTS SHALL BE CUT WITH A JOINTER HAVING A RADIUS OF 1/4" AT SPACING AT A MINIMUM OF 6'-0"
 2. SIDEWALK SHALL BE 6" THICK WITH 8" OF COMPACTED AGGREGATE No. 53 AT ALL DRIVEWAY CROSSINGS
 3. SIDE SLOPE SHALL BE 1/4" / FT.

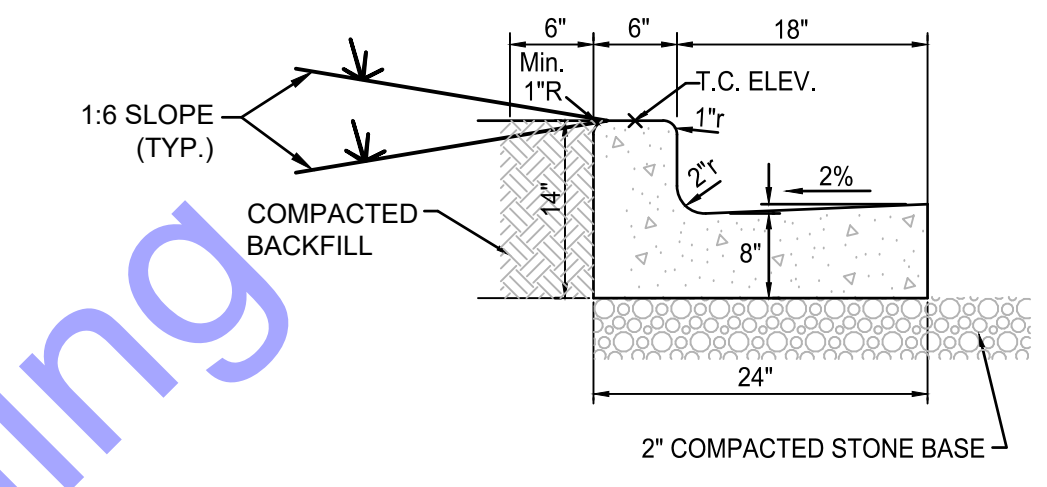
CONCRETE SIDEWALK DETAIL
NOT TO SCALE



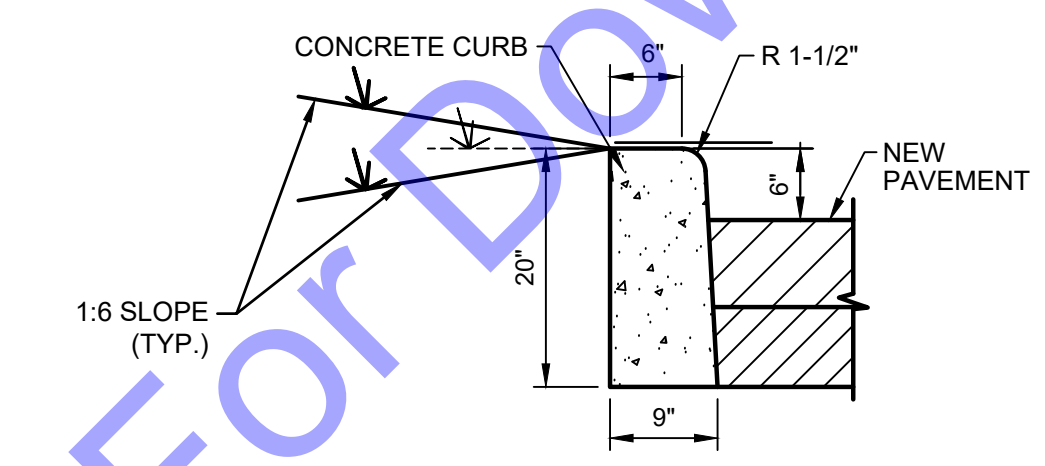
PIPE RESTRAINT DETAIL
NOT TO SCALE



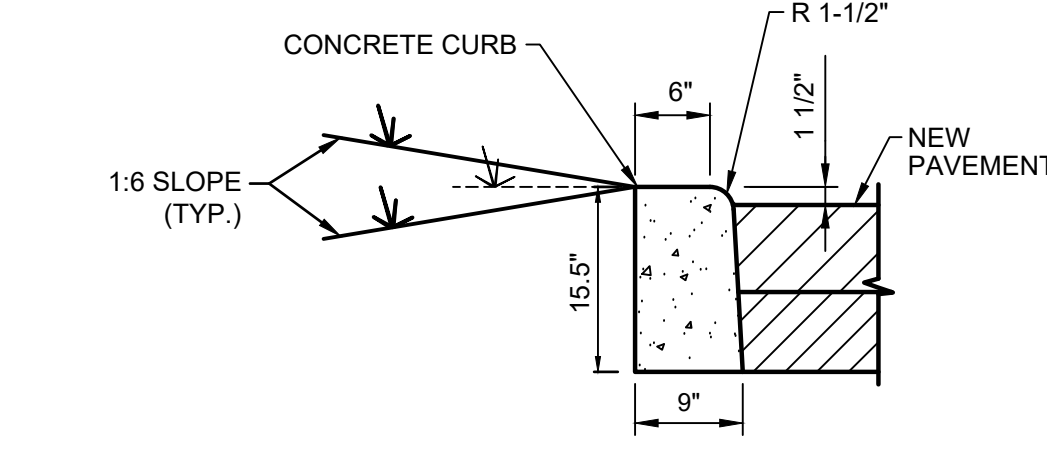
TYPICAL CONCRETE DEPRESSED CURB AND GUTTER DETAIL
NOT TO SCALE



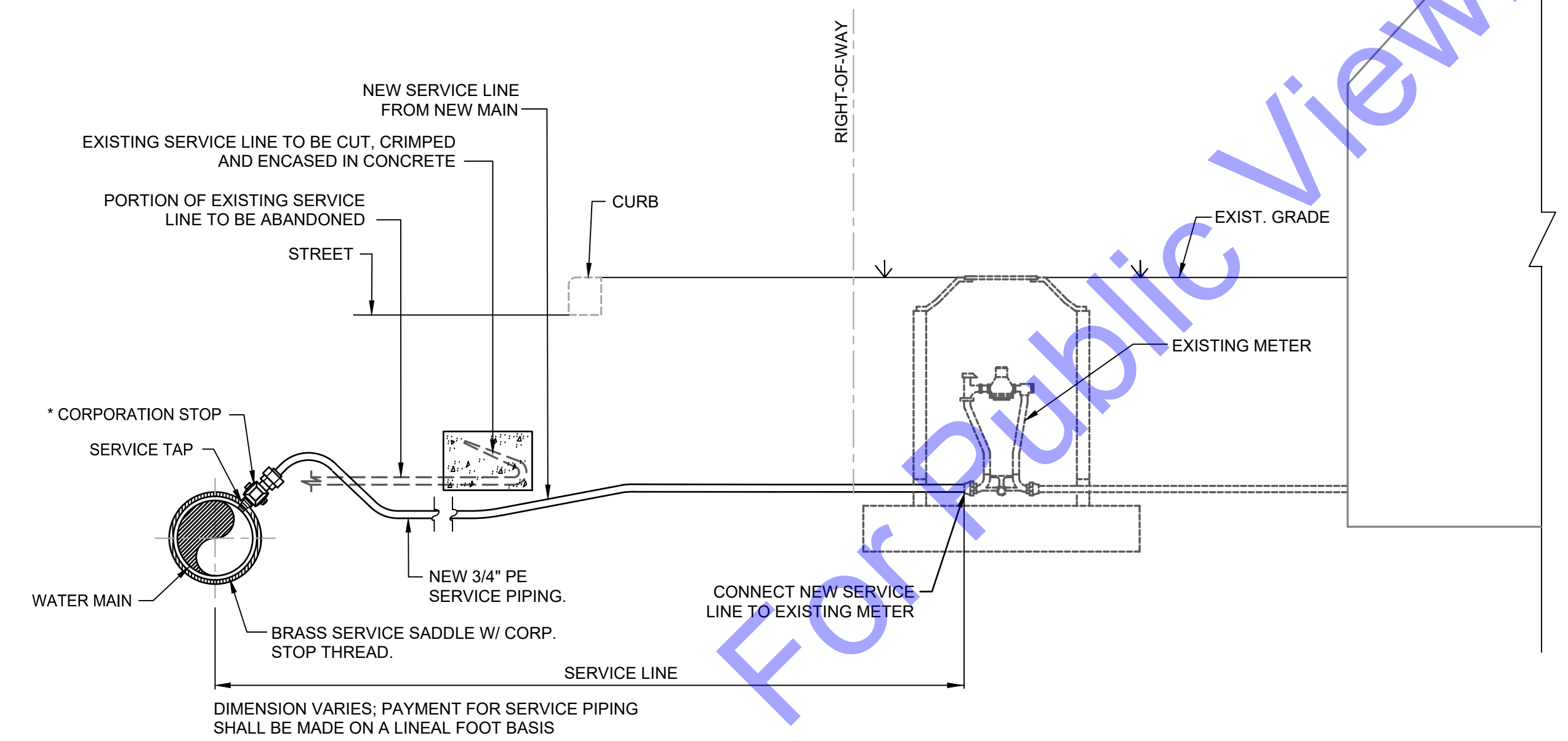
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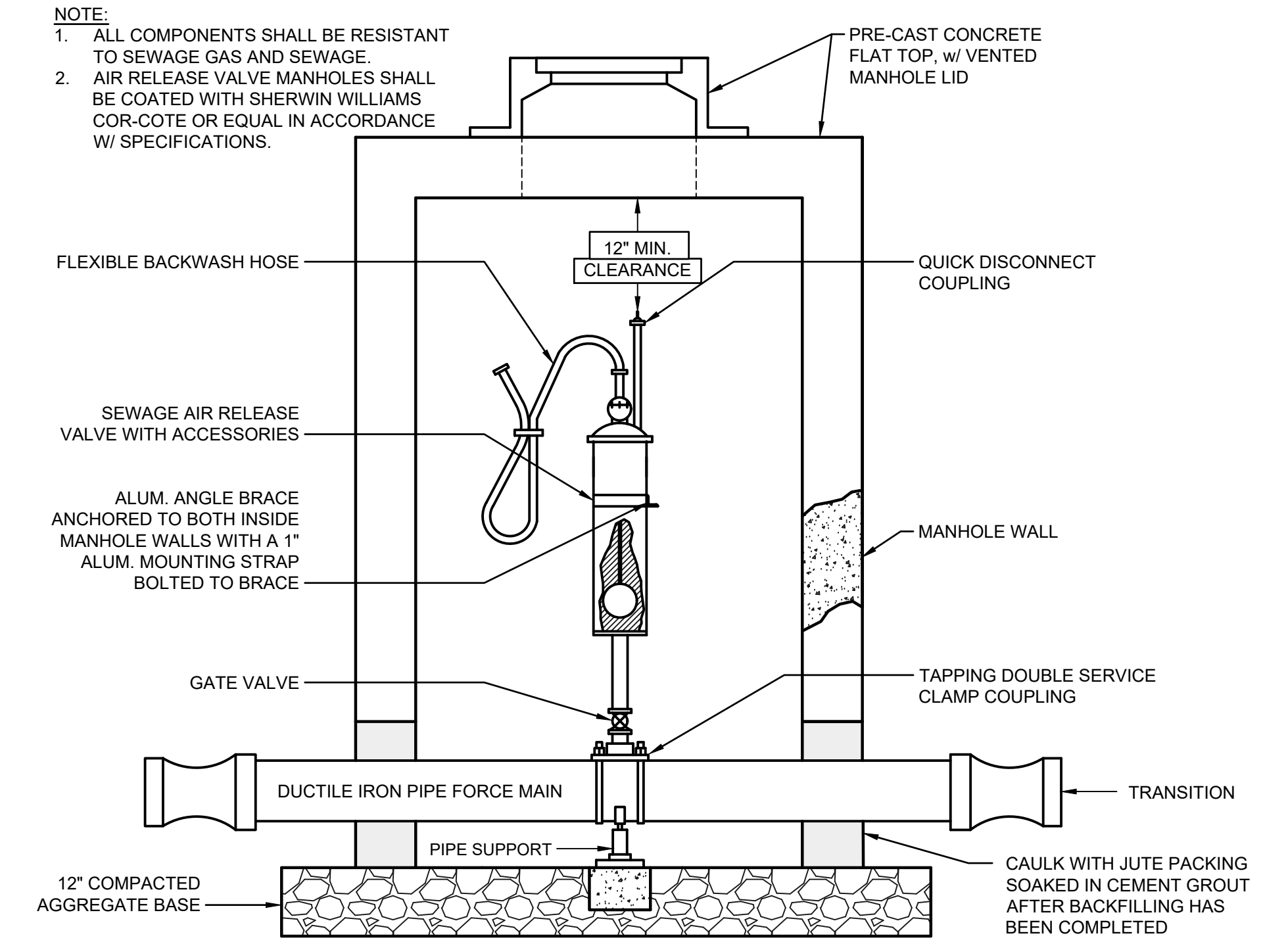
INTEGRAL CONCRETE CURB DETAIL
NOT TO SCALE



DEPRESSED INTEGRAL CONCRETE CURB DETAIL
NOT TO SCALE



TYPICAL SERVICE TAP, SERVICE LINE AND METER CONNECTION DETAIL
NOT TO SCALE



COMBINATION AIR RELEASE OR SEWAGE AIR RELEASE VALVE (SEE SPECIFICATIONS)
NOT TO SCALE

FILE: Z:\SHARED\CLIENTS\2025\02\101 WATER UTILITY IMPROVEMENTS\CDVA\CURRENT FILES\DRAWINGS\MISCELLANEOUS DETAILS.DWG
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REGISTERED PROFESSIONAL ENGINEER
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 STATE OF INDIANA

Signature: *[Signature]* Date: 9-6-24

**TOWN OF OXFORD
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**WATER UTILITY
 IMPROVEMENTS PROJECT**

**DIVISION "B" - WATER
 DISTRIBUTION SYSTEM
 IMPROVEMENTS PROJECT**

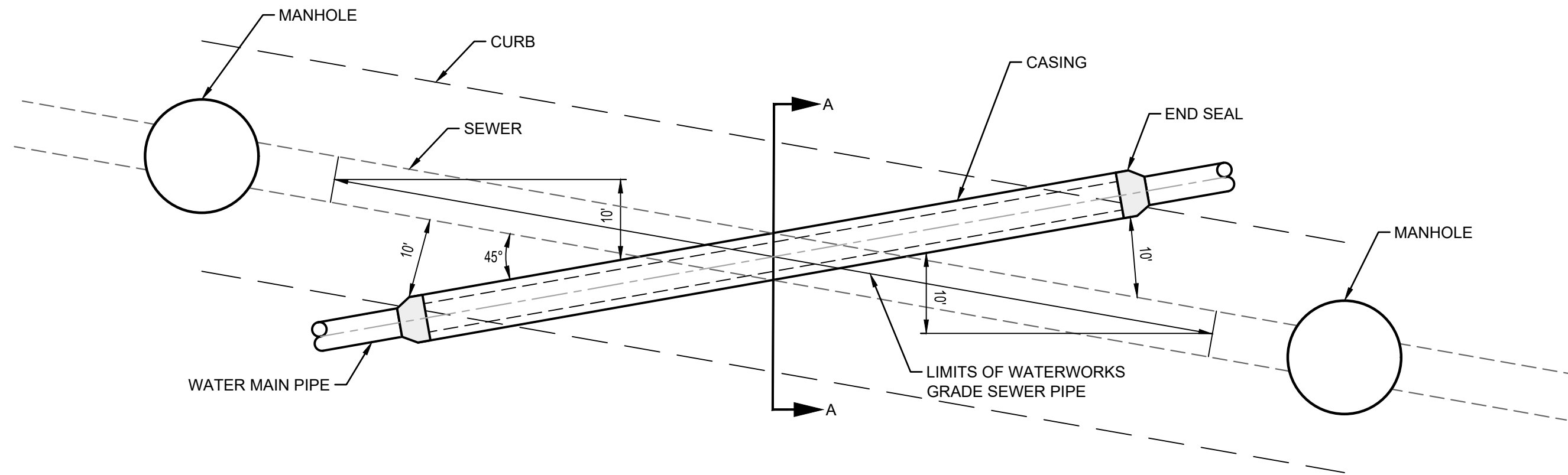
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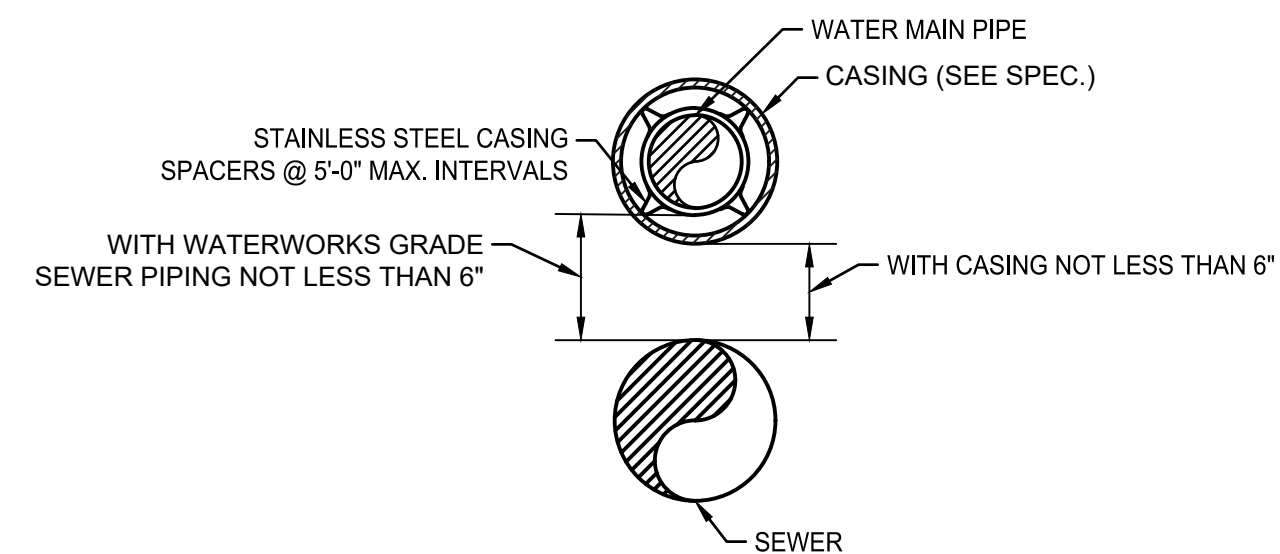
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Designed By: RMB	Drawn By: JRD	Checked By: CAL
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MISCELLANEOUS
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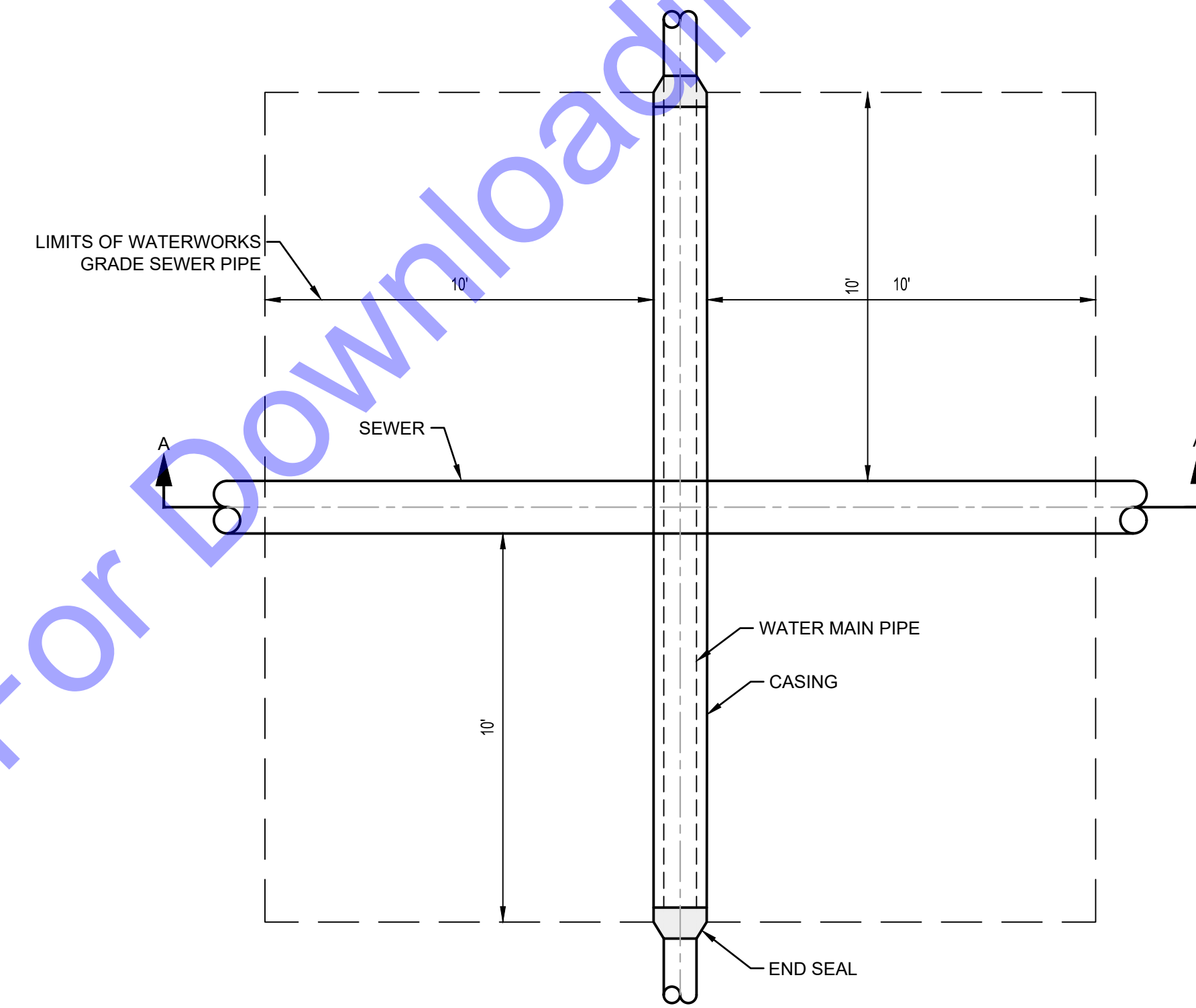


PLAN

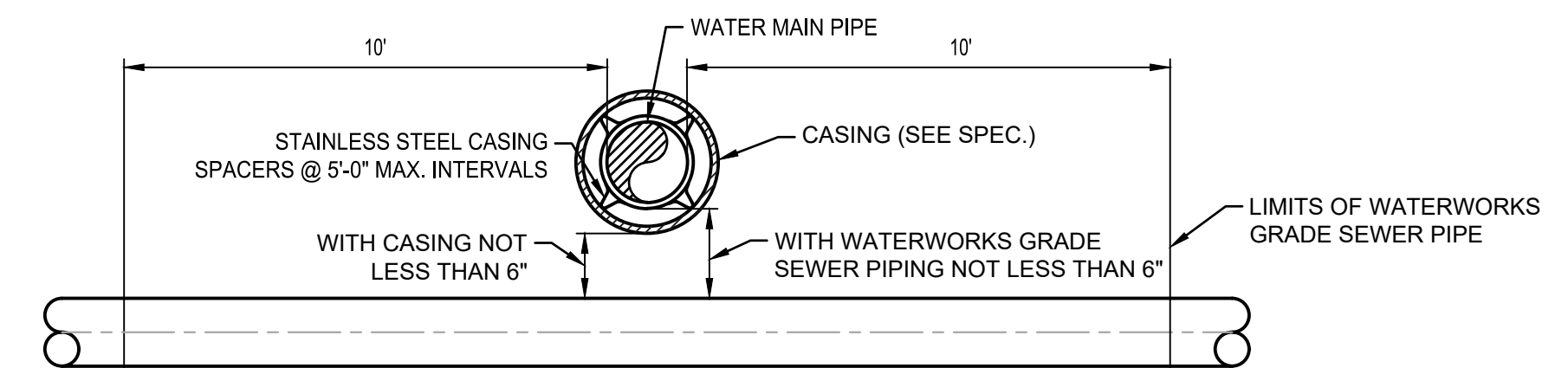


SECTION A

WATER-HORIZONTAL SEPARATION FROM SEWERS
NOT TO SCALE



PLAN



SECTION A

WATER-VERTICAL SEPARATION FROM SEWERS
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 Robert M. Bellucci
 Signature: *[Signature]* Date: 9-6-24

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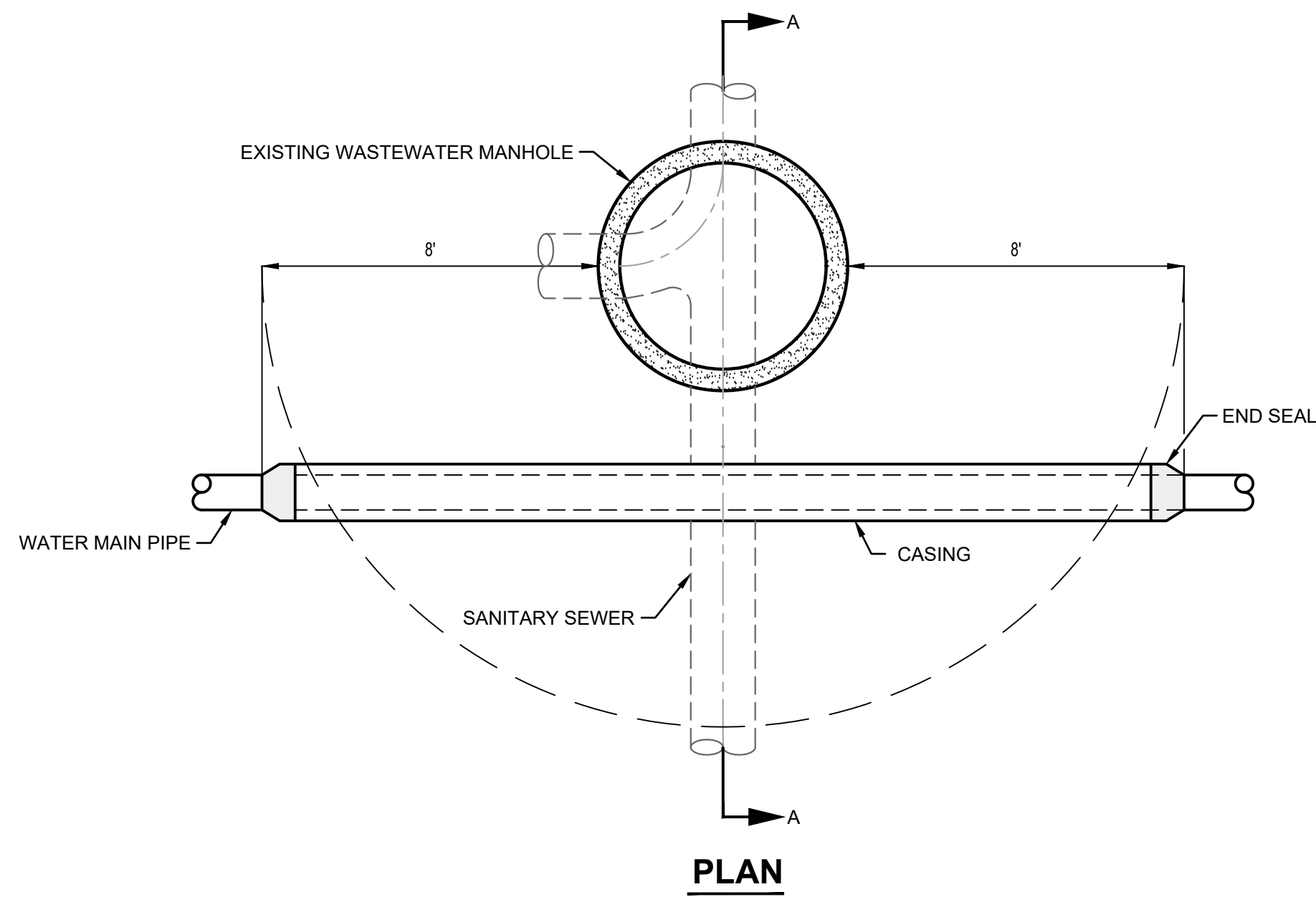
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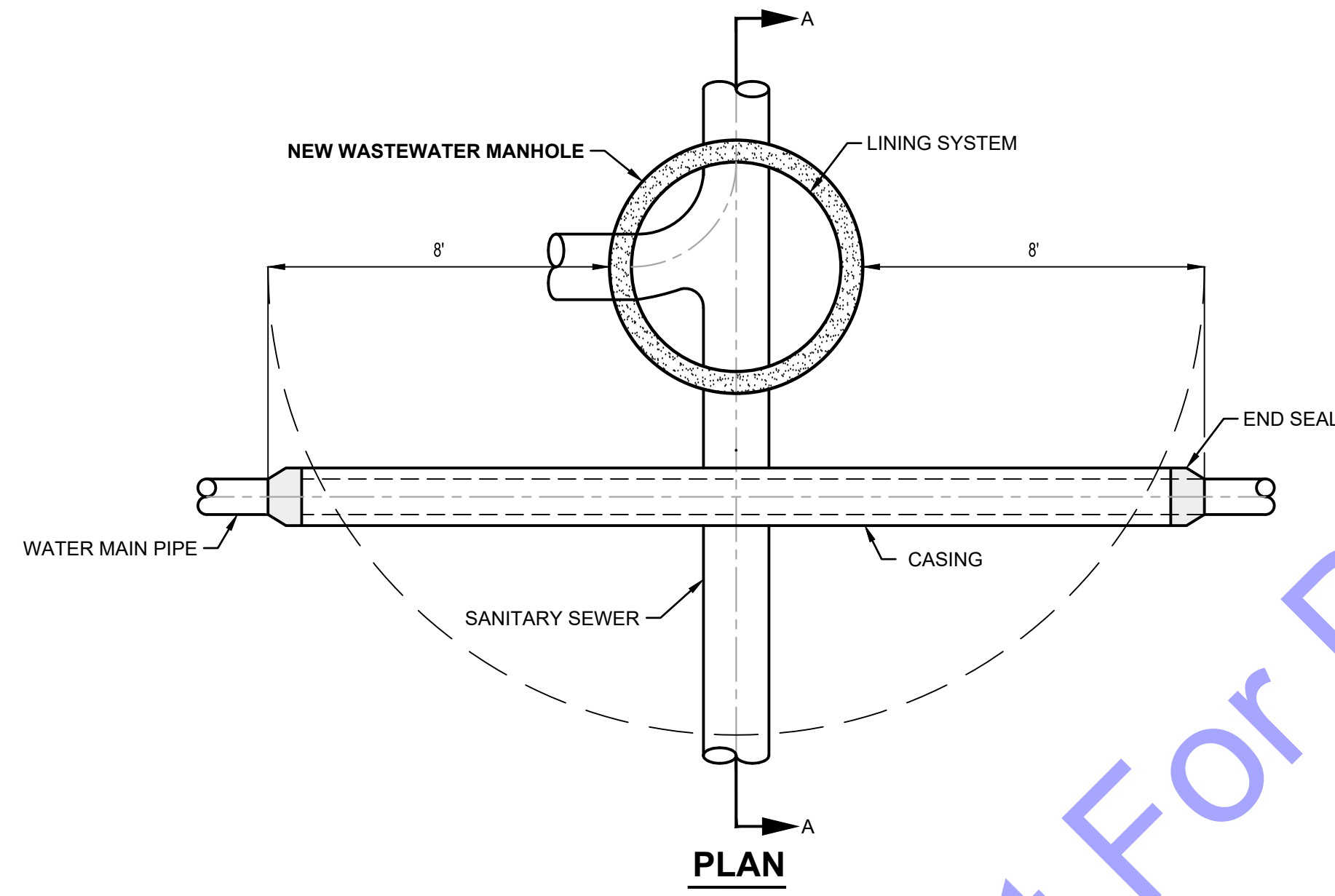
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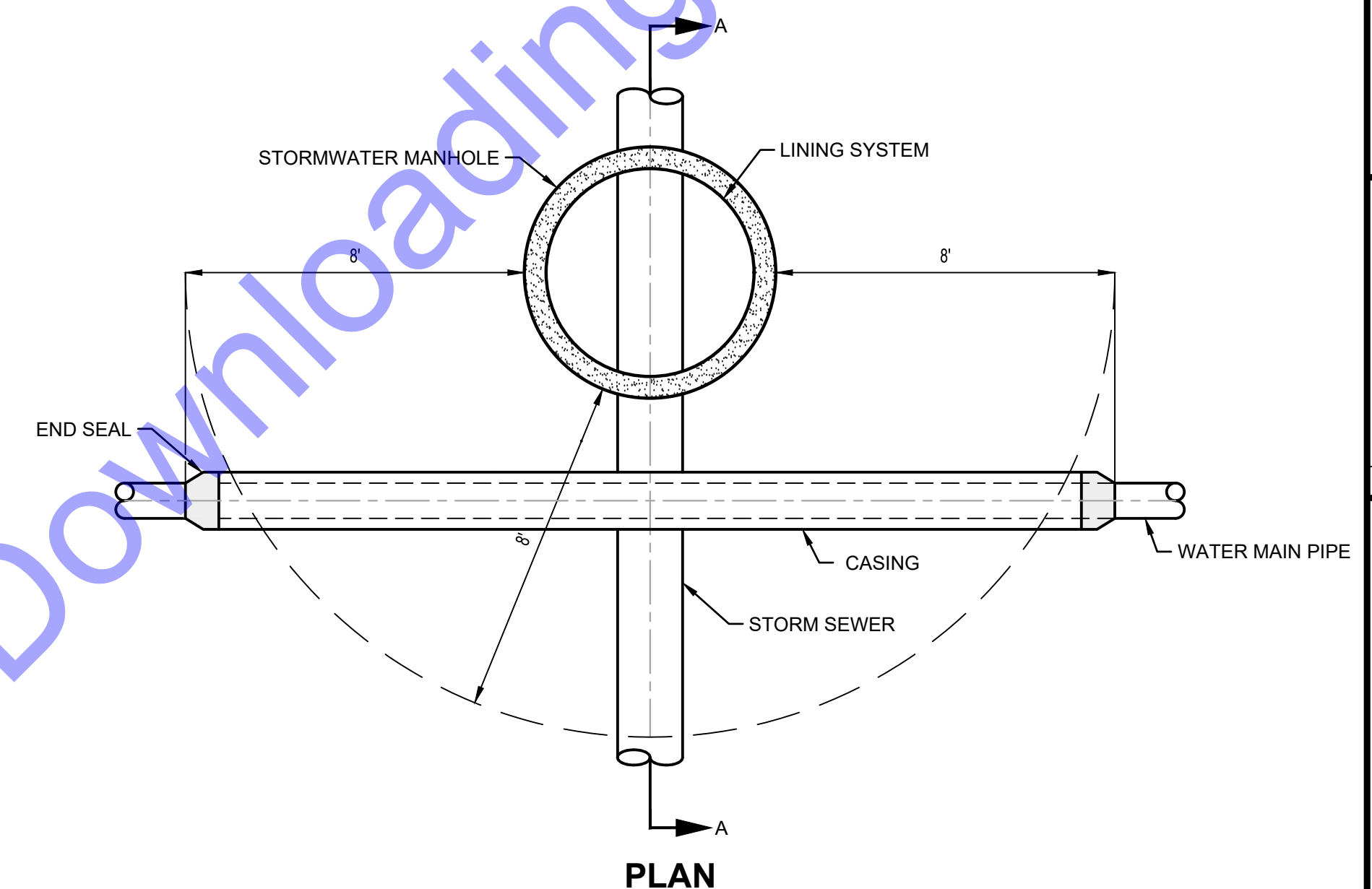
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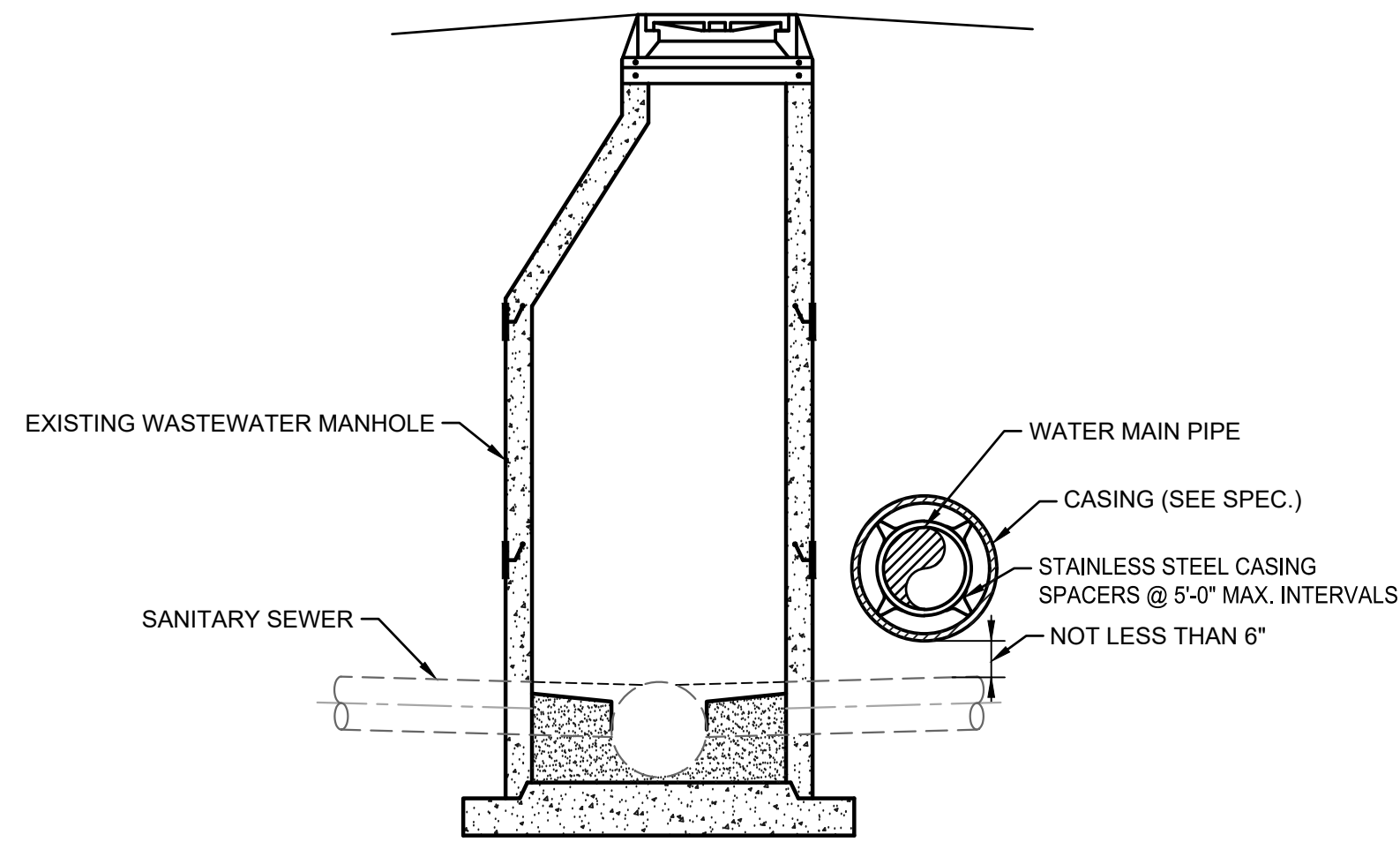
PLAN



PLAN

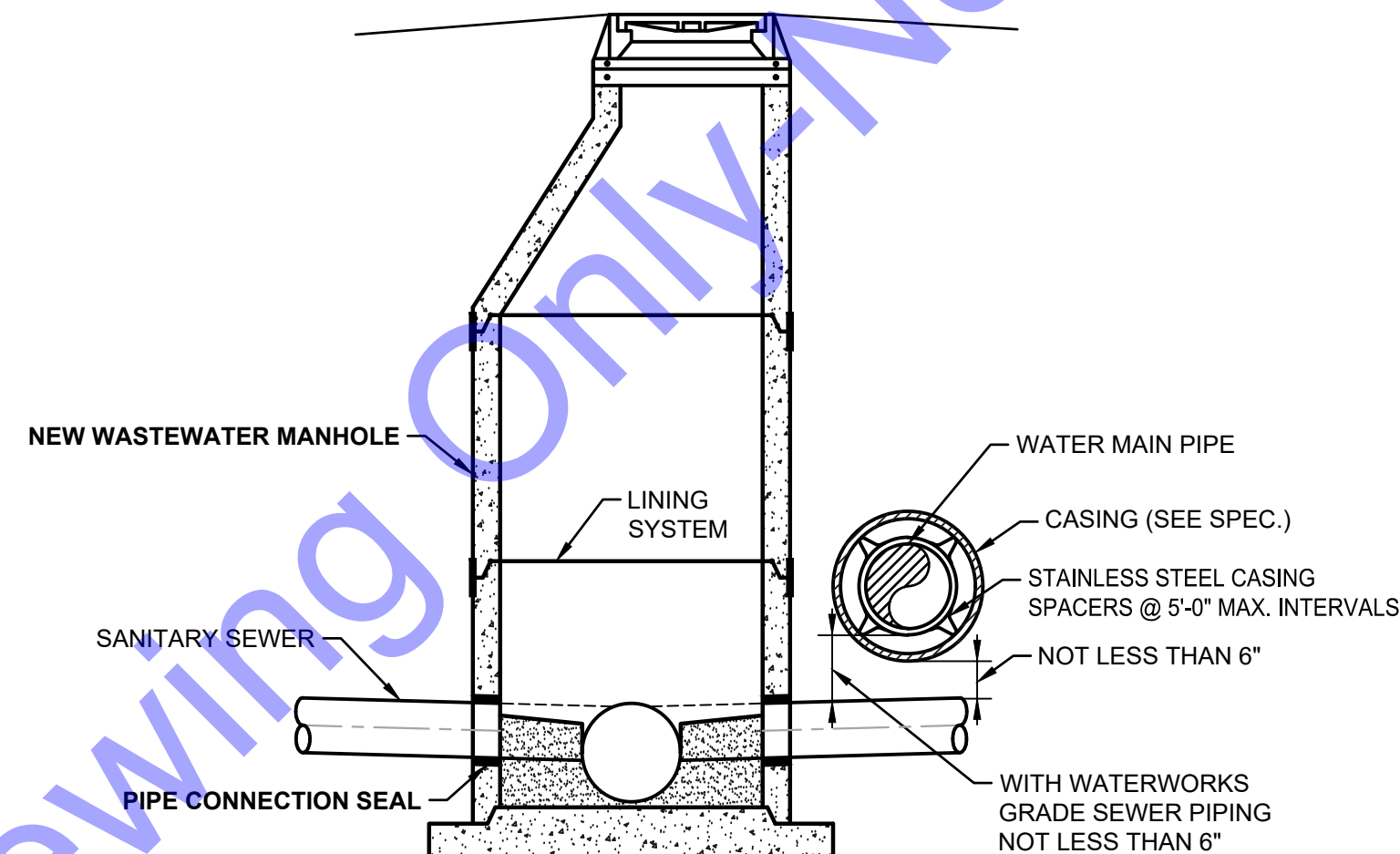


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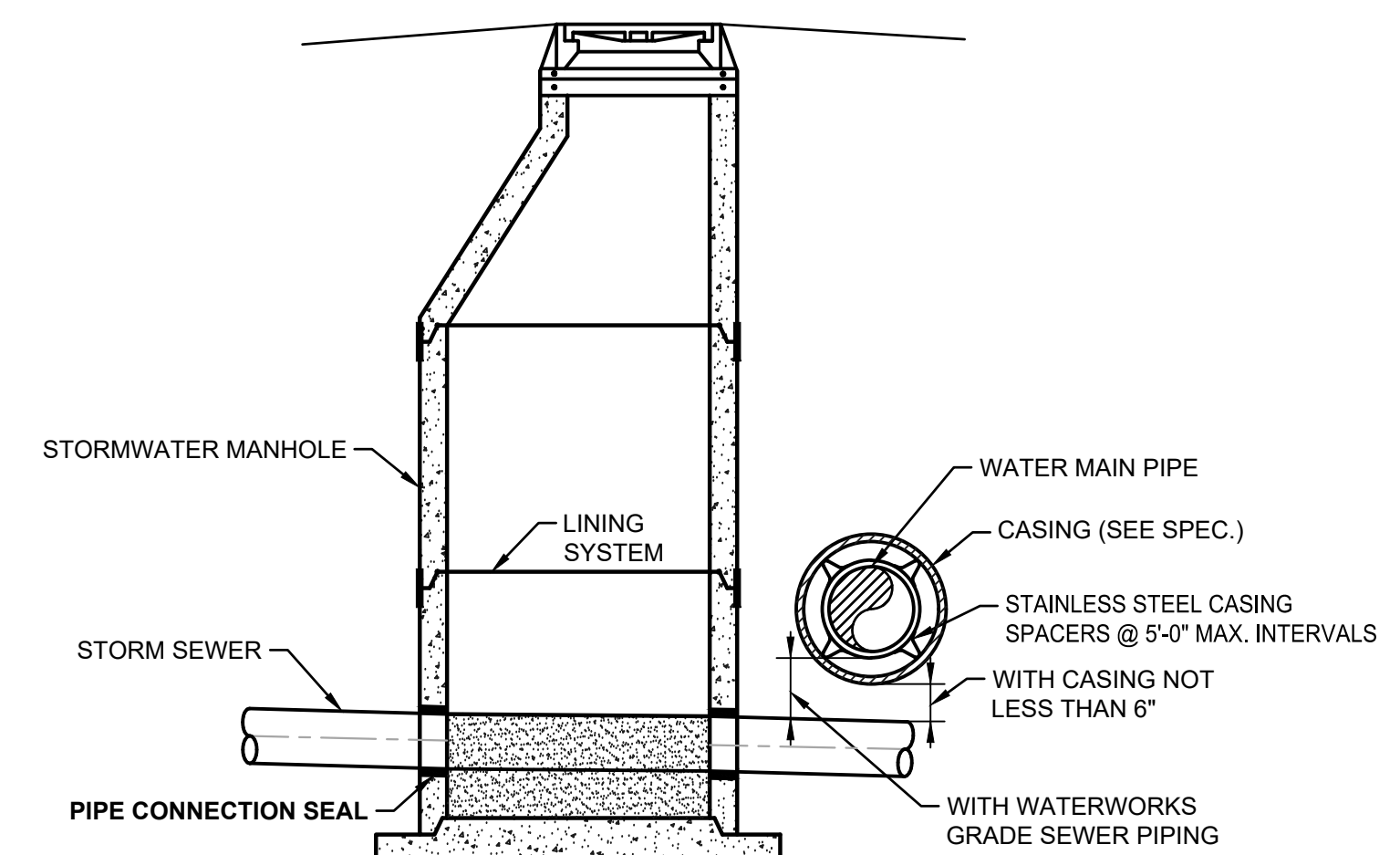
SECTION A

**WATER-HORIZONTAL SEPARATION
FROM EXISTING WASTEWATER MANHOLES**
NOT TO SCALE



SECTION A

**WATER-HORIZONTAL SEPARATION
FROM NEW WASTEWATER MANHOLES**
NOT TO SCALE



SECTION A

**WATER-HORIZONTAL SEPARATION
FROM STORMWATER MANHOLES**
NOT TO SCALE

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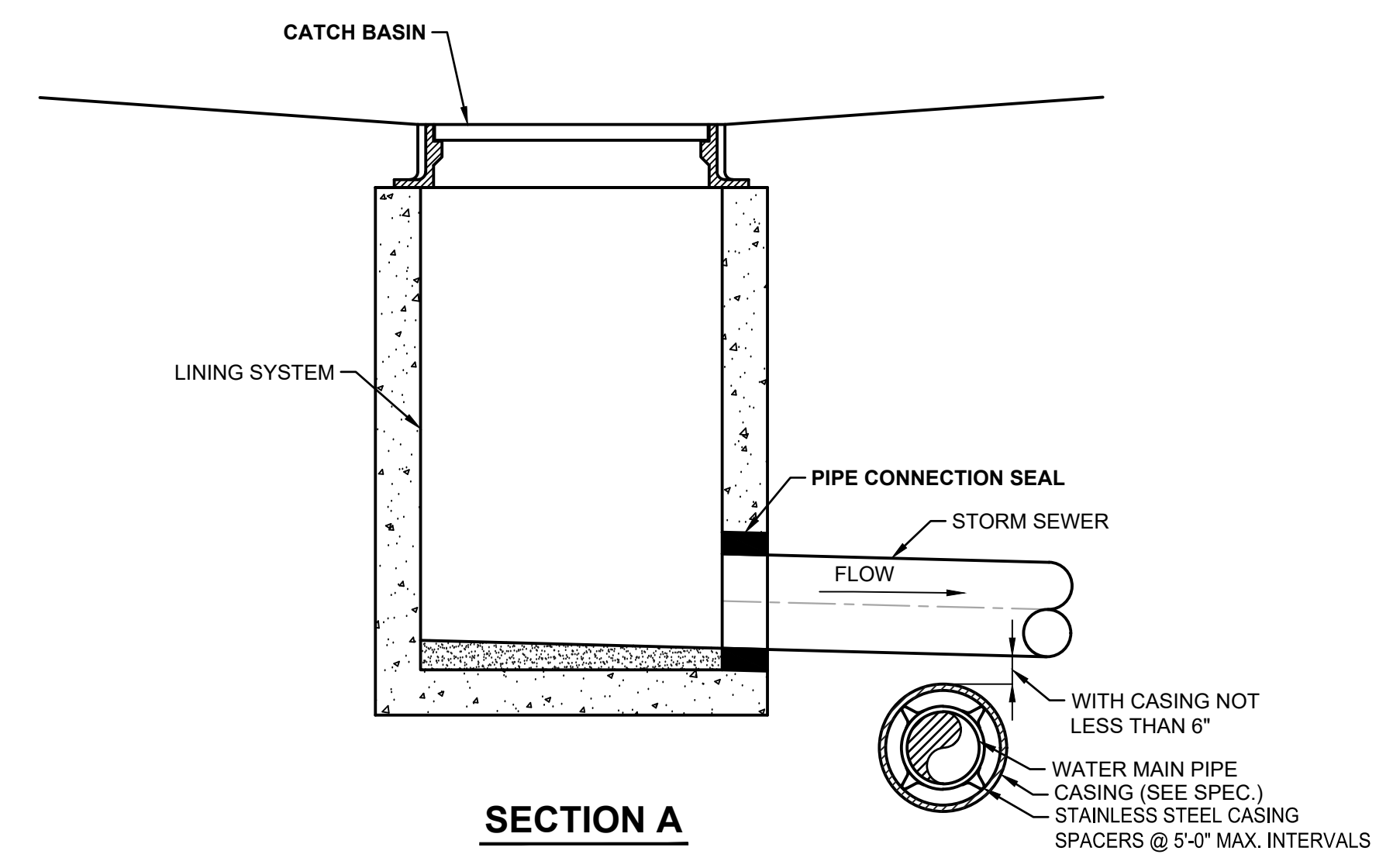
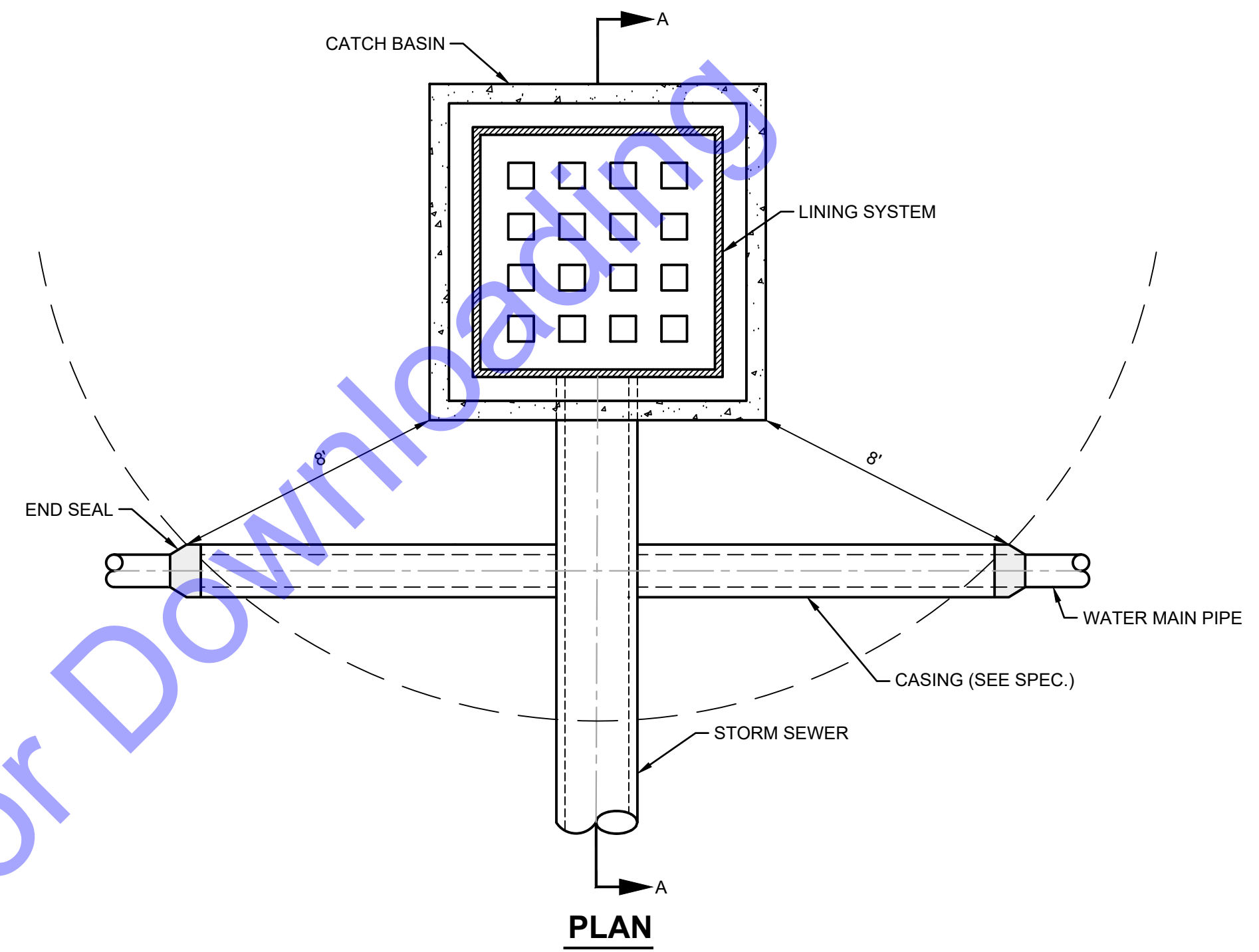
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MISCELLANEOUS
 DETAILS

Drawing No:
MD5
 Sheet: 45 OF 46

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**WATER-HORIZONTAL SEPARATION
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REGISTERED PROFESSIONAL ENGINEER
 No. 10000127
 STATE OF INDIANA

Signature: [Signature] Date: 9-6-24

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MD6
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