DEPARTMENT OF VETERANS AFFAIRS

DAYTON NATIONAL CEMETERY

4400 W THIRD STREET; DAYTON, OHIO 45428

CEMETERY EXPANSION WITH FCA DEFICIENCIES
VA PROJECT NO. 810-CM3-033

CONSULTANTS

PRIME CONSULTANT
ANDERSON ENGINEERING OF MN, LLC
PROJECT MANAGEMENT, CIVIL ENGINEERING, LANDSCAPE ARCHITECTURE, LAND SURVEYING, CEMETERY PLANNING, STRUCTURAL ENGINEERING, ELECTRICAL ENGINEERING, MECHANICAL ENGINEERING

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OCMI
COST ESTIMATOR

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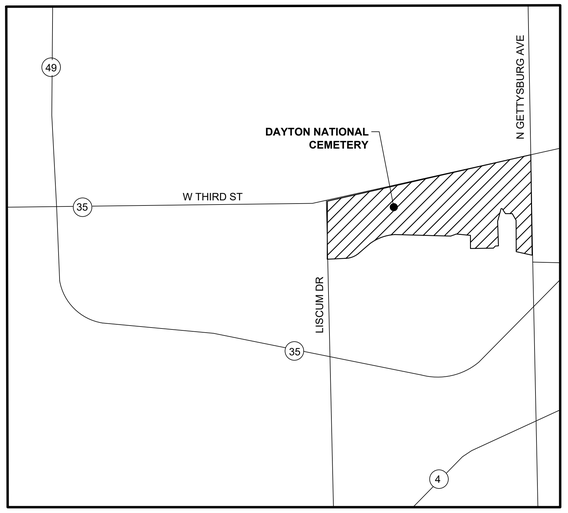
SITE DATA

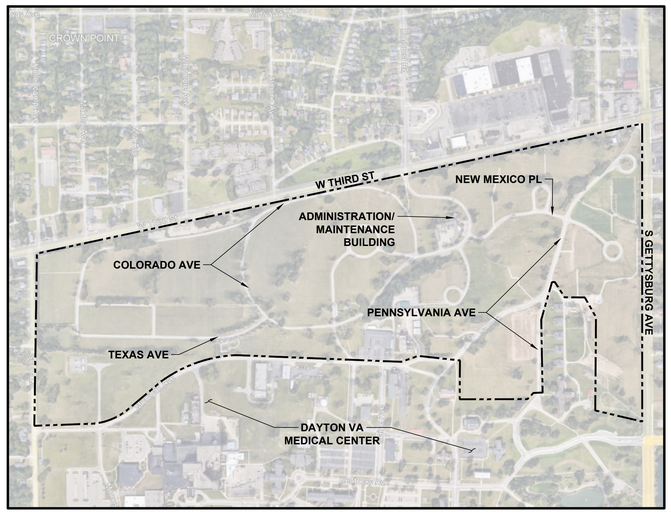
PROJECT:
Cemetery Expansion, FCA Deficiencies, Irrigation System Replacement, New Signage, Ornamental Fencing, Drainage Repair and Replace Fuel Tank

GRAVESITE SUMMARY:

	GRAVESITE EXPANSION						
		CASKET PLOTS		CREMAIN PLOTS			
SECTION NUMBER	PLOT SIZE	PPC	TRAD	IGC	NICHES	MEM. WALL	TOTAL GRAVESITES
MW1	-	-	-	-	-	154	154
COL. C	-	-	-	-	2,400	-	2,400
SEC. 48	3 x 8	1,421	-	-	-	-	1,421
SEC. 49	3 x 8	1,713	-	-	-	-	1,713
SEC. 50	3 x 8	1,369	-	-	-	-	1,369
SEC. 51	3 x 8	2,109	-	-	-	-	2,109
SEC. 52	3 x 8	883	-	-	-	-	883
SEC. 45	4 x 4	-	-	2,472	-	-	2,472
SEC. 33A	5 x 10	-	82	-	-	-	82
	SUBTOTAL:	7,495	82	2,472	2,400	154	12,603



1 SITE VICINITY MAP
SCALE: N.T.S.



2 SITE LOCATION MAP
SCALE: N.T.S.

BID DOCUMENTS

Revisions:	Date:

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Office of Design and Construction Services

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Drawing Title	Phase	Project Title	Project Number
COVER SHEET	BID DOCUMENTS	DAYTON NATIONAL CEMETERY GRAVESITE EXPANSION	810-CM3-033
Approved: Project Director		Location: 4400 W THIRD ST, DAYTON, OH 45428	Building Number: --
		Issue Date: FEBRUARY 5, 2026 / Checked: JAF / Drawn: KA	Drawing Number: GI001
			1 of 160

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GENERAL ABBREVIATIONS

AC	ACRES
B.O.	BOTTOM OF
C.A.B.	COMPACTED AGGREGATE BASE
CB	CATCH BASIN
CBMH	CATCH BASIN MANHOLE
C.I.P.	CAST IN PLACE
C&G	CURB AND GUTTER
CMU	CONCRETE MASONRY UNIT
CO	CLEAN OUT
DOM	DOMESTIC
EOF	EMERGENCY OVERFLOW
EQ.	EQUAL
EX.	EXISTING
FES	FLARED END SECTION
FFE	FINISHED FLOOR ELEVATION
HH	HAND HOLE
HT	HEIGHT
LF	LINEAR FEET
N.T.S	NOT TO SCALE
NWL	NORMAL WATER LEVEL
O.C.	ON CENTER
OCS	OUTLET CONTROL STRUCTURE
O.D.	OUTSIDE DIAMETER
PERF.	PERFORATED
PT	POINT
SEC.	SECTION
SS	STAINLESS STEEL
T.O.	TOP OF
TYP.	TYPICAL
U.N.O.	UNLESS NOTED OTHERWISE

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BID DOCUMENTS

Revisions:	Date:

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Drawing Title: SHEET INDEX	Phase: BID DOCUMENTS	Project Title: DAYTON NATIONAL CEMETERY GRAVESITE EXPANSION	Project Number: 810-CM3-033
Approved: Project Director		Location: 4400 W THIRD ST, DAYTON, OH 45428	Building Number: --
		Issue Date: FEBRUARY 5, 2026 / Checked: JAF / Drawn: KA	Drawing Number: GI002
			2 of 160

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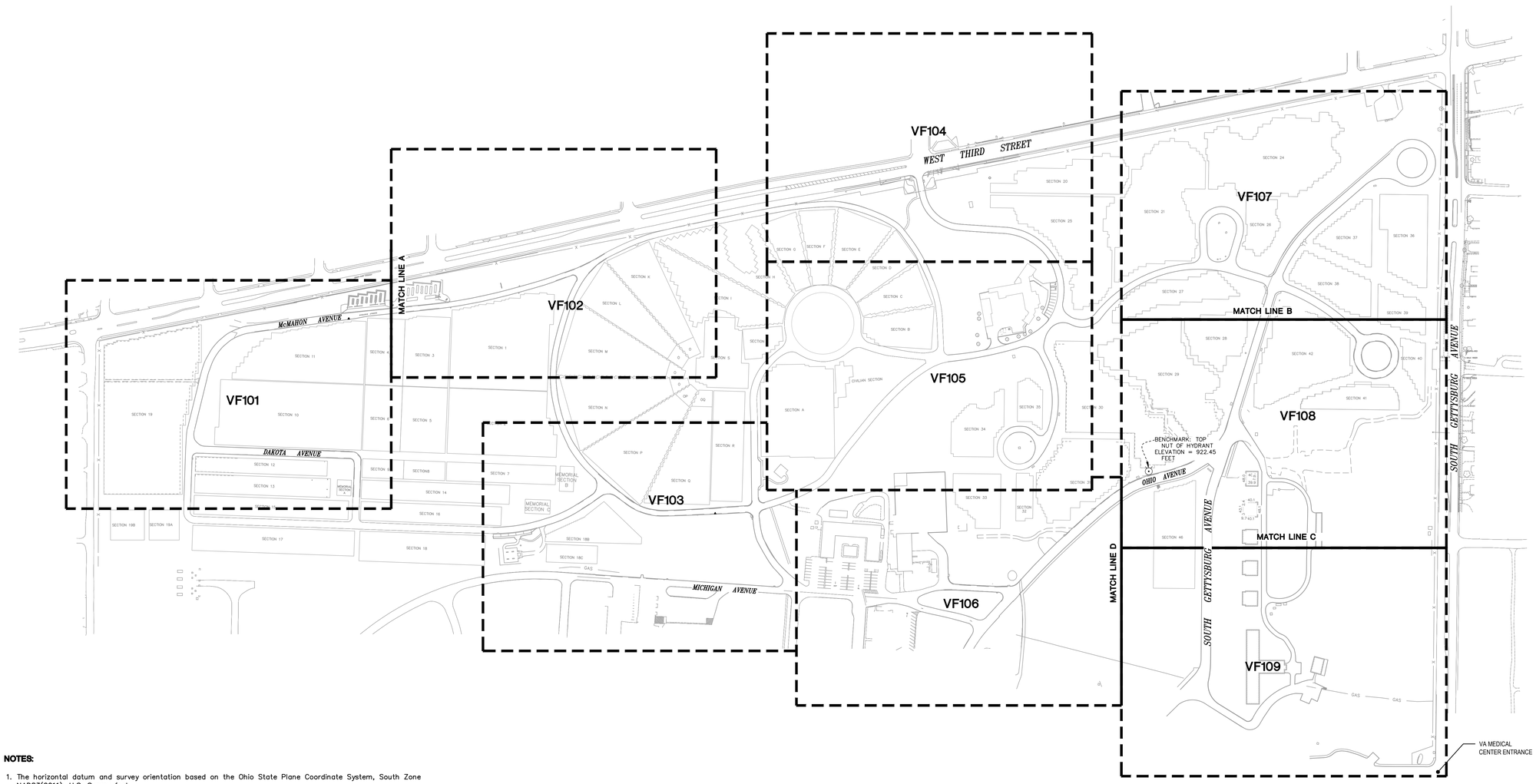

LEGEND

- AREA DRAIN
- CATCH BASIN
- CLEAN OUT
- CULVERT
- ELECTRIC BOX
- HANDHOLE COMMUNICATIONS
- HANDHOLE ELECTRIC
- HYDRANT
- IRRIGATION CONTROL BOX
- IRRIGATION CONTROL VALVE
- LIGHT POLE
- POWER POLE
- ROOF DRAIN
- SANITARY MANHOLE
- SEMAPHORE
- SIGN
- STORM MANHOLE
- TELEPHONE MANHOLE
- CONIFEROUS TREE
- DECIDUOUS TREE
- FENCE
- GAS MAIN
- OVERHEAD WIRES
- SANITARY SEWER
- STORM SEWER
- TELEPHONE
- UNDERGROUND ELECTRIC
- WATER MAIN
- WALL

0 150 300
SCALE IN FEET

N W E S

KEY MAP
N.T.S.

NOTES:

1. The horizontal datum and survey orientation based on the Ohio State Plane Coordinate System, South Zone NAD83(2011), U.S. Survey feet.
2. The vertical datum is NAVD 88. The site benchmark is the top nut of the hydrant located on the north side of Ohio Avenue (depicted on sheet 6). Elevation = 922.45 feet.
3. Survey areas collected by Anderson Engineering are depicted hereon, all other survey data shown was performed by Randall Miller & Associates in 2020.
4. Utilities as shown are based on above ground evidence. Exclusive of excavation, there is no guarantee as to the accuracy or the completeness of this information. The size and location should be considered approximate. Additional underground utilities may be present. In accordance with State Statute, the location of utilities shall be confirmed prior to any demolition or construction.
5. The tree information shown hereon was collected during the field survey by non-forestry trained Anderson Engineering of Minnesota survey personnel. Tree sizes are estimates and locations are accurate to plus or minus three feet.

BID DOCUMENTS

Revisions: Date:

CONSULTANTS

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STATE OF OHIO
ADAM THIELE
E-92244
REGISTERED
PROFESSIONAL ENGINEER

Office of Design and Construction Services

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Drawing Title: EXISTING CONDITIONS SURVEY - OVERALL	Phase: BID DOCUMENTS	Project Title: DAYTON NATIONAL CEMETERY GRAVESITE EXPANSION	Project Number: 810-CM3-033
Approved: Project Director			Building Number: --
		Location: 4400 W THIRD ST, DAYTON, OH 45428	Drawing Number: VF100
		Issue Date: FEBRUARY 5, 2026 / Checked: NH / Drawn: DO	3 of 160

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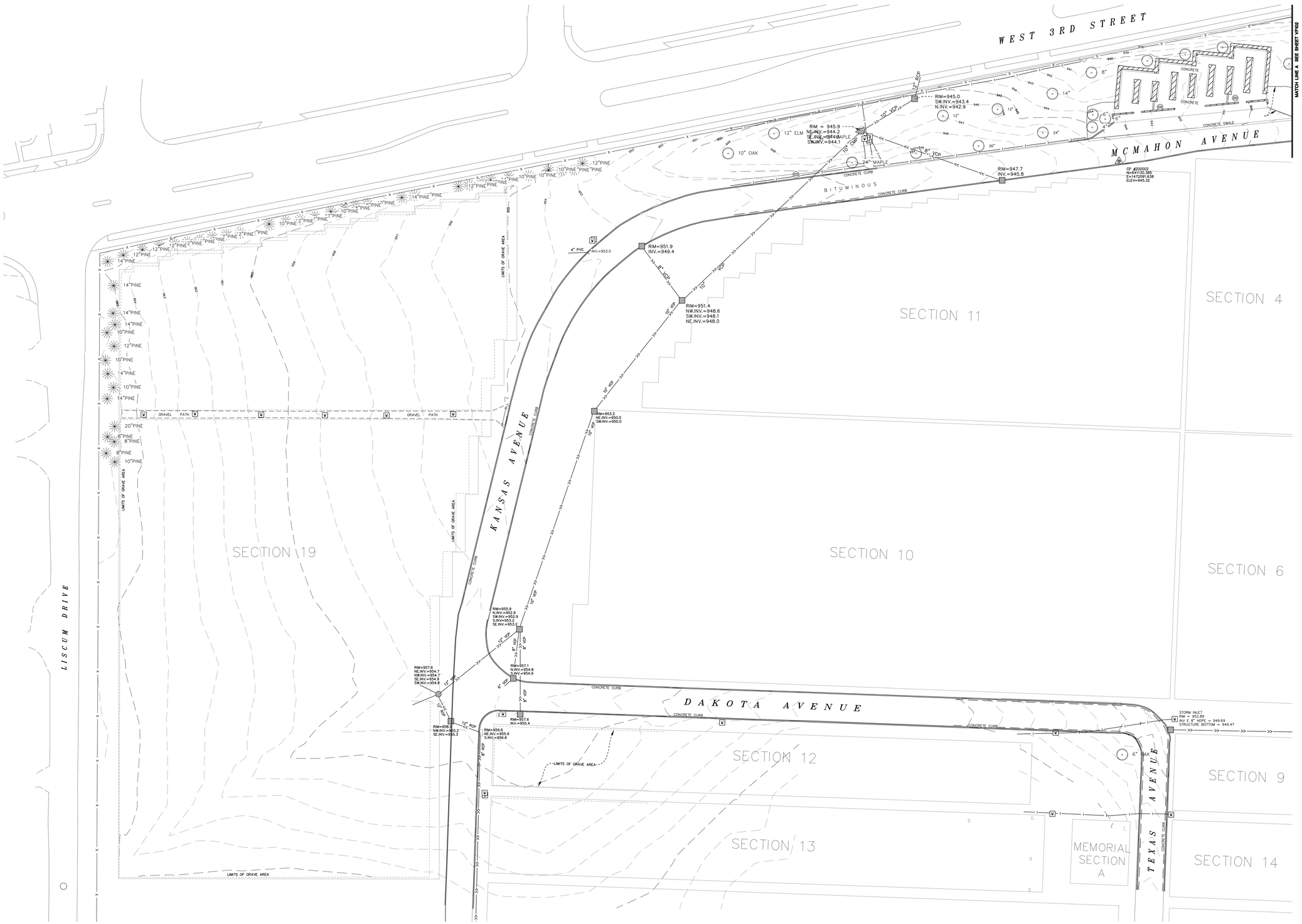

LEGEND

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- OVERHEAD WIRES
- SANITARY SEWER
- STORM SEWER
- TELEPHONE
- UNDERGROUND ELECTRIC
- UNDERGROUND UTILITY
- WATER MAIN
- WALL
- CONTOUR

BID DOCUMENTS

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STATE OF OHIO
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E-92244
REGISTERED
PROFESSIONAL ENGINEER

Office of Design and Construction Services

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
EXISTING CONDITIONS SURVEY 1	BID DOCUMENTS	DAYTON NATIONAL CEMETERY GRAVESITE EXPANSION	810-CM3-033
Approved: Project Director		Location: 4400 W THIRD ST, DAYTON, OH 45428	Building Number: --
		Issue Date: FEBRUARY 5, 2026 / Checked: NH / Drawn: DO	Drawing Number: VF101 — 4 of 160

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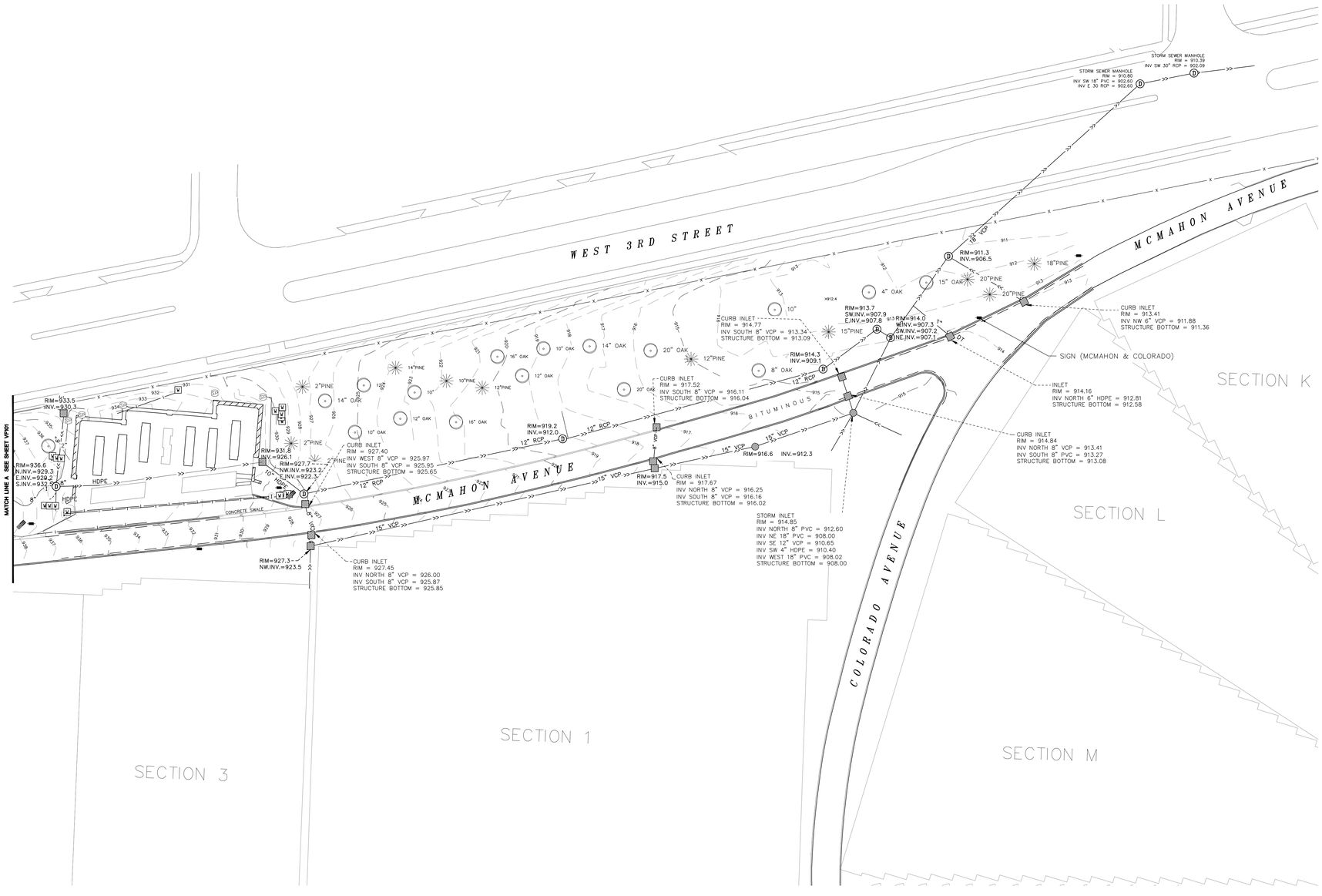

LEGEND

- AREA DRAIN
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0 30 60
SCALE IN FEET

N W E S

KEY MAP
N.T.S.

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Revisions:	Date:

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Office of Design and Construction Services

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
EXISTING CONDITIONS SURVEY 2	BID DOCUMENTS	DAYTON NATIONAL CEMETERY GRAVESITE EXPANSION	810-CM3-033
Approved: Project Director		Location: 4400 W THIRD ST, DAYTON, OH 45428	Building Number: --
		Issue Date: FEBRUARY 5, 2026 / Checked: NH / Drawn: DO	Drawing Number: VF102
			5 of 160

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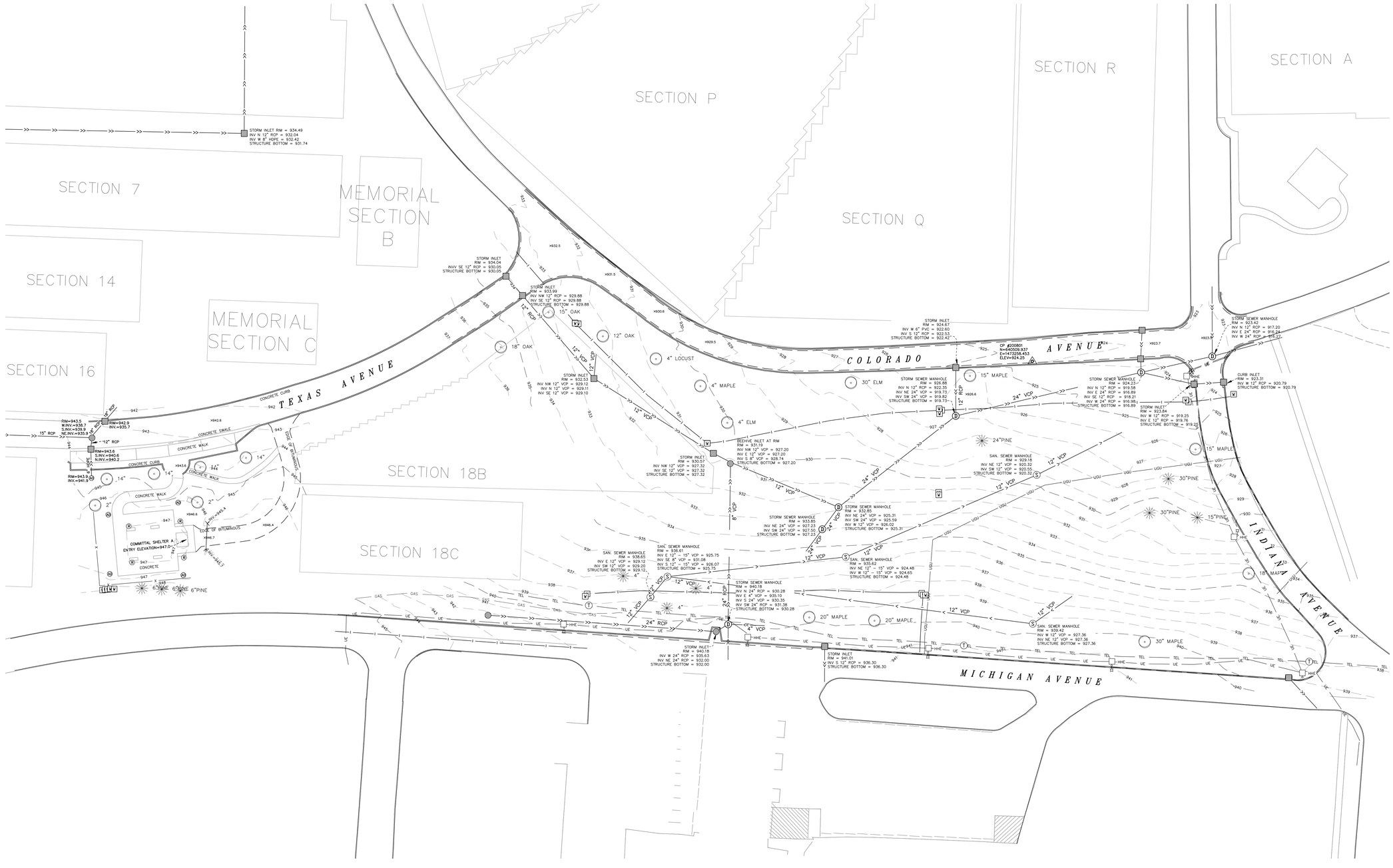
VA FORM 08 - 6231



LEGEND

- AREA DRAIN
- CATCH BASIN
- CLEAN OUT
- CULVERT
- ELECTRIC BOX
- HANDHOLE COMMUNICATIONS
- HANDHOLE ELECTRIC
- HYDRANT
- IRRIGATION CONTROL BOX
- IRRIGATION CONTROL VALVE
- LIGHT POLE
- POWER POLE
- ROOF DRAIN
- SANITARY MANHOLE
- SEMAPHORE
- SIGN
- STORM MANHOLE
- TELEPHONE MANHOLE
- CONIFEROUS TREE
- DECIDUOUS TREE
- FENCE
- GAS MAIN
- OVERHEAD WIRES
- SANITARY SEWER
- STORM SEWER
- TELEPHONE
- UNDERGROUND ELECTRIC
- UNDERGROUND UTILITY
- WATER MAIN
- WALL
- CONTOUR

SCALE IN FEET: 0 30 60

N W E S

KEY MAP
N.T.S.

BID DOCUMENTS

Revisions:	Date:

CONSULTANTS

IRRIGATION	GEOTECHNICAL	COST ESTIMATING
WATER IN MOTION, INC.	**TERRACON**	**OCMI**
175 James Avenue North Minneapolis, MN 55405 952.229.1911	611 Lunken Park Drive Cincinnati, Ohio 45226 513.612.9020	2100 North Greenville Ave. Richardson, Texas 75082 469.431.0571
TIMOTHY MALOOLY	**JEFF DUNLAP, PE**	**KYLE VEATER**

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Drawing Title	Phase	Project Title	Project Number
EXISTING CONDITIONS SURVEY 3	BID DOCUMENTS	DAYTON NATIONAL CEMETERY GRAVESITE EXPANSION	810-CM3-033
Approved: Project Director		Location: 4400 W THIRD ST, DAYTON, OH 45428	Building Number: --
		Issue Date: FEBRUARY 5, 2026 / Checked: NH / Drawn: DO	Drawing Number: VF103 — 6 of 160

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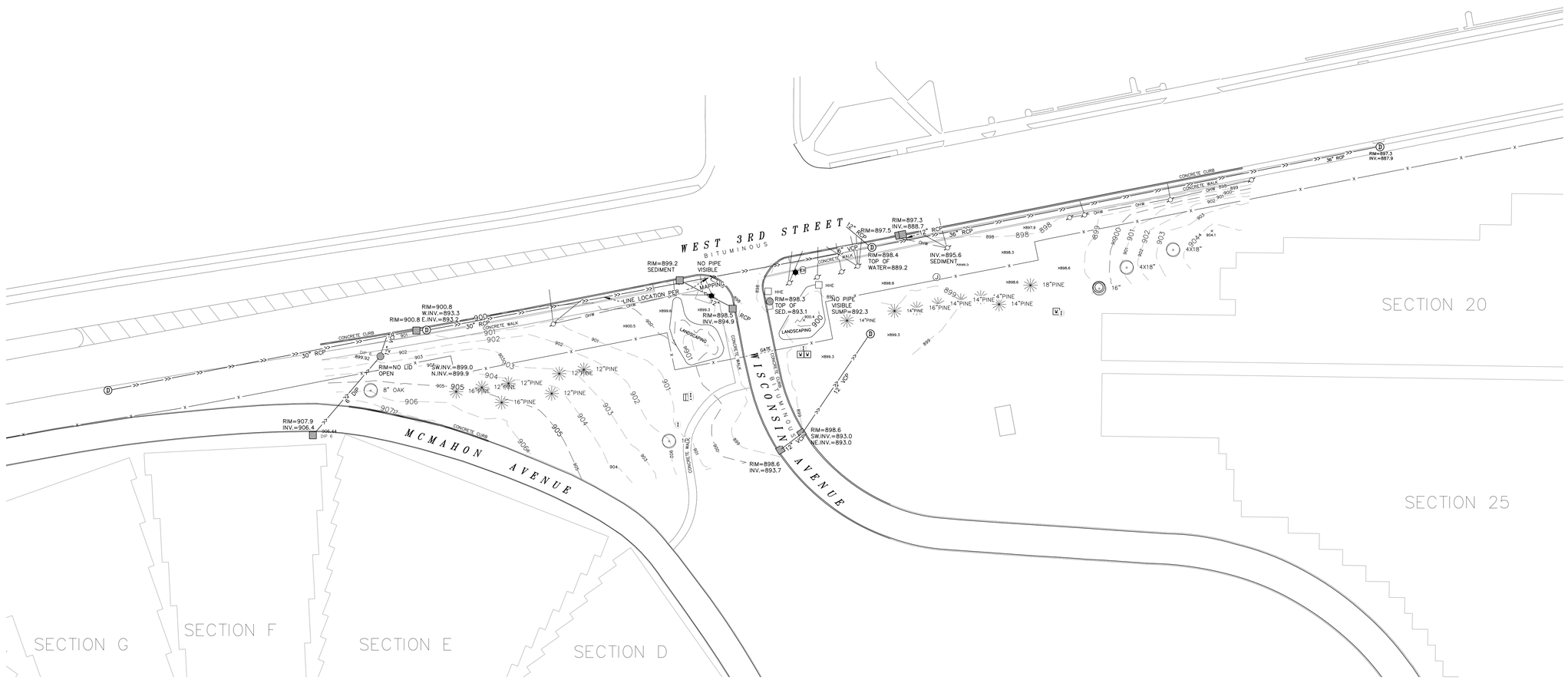
VA FORM 08 - 6231



LEGEND

- AREA DRAIN
- CATCH BASIN
- CLEAN OUT
- CULVERT
- ELECTRIC BOX
- HANDHOLE COMMUNICATIONS
- HANDHOLE ELECTRIC
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- UNDERGROUND ELECTRIC
- UNDERGROUND UTILITY
- WATER MAIN
- WALL
- CONTOUR

0 30 60
SCALE IN FEET

N W E S

KEY MAP
N.T.S.

BID DOCUMENTS

Revisions:	Date:

CONSULTANTS

IRRIGATION	GEOTECHNICAL	COST ESTIMATING
WATER IN MOTION, INC.	**TERRACON**	**OCMI**
175 James Avenue North Minneapolis, MN 55405 952.229.1911	611 Lunken Park Drive Cincinnati, Ohio 45226 513.612.9020	2100 North Greenville Ave. Richardson, Texas 75082 469.431.0571
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Drawing Title: EXISTING CONDITIONS SURVEY 4

Approved: Project Director

Phase: BID DOCUMENTS

Project Title: DAYTON NATIONAL CEMETERY GRAVESITE EXPANSION

Location: 4400 W THIRD ST, DAYTON, OH 45428

Issue Date: FEBRUARY 5, 2026

Checked: NH

Drawn: DO

Project Number: 810-CM3-033

Building Number: --

Drawing Number: VF104

7 of 160

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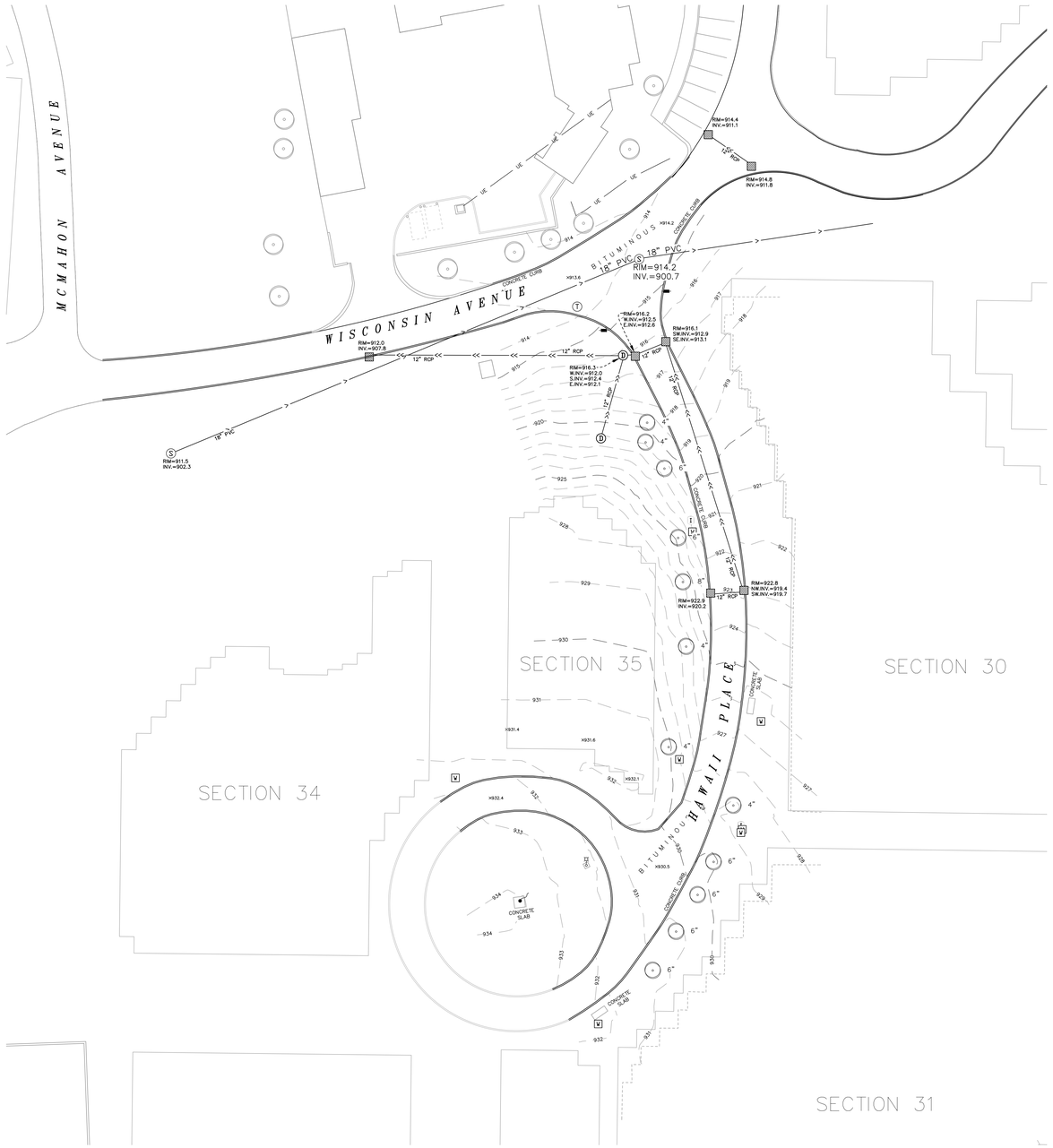
VA FORM 08 - 6231



LEGEND

- AREA DRAIN
- CATCH BASIN
- CLEAN OUT
- CULVERT
- ELECTRIC BOX
- HANDHOLE COMMUNICATIONS
- HANDHOLE ELECTRIC
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- UNDERGROUND UTILITY
- WATER MAIN
- WALL
- CONTOUR

SCALE IN FEET 0 30 60

N W E S

KEY MAP
N.T.S.

BID DOCUMENTS

Revisions: Date:

CONSULTANTS

IRRIGATION	GEOTECHNICAL	COST ESTIMATING
WATER IN MOTION, INC.	**TERRACON**	**OCMI**
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Drawing Title	EXISTING CONDITIONS SURVEY 5
Phase	BID DOCUMENTS
Approved: Project Director	
Project Title	DAYTON NATIONAL CEMETERY GRAVESITE EXPANSION
Project Number	810-CM3-033
Building Number	--
Location	4400 W THIRD ST, DAYTON, OH 45428
Issue Date	FEBRUARY 5, 2026
Checked	NH
Drawn	DO
Drawing Number	VF105
	8 of 160

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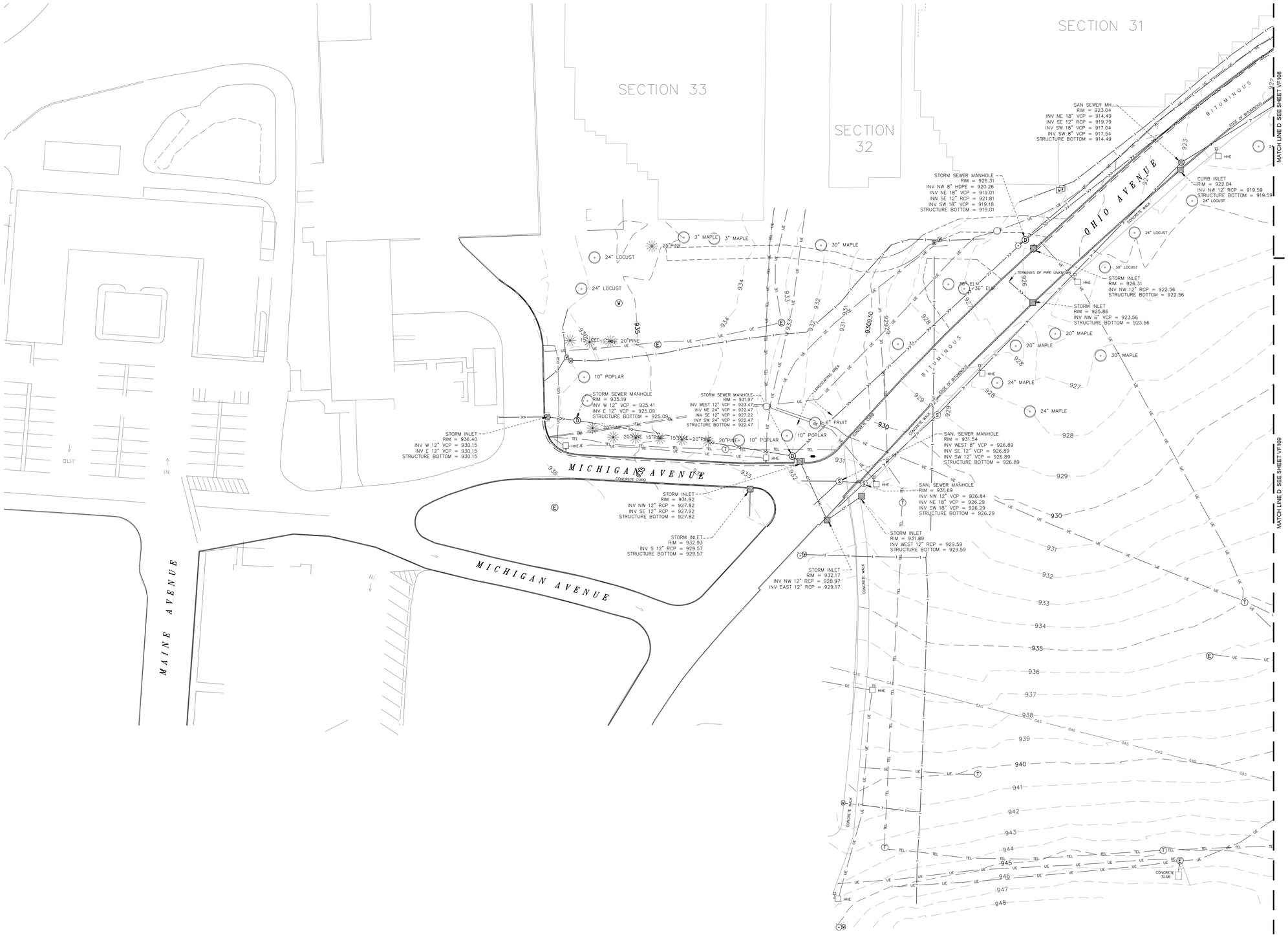

LEGEND

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- CATCH BASIN
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0 30 60
SCALE IN FEET

N W E S

KEY MAP
N.T.S.

BID DOCUMENTS

Revisions:	Date:

CONSULTANTS

IRRIGATION	GEOTECHNICAL	COST ESTIMATING
WATER IN MOTION, INC.	**TERRACON**	**OCMI**
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Drawing Title	Phase	Project Title	Project Number
EXISTING CONDITIONS SURVEY 6	BID DOCUMENTS	DAYTON NATIONAL CEMETERY GRAVESITE EXPANSION	810-CM3-033
Approved: Project Director		Location: 4400 W THIRD ST, DAYTON, OH 45428	Building Number: --
		Issue Date: FEBRUARY 5, 2026 / Checked: NH / Drawn: DO	Drawing Number: VF106
			9 of 160

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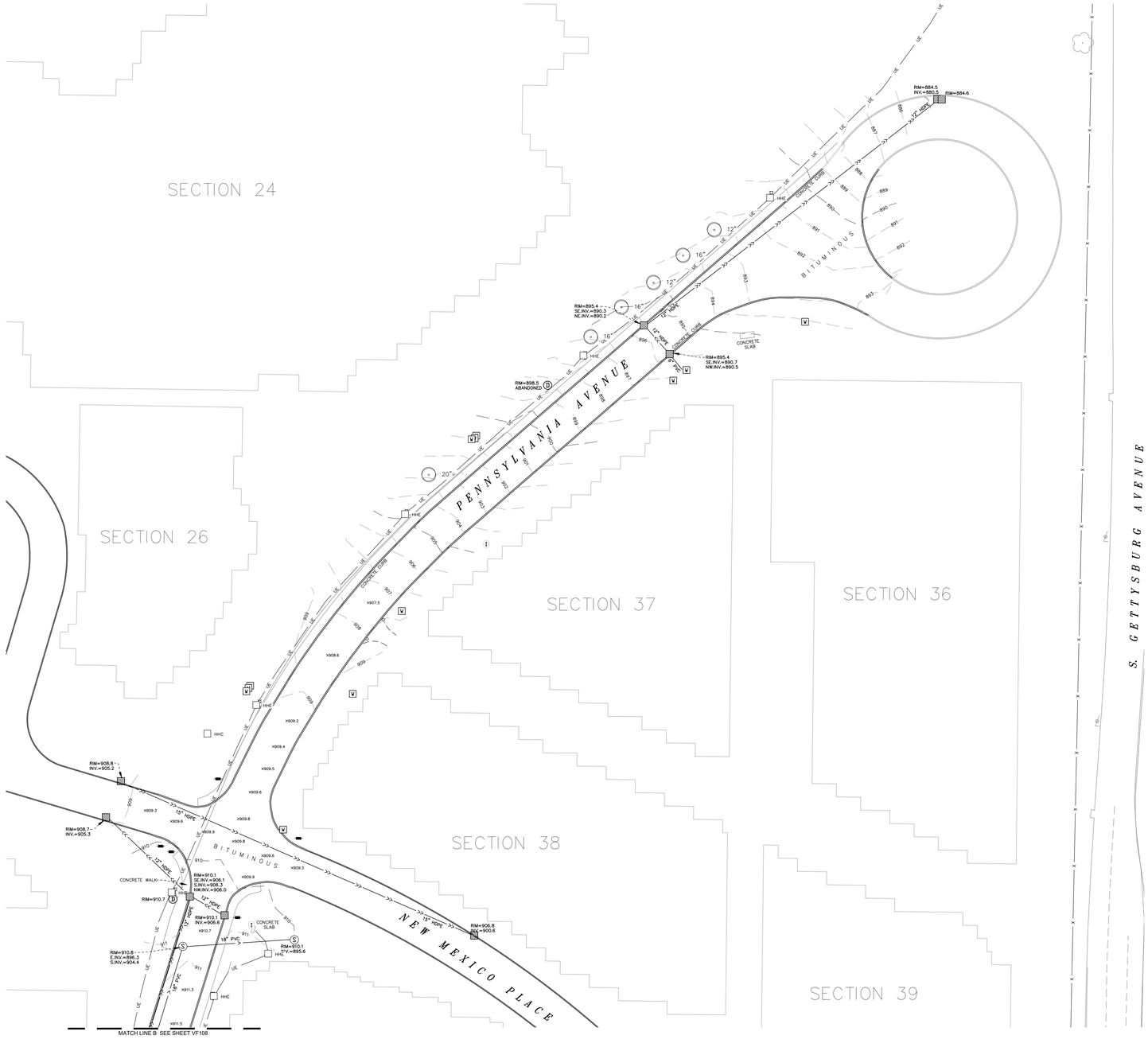

LEGEND

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0 30 60
SCALE IN FEET

N W E S

KEY MAP
N.T.S.

BID DOCUMENTS

Revisions:	Date:

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IRRIGATION	GEOTECHNICAL	COST ESTIMATING
WATER IN MOTION, INC.	**TERRACON**	**OCMI**
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Drawing Title	Phase	Project Title	Project Number
EXISTING CONDITIONS SURVEY 7	BID DOCUMENTS	DAYTON NATIONAL CEMETERY GRAVESITE EXPANSION	810-CM3-033
Approved: Project Director			Building Number --
		Location: 4400 W THIRD ST, DAYTON, OH 45428	Drawing Number
		Issue Date: FEBRUARY 5, 2026 / Checked: NH / Drawn: DO	VF107 10 of 160

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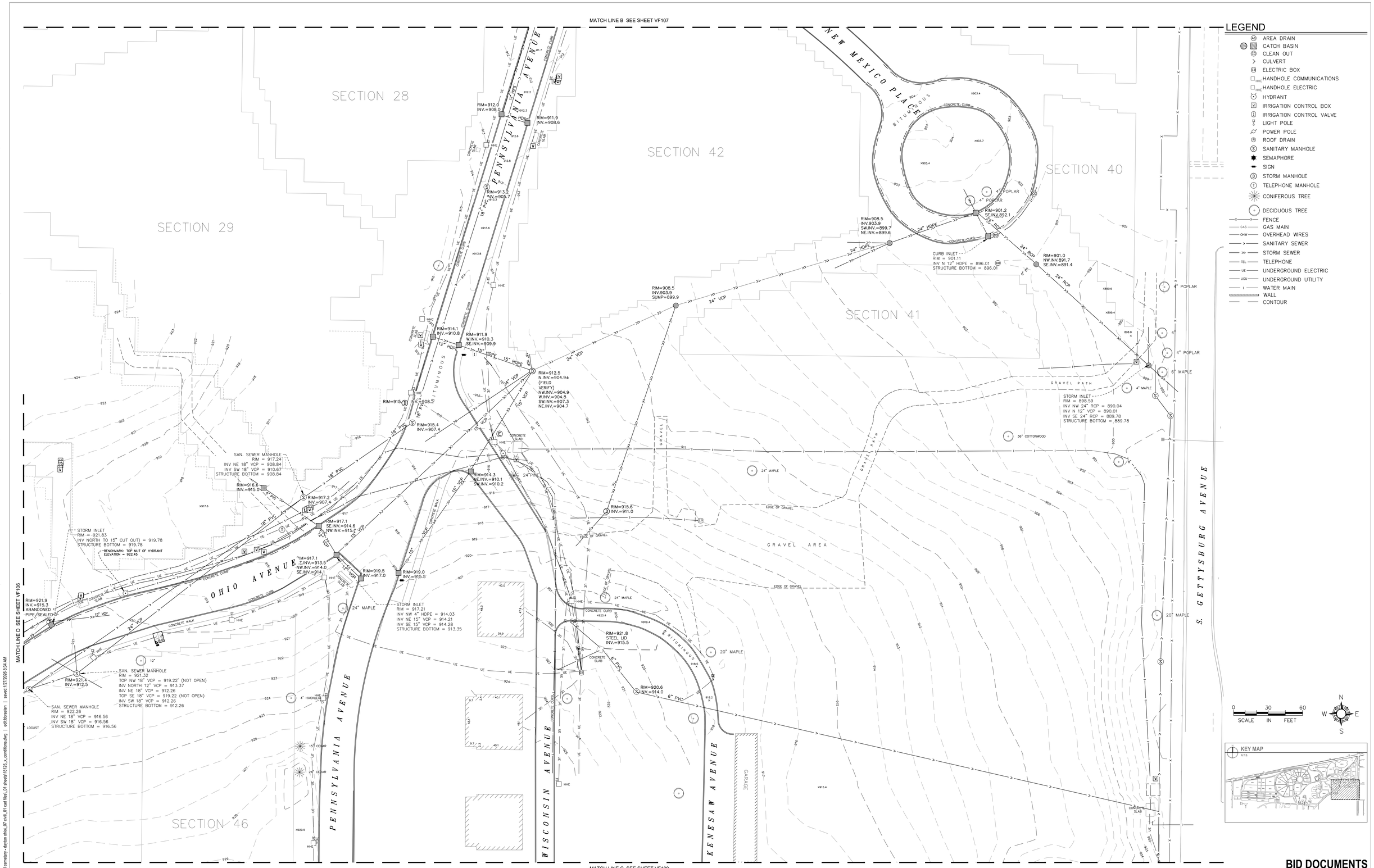
VA FORM 08 - 6231



LEGEND

- AREA DRAIN
- CATCH BASIN
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- TELEPHONE
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- UNDERGROUND UTILITY
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- CONTOUR

BID DOCUMENTS

Revisions: | Date:

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IRRIGATION	GEOTECHNICAL	COST ESTIMATING
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Drawing Title	EXISTING CONDITIONS SURVEY 8
Phase	BID DOCUMENTS
Project Title	DAYTON NATIONAL CEMETERY GRAVESITE EXPANSION
Project Number	810-CM3-033
Building Number	--
Approved: Project Director	
Location	4400 W THIRD ST, DAYTON, OH 45428
Issue Date	FEBRUARY 5, 2026
Checked	NH
Drawn	DO
Drawing Number	VF108
	11 of 160

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VA FORM 08 - 6231

LEGEND

- AREA DRAIN
- CATCH BASIN
- CLEAN OUT
- CULVERT
- ELECTRIC BOX
- HANDHOLE COMMUNICATIONS
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- UNDERGROUND UTILITY
- WATER MAIN
- WALL
- CONTOUR

NOTES

ALL ROADS ASPHALT UNLESS NOTED OTHERWISE

0 30 60
SCALE IN FEET

N W E S

KEY MAP
N.T.S.

BID DOCUMENTS

Revisions:	Date:

CONSULTANTS

IRRIGATION	GEOTECHNICAL	COST ESTIMATING
WATER IN MOTION, INC.	**TERRACON**	**OCMI**
175 James Avenue North Minneapolis, MN 55405 952.228.1911	611 Lunken Park Drive Cincinnati, Ohio 45226 513.612.9020	2100 North Greenville Ave. Richardson, Texas 75082 469.431.0571
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Drawing Title	Phase	Project Title	Project Number
EXISTING CONDITIONS SURVEY 9	BID DOCUMENTS	DAYTON NATIONAL CEMETERY GRAVESITE EXPANSION	810-CM3-033
Approved: Project Director			Building Number: --
		Location: 4400 W THIRD ST, DAYTON, OH 45428	Drawing Number: VF109
		Issue Date: FEBRUARY 5, 2026 / Checked: NH / Drawn: DO	12 of 160

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