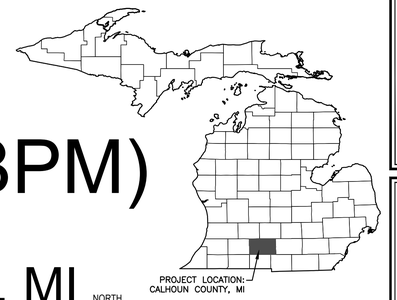
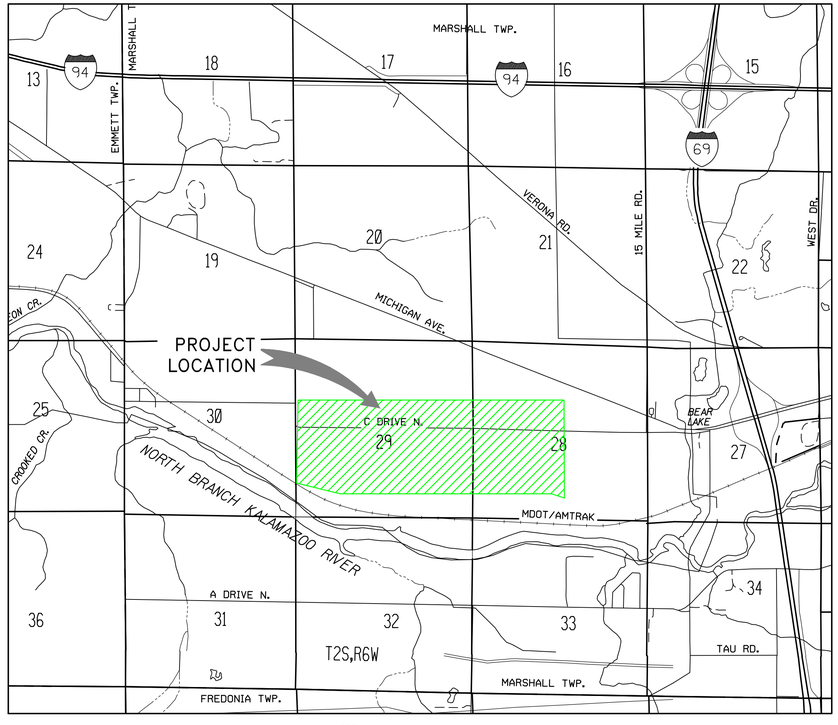
SITE PLAN APPROVAL SET
FOR
PROJECT HICKORY
BLUEOVAL BATTERY PARK MICHIGAN (BOBPM)
13700 WEST MICHIGAN AVENUE
SECTION 20,28,29, T2S, R6W, MARSHALL TWP., CALHOUN CO., MI



NORTH

KEY MAP
NOT TO SCALE

CONTACTS	
CLIENT	FORD MOTOR COMPANY 17000 ROTUNDA DR, 1ST FLOOR S. DEARBORN, MI 48120
ARCHITECT	SSOE GROUP 1050 WILSHIRE DR. STE. 260, TROY, MI JOHN HEIDT JHEIDT@SSOE.COM
ELECTRIC	CONSUMERS ENERGY BRENDA BRACE BRENDA.BRACE@CMSENERGY.COM
SURFACE WATER MANAGEMENT	CITY OF MARSHALL – STORMWATER MARGUERITE DAVENPORT, PE 269–781–5183 MDAVENPORT@CITYOFMARSHALL.COM
SOIL EROSION CONTROL	CALHOUN COUNTY ROAD DEPARTMENT 13300 15 MILE RD., MARSHALL, MI 269–781–9841
MUNICIPALITY	CITY OF MARSHALL – PUBLIC SERVICES MARGUERITE DAVENPORT, PE 269–781–5183 MDAVENPORT@CITYOFMARSHALL.COM



NORTH

LOCATION MAP
NOT TO SCALE

FORD MOTOR COMPANY PARCEL
LEGAL DESCRIPTION OF LAND
LOCATED IN SECTIONS 20, 28, & 29, T2S, R6W,
MARSHALL TOWNSHIP, CALHOUN COUNTY, MICHIGAN

BEGINNING AT THE W 1/4 CORNER OF SECTION 29, T2S, R6W, MARSHALL TOWNSHIP, CALHOUN COUNTY, MICHIGAN,

THENCE S 89°58'17" E 33.00 FEET ALONG THE E–W 1/4 LINE OF SAID SECTION 29 TO THE EAST RIGHT–OF–WAY LINE OF 13 MILE ROAD;
THENCE N 00°22'04" E 874.12 FEET ALONG SAID EAST RIGHT–OF–WAY LINE;
THENCE N 90°00'00" E 7930.48 FEET;
THENCE S 00°20'34" E 973.87 FEET ALONG THE N–S 1/4 LINE OF SECTION 28, T2S, R6W, MARSHALL TOWNSHIP, CALHOUN COUNTY, MICHIGAN TO THE CENTER OF SAID SECTION 28;
THENCE S 00°08'50" E 1947.49 FEET ALONG THE N–S 1/4 LINE OF SAID SECTION 28;
THENCE N 71°18'28" W 397.60 FEET;
THENCE N 90°00'00" W 6312.27 FEET;
THENCE N 76°09'31" W 1337.71 FEET;
THENCE N 00°16'51" E 1599.81 FEET ALONG THE WEST LINE OF SAID SECTION 29 TO THE POINT OF BEGINNING. BEING A PART SECTIONS 28 AND 29, T2S, R6W, MARSHALL TOWNSHIP, CALHOUN COUNTY, MICHIGAN AND CONTAINING 506.80 ACRES OF LAND, MORE OR LESS. BEING SUBJECT TO EASEMENTS AND RESTRICTIONS OF RECORD, IF ANY.

811 Know what's **below.** **Call** before you dig.

PRELIMINARY
NOT FOR CONSTRUCTION

SHEET INDEX	
GENERAL SHEETS	**SHEET NO.**
COVER SHEET	C0.0
EXISTING CONDITIONS	C1.0
SITE PREP PLAN	C1.1
OVERALL SITE PLAN	C2.0
SITE PLAN (1 OF 4)	C2.1
SITE PLAN (2 OF 4)	C2.2
SITE PLAN (3 OF 4)	C2.3
SITE PLAN (4 OF 4)	C2.4
SITE PLAN PARKING LOT VIEW	C2.5
ROAD TYPICALS (1 OF 2)	C2.6
ROAD TYPICALS (2 OF 2)	C2.7
OVERALL UTILITY PLAN	C3.0
UTILITY PLAN (1 OF 4)	C3.1
UTILITY PLAN (2 OF 4)	C3.2
UTILITY PLAN (3 OF 4)	C3.3
UTILITY PLAN (4 OF 4)	C3.4
PAVING & ROADWAY DETAILS	C4.0
SIDEWALK DETAILS	C4.1
OVERALL GRADING PLAN	C5.0
GRADING PLAN (1 OF 4)	C5.1
GRADING PLAN (2 OF 4)	C5.2
GRADING PLAN (3 OF 4)	C5.3
GRADING PLAN (4 OF 4)	C5.4
SEEDING PLAN	L1.0
BIORETENTION ENLARGEMENT	L1.1
PLANTING PLAN	L1.2
NORTH ENTRANCE ENLARGEMENT	L1.3
SOUTH BERM ENLARGEMENT	L1.4
LANDSCAPE DETAILS	L1.5
LANDSCAPE DETAILS	L1.6
ARCHITECTURAL SHEETS	**SHEET NO.**
FIRST FLOOR COMPOSITE PLAN–CELL	A–0100
FIRST FLOOR COMPOSITE PLAN–PACK	A–100
FIRST FLOOR COMPOSITE PLAN–BD	A–101 (1)
FIRST FLOOR COMPOSITE PLAN–DWH	A–101 (2)
BUILDING ELEVATIONS – KEY PLAN	A–2000
BUILDING ELEVATIONS – NORTH	A–2001
BUILDING ELEVATIONS – NORTH	A–2002
BUILDING ELEVATIONS – EAST	A–2004
BUILDING ELEVATIONS – WEST	A–2005
BUILDING ELEVATIONS – SOUTH	A–2006
BUILDING ELEVATIONS – SOUTH	A–2007
BUILDING ELEVATIONS	A–2009
BUILDING ELEVATIONS	A–2010
BUILDING ELEVATIONS	A–2011
BUILDING ELEVATIONS	A–200
BUILDING ELEVATIONS	A–200
NORTH ELEVATION	A–201
SOUTH ELEVATION	A–202
EAST & WEST ELEVATION	A–203
SITE LIGHTING PHOTOMETRIC PLAN	1 OF 1
ELECTRICAL SITE DETAILS	ES5001
ELECTRICAL SITE DETAILS	ES5002
ELECTRICAL SITE DETAILS	ES5005

FORDLAND
17000 ROTUNDA DR, 1ST FLOOR SOUTH
DEARBORN, MICHIGAN 48120-1168
USA
Ford

Walbridge

BUILDING SITE CODE: XXX
FORD PROJECT NUMBER: XXXX-XX

WADE TRIM
25251 Northline Rd.
Taylor, MI 48180
734.947.9700
www.wadetrim.com
PROJECT NUMBER: WAB2004.01H

BRIAN VINCENT LYNCH ENGINEER NO. 45681 STATE OF MICHIGAN PROFESSIONAL ENGINEER

THIS DRAWING HAS BEEN PREPARED BY OR ON BEHALF OF FORD MOTOR COMPANY. FORD MOTOR COMPANY RETAINS ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING COPYRIGHTS. THIS DRAWING SHALL NOT BE USED FOR ANY PURPOSE OTHER THAN PERFORMING SERVICES DIRECTLY OR INDIRECTLY TO FORD MOTOR COMPANY, WITHOUT THE EXPRESSED WRITTEN PERMISSION OF FORD MOTOR COMPANY. UNAUTHORIZED USE, COPYING OR MODIFICATION, INCLUDING THE REMOVAL OF THIS NOTE, MAY CONSTITUTE A VIOLATION OF CIVIL OR CRIMINAL LAWS ENFORCEABLE BY FORD OR GOVERNMENTAL AGENCIES.

COPYRIGHT © FORD MOTOR COMPANY (2009)

02/29/2024	•	SITE PLAN RESUBMITTAL
06/29/2023	•	SITE PLAN RESUBMITTAL
04/25/2023	•	SITE PLAN APPROVAL
04/14/2023	•	SITE PLAN PRE APPLICATION
DATE		ISSUED FOR

IN CHARGE:	J CIESIELSKI
DRAWN BY:	M KAMINSKI
DESIGNED BY:	S DODSON
CHECKED BY:	B NARTKER
APPROVED BY:	E SMITH

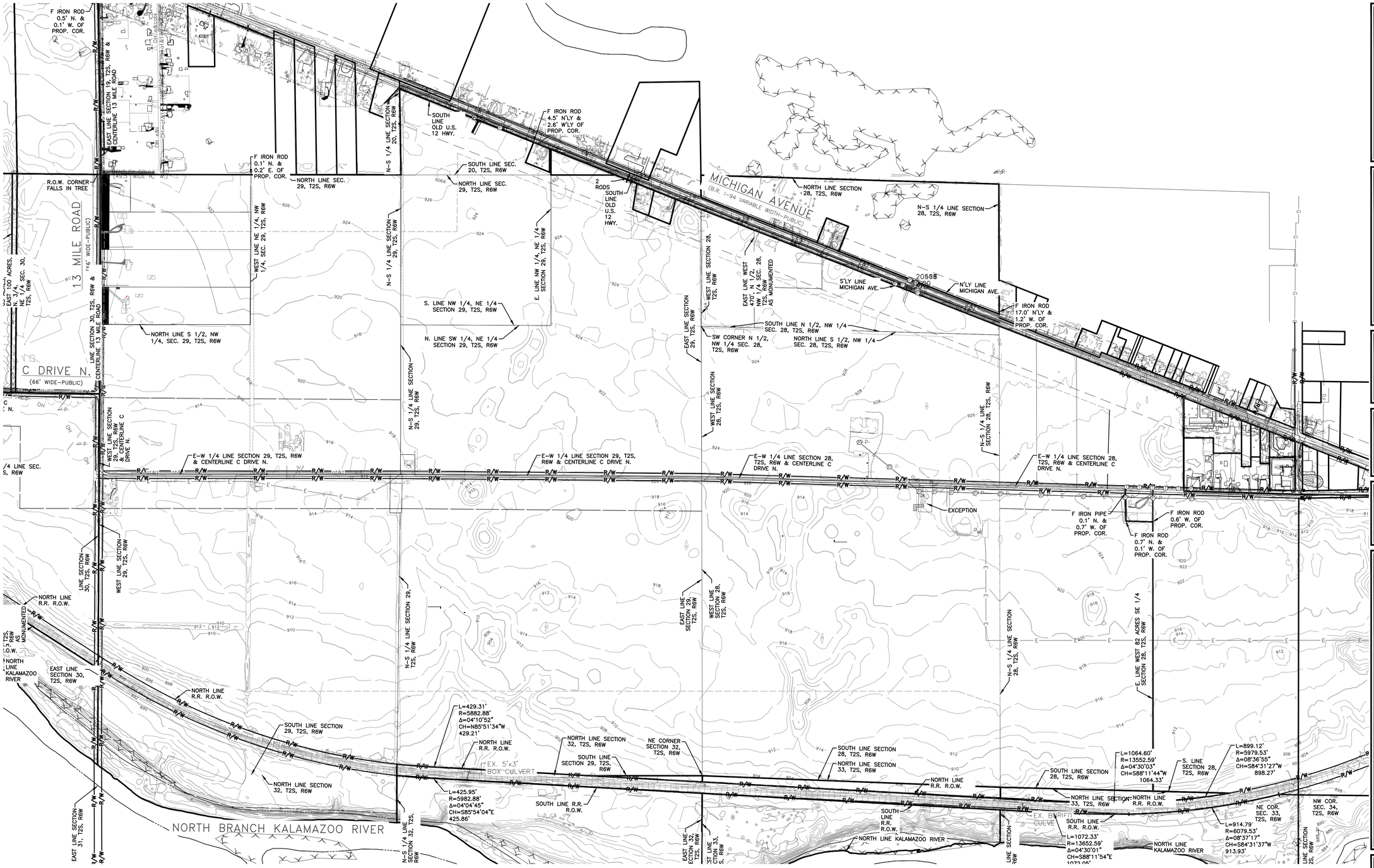
SHEET TITLE
COVER SHEET

FORD DWG NO. REV. #

SHEET NUMBER
C0.0

PRINTED COPIES ARE UNCONTROLLED

PLOT DATE: 2/29/2024 4:08:14 PM SAVE DATE: 2/27/2024 12:47:48 PM CANNA, RYAN C:\Users\rcanna\DOCS\4CDocs\Wade Trim\FRD\20011.05F Project Hickory\Project Files\01 Design\Civil 3D\Phase 01\Plan Sheets\SPA\1\20011.2-001-C-COVR-A2S-WADE.dwg



NORTH

EXISTING CONDITIONS

SCALE: 1:400

PRELIMINARY
NOT FOR CONSTRUCTION

Know what's **below.**
Call before you dig.

FORDLAND

17000 ROTUNDA DR, 1ST FLOOR SOUTH
DEARBORN, MICHIGAN 48120-1168
USA

Walbridge

BUILDING SITE CODE: XXX
FORD PROJECT NUMBER: XXXX-XX

WADE TRIM
25251 Northline Rd.
Taylor, MI 48180
734.947.9700
www.wadetrim.com

PROJECT NUMBER: WAB2004 01H

THIS DRAWING HAS BEEN PREPARED BY OR ON BEHALF OF FORD MOTOR COMPANY. FORD MOTOR COMPANY RETAINS ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING COPYRIGHTS. THIS DRAWING SHALL NOT BE USED FOR ANY PURPOSE OTHER THAN PERFORMING SERVICES DIRECTLY OR INDIRECTLY TO FORD MOTOR COMPANY, WITHOUT THE EXPRESSED WRITTEN PERMISSION OF FORD MOTOR COMPANY. UNAUTHORIZED USE, COPYING OR MODIFICATION, INCLUDING THE REMOVAL OF THIS NOTE, MAY CONSTITUTE A VIOLATION OF CIVIL OR CRIMINAL LAWS ENFORCEABLE BY FORD OR GOVERNMENTAL AGENCIES.

COPYRIGHT © FORD MOTOR COMPANY (2009)

DATE	ISSUED FOR
02/29/2024	• SITE PLAN RESUBMITTAL
06/29/2023	• SITE PLAN RESUBMITTAL
04/25/2023	• SITE PLAN APPROVAL
04/14/2023	• SITE PLAN PRE APPLICATION

IN CHARGE:	J CIESIELSKI
DRAWN BY:	M KAMINSKI
DESIGNED BY:	S DODSON
CHECKED BY:	B NARTKER
APPROVED BY:	E SMITH

SHEET TITLE

EXISTING CONDITIONS

FORD DWG NO. REV. #

SHEET NUMBER

C1.0

PRINTED COPIES ARE UNCONTROLLED

PLOT DATE: 2/27/2024 8:51:33 AM SAVE DATE: 2/27/2024 8:51:33 AM LOPEZ, EMILY C:\Users\Esuper\DOCACCDocs\Hooks Trim\P0020011-ISF Project Hickory\Project Files\01 Design\CAd 3D\Phase 01\Plan Sheets\SPA\10001\2001-CS-EXIST-A22.HVAC.dwg

13 MILE ROAD
(66' WIDE-PUBLIC)

C DRIVE N.
(66' WIDE-PUBLIC)

MICHIGAN AVENUE
(B.R. I-94 VARIABLE WIDTH-PUBLIC)

MAEDA/FORD
PROPERTY LINE

TEMPORARY
400,000 SF
CONCRETE
BATCH PLANT

CONSTRUCTION BUILDING
TO REMAIN IN USE
FOR NOW

TEMPORARY GRAVEL

TEMPORARY
PARKING

TEMPORARY GRAVEL

TEMPORARY GRAVEL

TEMPORARY GRAVEL

INFILTRATION BASIN #1
TOP OF BASIN: 905.5 FT
BOTTOM OF BASIN: 898.5 FT

INFILTRATION
BASIN #2
TOP OF BASIN: 900.5 FT
BOTTOM OF BASIN: 896.0 FT

NORTH BRANCH KALAMAZOO RIVER

R/W
E
OH
FD

NORTH

SITE PREP PLAN

SCALE: 1:400

PRELIMINARY
NOT FOR CONSTRUCTION

Know what's **below.**
Call before you dig.

FORD LAND
17000 ROTUNDA DR, 1ST FLOOR SOUTH
DEARBORN, MICHIGAN 48120-1168
USA

Walbridge

BUILDING SITE CODE: XXX
FORD PROJECT NUMBER: XXXX-XX

WADE TRIM
25251 Northline Rd.
Taylor, MI 48180
734.947.9700
www.wadetrim.com

PROJECT NUMBER: WAB2004.01H

STATE OF MICHIGAN
ERICH VANDE VUSSE
REGISTERED
ENGINEER
NO. 45087
PROFESSIONAL ENGINEER

THIS DRAWING HAS BEEN PREPARED BY OR ON BEHALF OF FORD MOTOR COMPANY. FORD MOTOR COMPANY RETAINS ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING COPYRIGHTS. THIS DRAWING SHALL NOT BE USED FOR ANY PURPOSE OTHER THAN PERFORMING SERVICES DIRECTLY OR INDIRECTLY TO FORD MOTOR COMPANY, WITHOUT THE EXPRESSED WRITTEN PERMISSION OF FORD MOTOR COMPANY. UNAUTHORIZED USE, COPYING OR MODIFICATION, INCLUDING THE REMOVAL OF THIS NOTE, MAY CONSTITUTE A VIOLATION OF CIVIL OR CRIMINAL LAWS ENFORCEABLE BY FORD OR GOVERNMENTAL AGENCIES.

COPYRIGHT © FORD MOTOR COMPANY (2009)

DATE	ISSUED FOR
02/29/2024	• SITE PLAN RESUBMITTAL
06/29/2023	• SITE PLAN RESUBMITTAL
04/25/2023	• SITE PLAN APPROVAL
04/14/2023	• SITE PLAN PRE APPLICATION

IN CHARGE:	J CIESIELSKI
DRAWN BY:	M KAMINSKI
DESIGNED BY:	S DODSON
CHECKED BY:	B NARTKER
APPROVED BY:	E SMITH

SHEET TITLE

SITE PREP PLAN

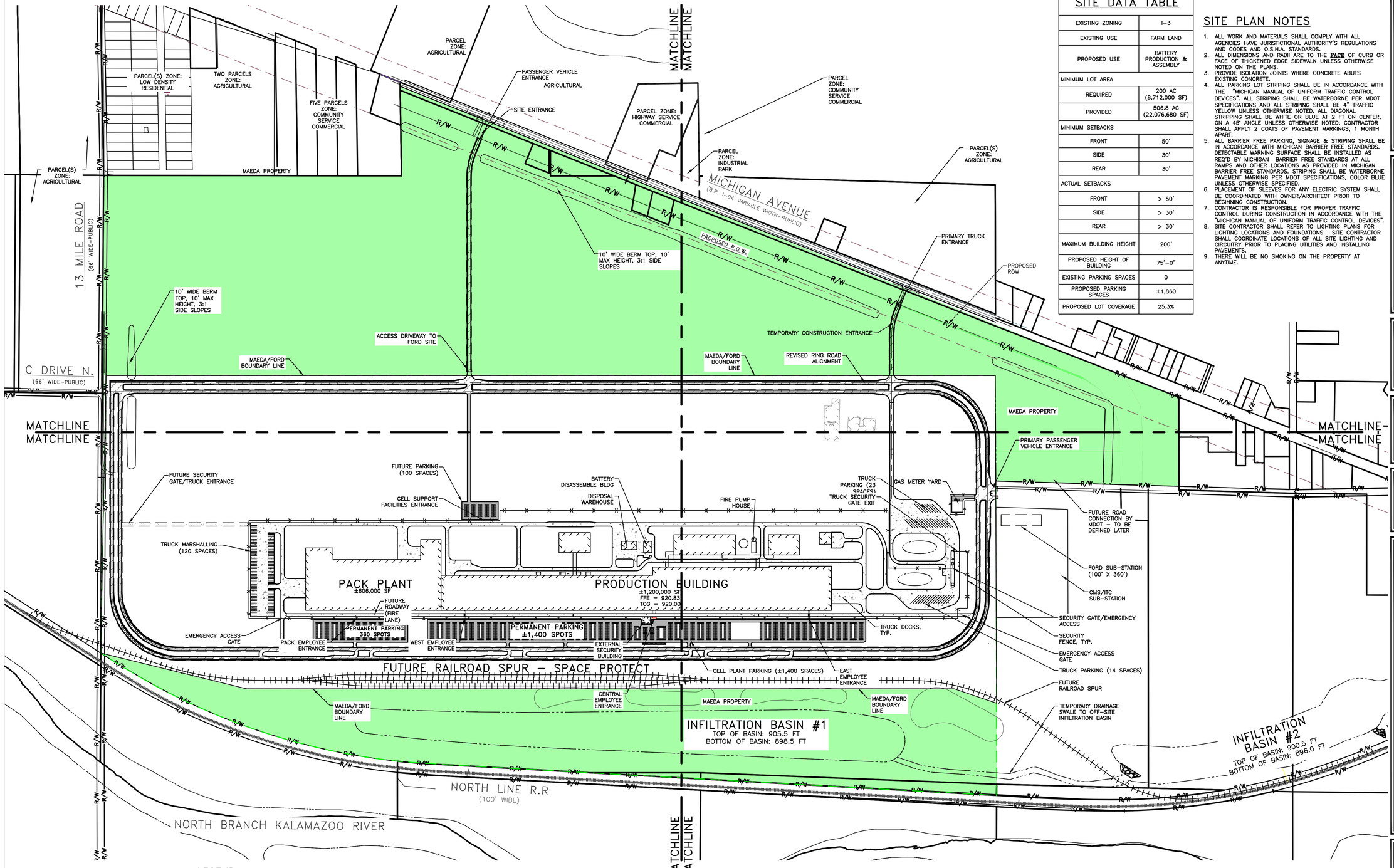
FORD DWG NO. REV. #

SHEET NUMBER

C1.1

PRINTED COPIES ARE UNCONTROLLED

C:\Users\Elizalde2\DCACDocs\Wade Trim\FRO2011.GSF Project History\Project Files\01 Design\Civil 3D\Phase 01\Plan Sheets\SPA1000112-001-C-SITE PREP PLAN-A22-WADE.dwg
SAVE DATE: 2/27/2024 2:44:12 PM LOPEZ, EMILY
PLOT DATE: 2/27/2024 3:06:00 PM



SITE DATA TABLE

EXISTING ZONING	I-3
EXISTING USE	FARM LAND
PROPOSED USE	BATTERY PRODUCTION & ASSEMBLY
MINIMUM LOT AREA	
REQUIRED	200 AC (8,712,000 SF)
PROVIDED	506.8 AC (22,076,680 SF)
MINIMUM SETBACKS	
FRONT	50'
SIDE	30'
REAR	30'
ACTUAL SETBACKS	
FRONT	> 50'
SIDE	> 30'
REAR	> 30'
MAXIMUM BUILDING HEIGHT	200'
PROPOSED HEIGHT OF BUILDING	75'-0"
EXISTING PARKING SPACES	0
PROPOSED PARKING SPACES	±1,860
PROPOSED LOT COVERAGE	25.3%

SITE PLAN NOTES

1. ALL WORK AND MATERIALS SHALL COMPLY WITH ALL AGENCIES HAVE JURISTICTIONAL AUTHORITY'S REGULATIONS AND CODES AND O.S.H.A. STANDARDS.
2. ALL DIMENSIONS AND RADII ARE TO THE **FACE** OF CURB OR FACE OF THICKENED EDGE SIDEWALK UNLESS OTHERWISE NOTED ON THE PLANS.
3. PROVIDE ISOLATION JOINTS WHERE CONCRETE ABUTS EXISTING CONCRETE.
4. ALL PARKING LOT STRIPING SHALL BE IN ACCORDANCE WITH THE "MICHIGAN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES". ALL STRIPING SHALL BE WATERBORNE PER MDOT SPECIFICATIONS AND ALL STRIPING SHALL BE 4" TRAFFIC YELLOW UNLESS OTHERWISE NOTED. ALL DIAGONAL STRIPPING SHALL BE WHITE OR BLUE AT 2 FT ON CENTER, ON A 45° ANGLE UNLESS OTHERWISE NOTED. CONTRACTOR SHALL APPLY 2 COATS OF PAVEMENT MARKINGS, 1 MONTH APART.
5. ALL BARRIER FREE PARKING, SIGNAGE & STRIPING SHALL BE IN ACCORDANCE WITH MICHIGAN BARRIER FREE STANDARDS. DETECTABLE WARNING SURFACE SHALL BE INSTALLED AS REQ'D BY MICHIGAN BARRIER FREE STANDARDS AT ALL RAMPS AND OTHER LOCATIONS AS PROVIDED IN MICHIGAN BARRIER FREE STANDARDS. STRIPING SHALL BE WATERBORNE PAVEMENT MARKING PER MDOT SPECIFICATIONS, COLOR BLUE UNLESS OTHERWISE SPECIFIED.
6. PLACEMENT OF SLEEVES FOR ANY ELECTRIC SYSTEM SHALL BE COORDINATED WITH OWNER/ARCHITECT PRIOR TO BEGINNING CONSTRUCTION.
7. CONTRACTOR IS RESPONSIBLE FOR PROPER TRAFFIC CONTROL DURING CONSTRUCTION IN ACCORDANCE WITH THE "MICHIGAN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES".
8. SITE CONTRACTOR SHALL REFER TO LIGHTING PLANS FOR LIGHTING LOCATIONS AND FOUNDATIONS. SITE CONTRACTOR SHALL COORDINATE LOCATIONS OF ALL SITE LIGHTING AND CIRCUITRY PRIOR TO PLACING UTILITIES AND INSTALLING PAVEMENTS.
9. THERE WILL BE NO SMOKING ON THE PROPERTY AT ANYTIME.

LEGEND:

- MAEDA PROPERTY BUFFER
- PROPOSED PAVED PARKING LOTS
- PROPOSED PAVED ROADS
- BUILDING
- TEMPORARY STONE AREAS
- PROPOSED CONCRETE SURFACE
- INFILTRATION BASIN

Know what's **below.** **Call** before you dig.

NORTH

OVERALL SITE PLAN

SCALE: 1:400

PRELIMINARY
NOT FOR CONSTRUCTION

FORDLAND
17000 ROTUNDA DR, 1ST FLOOR SOUTH
DEARBORN, MICHIGAN 48120-1168
USA

Walbridge

BUILDING SITE CODE: XXX
FORD PROJECT NUMBER: XXXX-XX

WADE TRIM
25251 Northline Rd.
Taylor, MI 48180
734.947.9700
www.wadetrim.com

PROJECT NUMBER: WAB2004 01H

ERICH J. LOPEZ
LICENSED
ARCHITECT
ENGINEER
No. 43087

THIS DRAWING HAS BEEN PREPARED BY OR ON BEHALF OF FORD MOTOR COMPANY. FORD MOTOR COMPANY RETAINS ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING COPYRIGHTS. THIS DRAWING SHALL NOT BE USED FOR ANY PURPOSE OTHER THAN PERFORMING SERVICES DIRECTLY OR INDIRECTLY TO FORD MOTOR COMPANY, WITHOUT THE EXPRESSED WRITTEN PERMISSION OF FORD MOTOR COMPANY. UNAUTHORIZED USE, COPYING OR MODIFICATION, INCLUDING THE REMOVAL OF THIS NOTE, MAY CONSTITUTE A VIOLATION OF CIVIL OR CRIMINAL LAWS ENFORCEABLE BY FORD OR GOVERNMENTAL AGENCIES.

COPYRIGHT © FORD MOTOR COMPANY (2009)

DATE	ISSUED FOR
02/29/2024	• SITE PLAN RESUBMITTAL
06/29/2023	• SITE PLAN RESUBMITTAL
04/25/2023	• SITE PLAN APPROVAL
04/14/2023	• SITE PLAN PRE APPLICATION

IN CHARGE:	J CIESIELSKI
DRAWN BY:	M KAMINSKI
DESIGNED BY:	S DODSON
CHECKED BY:	B NARTKER
APPROVED BY:	E SMITH

SHEET TITLE

OVERALL SITE PLAN

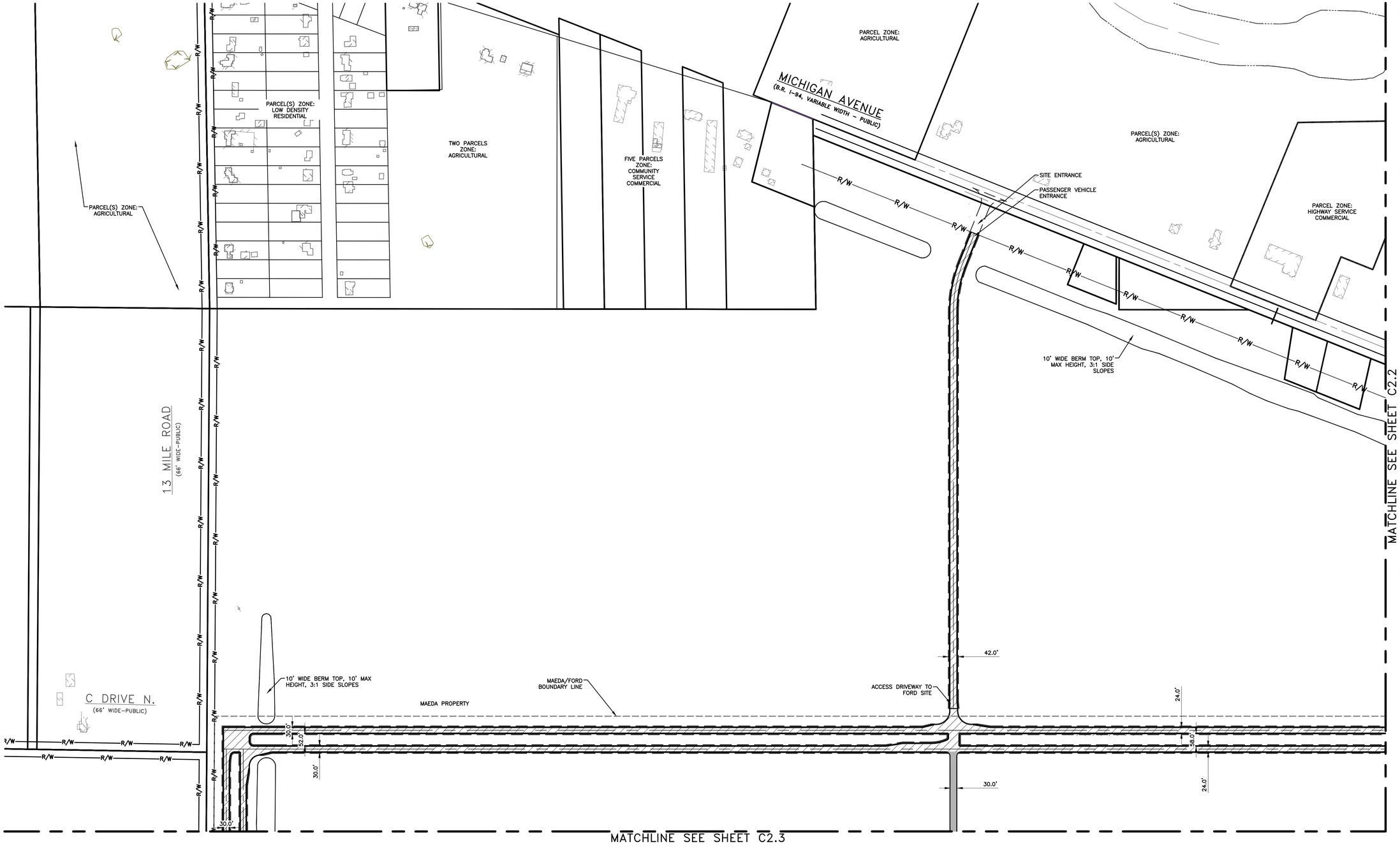
FORD DWG NO. REV. #

SHEET NUMBER

C2.0

PRINTED COPIES ARE UNCONTROLLED

C:\Users\ElopezDOCS\ACCDocs\Walk Trim\FRD2011-I\SF Project Hooks\Project Files\01 Design\Civil 3D\Phase 01\Plan Sheets\SPA\100011240\1-CS-SITE-A02-WADE.dwg
LOPEZ, EMILY
SAVE DATE: 2/27/2024 3:03:25 PM
PLOT DATE: 2/27/2024 3:06:41 PM



Know what's **below.**
Call before you dig.

NORTH

SITE PLAN (1 OF 4)

SCALE: 1:200

PRELIMINARY
NOT FOR CONSTRUCTION

FORDLAND
17000 ROTUNDA DR, 1ST FLOOR SOUTH
DEARBORN, MICHIGAN 48120-1168
USA

Walbridge

BUILDING SITE CODE: XXX
FORD PROJECT NUMBER: XXXX-XX

WADE TRIM
25251 Northline Rd.
Taylor, MI 48180
734.947.9700
www.wadetrim.com

PROJECT NUMBER: WAB2004.01H

ERICH VANDETTE
STATE OF MICHIGAN
REGISTERED
ENGINEER
NO. 45997
PROFESSIONAL ENGINEER

THIS DRAWING HAS BEEN PREPARED BY OR ON BEHALF OF FORD MOTOR COMPANY. FORD MOTOR COMPANY RETAINS ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING COPYRIGHTS. THIS DRAWING SHALL NOT BE USED FOR ANY PURPOSE OTHER THAN PERFORMING SERVICES DIRECTLY OR INDIRECTLY TO FORD MOTOR COMPANY, WITHOUT THE EXPRESSED WRITTEN PERMISSION OF FORD MOTOR COMPANY. UNAUTHORIZED USE, COPYING OR MODIFICATION, INCLUDING THE REMOVAL OF THIS NOTE, MAY CONSTITUTE A VIOLATION OF CIVIL OR CRIMINAL LAWS ENFORCEABLE BY FORD OR GOVERNMENTAL AGENCIES.

COPYRIGHT © FORD MOTOR COMPANY (2009)

DATE	ISSUED FOR
02/29/2024	• SITE PLAN RESUBMITTAL
06/29/2023	• SITE PLAN RESUBMITTAL
04/25/2023	• SITE PLAN APPROVAL
04/14/2023	• SITE PLAN PRE APPLICATION

IN CHARGE:	J CIESIELSKI
DRAWN BY:	M KAMINSKI
DESIGNED BY:	S DODSON
CHECKED BY:	B NARTKER
APPROVED BY:	E SMITH

SHEET TITLE

SITE PLAN (1 OF 4)

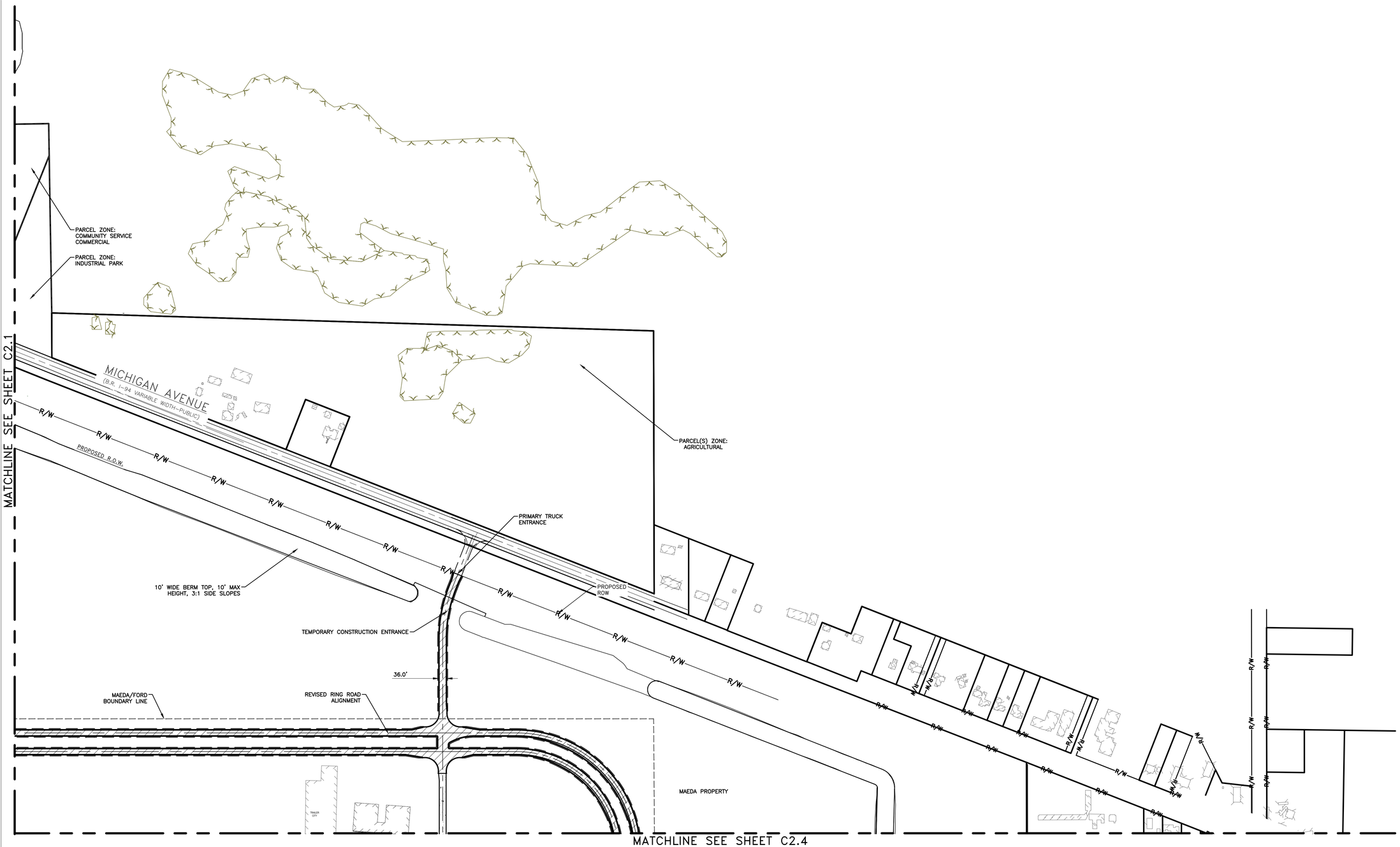
FORD DWG NO. REV. #

SHEET NUMBER

C2.1

PRINTED COPIES ARE UNCONTROLLED

PLOT DATE: 2/27/2024 3:07:10 PM
SAVE DATE: 2/27/2024 3:03:25 PM
LOPEZ, EMILY
C:\Users\Esopez\DOCS\CCDocs\Wade Trim\P\0200112.001-CS-SITE-AZ21\ADE.dwg



NORTH

SITE PLAN (2 OF 4)

SCALE: 1:200

PRELIMINARY
NOT FOR CONSTRUCTION

Know what's **below.**
Call before you dig.

FORD LAND

17000 ROTUNDA DR, 1ST FLOOR SOUTH
DEARBORN, MICHIGAN 48120-1168
USA

Walbridge

WADE TRIM
25251 Northline Rd.
Taylor, MI 48180
734.947.9700
www.wadetrim.com

BUILDING SITE CODE: XXX

FORD PROJECT NUMBER: XXXX-XX

PROJECT NUMBER: WAB2004.01H

ERICH VANDETTE ENGINEER NO. 45997

THIS DRAWING HAS BEEN PREPARED BY OR ON BEHALF OF FORD MOTOR COMPANY. FORD MOTOR COMPANY RETAINS ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING COPYRIGHTS. THIS DRAWING SHALL NOT BE USED FOR ANY PURPOSE OTHER THAN PERFORMING SERVICES DIRECTLY OR INDIRECTLY TO FORD MOTOR COMPANY, WITHOUT THE EXPRESSED WRITTEN PERMISSION OF FORD MOTOR COMPANY. UNAUTHORIZED USE, COPYING OR MODIFICATION, INCLUDING THE REMOVAL OF THIS NOTE, MAY CONSTITUTE A VIOLATION OF CIVIL OR CRIMINAL LAWS ENFORCEABLE BY FORD OR GOVERNMENTAL AGENCIES.

COPYRIGHT © FORD MOTOR COMPANY (2009)

DATE	ISSUED FOR
02/29/2024	• SITE PLAN RESUBMITTAL
06/29/2023	• SITE PLAN RESUBMITTAL
04/25/2023	• SITE PLAN APPROVAL
04/14/2023	• SITE PLAN PRE APPLICATION

IN CHARGE:	J CIESIELSKI
DRAWN BY:	M KAMINSKI
DESIGNED BY:	S DODSON
CHECKED BY:	B NARTKER
APPROVED BY:	E SMITH

SHEET TITLE

SITE PLAN (2 OF 4)

FORD DWG NO. REV. #

SHEET NUMBER

C2.2

C:\Users\Esopez\DOCS\CCDocWin\Hide 1\mm\R020011-ISF Project Hickory\Project Files\01 Design\Civil 3D\Phase 01\Plan Sheets\SPA1000112.001 CS-SITE-A22.NADE.dwg

SAVE DATE: 2/27/2024 3:03:25 PM

LOPEZ, EMILY

PLOT DATE: 2/27/2024 3:07:40 PM

PRINTED COPIES ARE UNCONTROLLED

MATCHLINE SEE SHEET C2.1

FUTURE SECURITY GATE/TRUCK ENTRANCE

TRUCK MARSHALLING (120 SPACES)

FUTURE PARKING (100 SPACES)

CELL SUPPORT FACILITIES ENTRANCE

BATTERY DISASSEMBLE BLDG

DISPOSAL WAREHOUSE

PACK PLANT
±606,000 SF
1208.00'

PRODUCTION BUILDING
±1,200,000 SF
FFE = 920.83
TOG = 920.00
3478.0'

SEE SITE PLAN PARKING LOT VIEW ON SHEET C2.5 FOR BLOW UP.

EXTERNAL SECURITY BUILDING

FUTURE ROADWAY (FIRE LANE)

EMERGENCY ACCESS GATE

PERMANENT PARKING 360 SPOTS

PACK EMPLOYEE ENTRANCE

WEST EMPLOYEE ENTRANCE

PERMANENT PARKING ±1,400 SPOTS

CENTRAL EMPLOYEE ENTRANCE

FUTURE RAILROAD SPUR – SPACE PROTECT

MATCHLINE SEE SHEET C2.4

INFILTRATION BASIN #1
TOP OF BASIN: 905.5 FT
BOTTOM OF BASIN: 898.5 FT

NORTH LINE R.R
(100' WIDE)

NORTH BRANCH KALAMAZOO RIVER

NORTH

SITE PLAN (3 OF 4)
SCALE: 1:400

PRELIMINARY
NOT FOR CONSTRUCTION

Know what's **below.**
Call before you dig.

FORDLAND
17000 ROTUNDA DR, 1ST FLOOR SOUTH
DEARBORN, MICHIGAN 48120-1168
USA

Walbridge

WADE TRIM
25251 Northline Rd.
Taylor, MI 48180
734.947.9700
www.wadetrim.com

BUILDING SITE CODE: XXX
FORD PROJECT NUMBER: XXXX-XX

PROJECT NUMBER: WAB2004.01H

THIS DRAWING HAS BEEN PREPARED BY OR ON BEHALF OF FORD MOTOR COMPANY. FORD MOTOR COMPANY RETAINS ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING COPYRIGHTS. THIS DRAWING SHALL NOT BE USED FOR ANY PURPOSE OTHER THAN PERFORMING SERVICES DIRECTLY OR INDIRECTLY TO FORD MOTOR COMPANY, WITHOUT THE EXPRESSED WRITTEN PERMISSION OF FORD MOTOR COMPANY. UNAUTHORIZED USE, COPYING OR MODIFICATION, INCLUDING THE REMOVAL OF THIS NOTE, MAY CONSTITUTE A VIOLATION OF CIVIL OR CRIMINAL LAWS ENFORCEABLE BY FORD OR GOVERNMENTAL AGENCIES.

COPYRIGHT © FORD MOTOR COMPANY (2009)

DATE	ISSUED FOR
02/29/2024	• SITE PLAN RESUBMITTAL
06/29/2023	• SITE PLAN RESUBMITTAL
04/25/2023	• SITE PLAN APPROVAL
04/14/2023	• SITE PLAN PRE APPLICATION

IN CHARGE:	J CIESIELSKI
DRAWN BY:	M KAMINSKI
DESIGNED BY:	S DODSON
CHECKED BY:	B NARTKER
APPROVED BY:	E SMITH

SHEET TITLE

SITE PLAN (3 OF 4)

FORD DWG NO. REV. #

SHEET NUMBER

C2.3

PRINTED COPIES ARE UNCONTROLLED

PLOT DATE: 2/29/2024 1:18:22 PM SAVE DATE: 2/27/2024 3:31:02 PM LOPEZ, EMILY C:\Users\Esuper2\DOCS\ACCDocs\Wade Trim\P82001.05F Project Hockey\Project Field\01 Design\Civ\13DP\Phase 01\Plan Sheets\BPA100012\001\12001-CS-SITE-AK2V-WADE.dwg

MATCHLINE SEE SHEET C2.2

MATCHLINE SEE SHEET C2.3

PRIMARY PASSENGER VEHICLE ENTRANCE

MICHIGAN AVENUE
(B.R. I-94, VARIABLE WIDTH - PUBLIC)

TRUCK PARKING (23 SPACES)

GAS METER YARD

FIRE PUMP HOUSE

TRUCK SECURITY GATE EXIT

COORDINATE CONNECTION WITH MDOT

FUTURE ROAD CONNECTION BY MDOT – TO BE DEFINED LATER

FORD SUB-STATION (100' X 360')

PRODUCTION BUILDING
±1,200,000 SF
FFE = 920.83
TOG = 920.00

CMS/ITC SUB-STATION

SECURITY FENCE, TYP.

TRUCK DOCKS, TYP.

SECURITY GATE/EMERGENCY ACCESS

EMERGENCY ACCESS GATE

TRUCK PARKING (14 SPACES)

PERMANENT PARKING ±1,400 SPOTS

CELL PLANT PARKING (±1,400 SPACES)

EAST EMPLOYEE ENTRANCE

FUTURE RAILROAD SPUR – SPACE PROTECT

MAEDA PROPERTY

MAEDA/FORD BOUNDARY LINE

FUTURE RAILROAD SPUR

INFILTRATION BASIN #1
TOP OF BASIN: 905.5 FT
BOTTOM OF BASIN: 898.5 FT

TEMPORARY DRAINAGE SWALE TO OFF-SITE INFILTRATION BASIN

INFILTRATION BASIN #2
TOP OF BASIN: 900.5 FT
BOTTOM OF BASIN: 896.0 FT

NORTH

SITE PLAN (4 OF 4)
SCALE: 1:200

PRELIMINARY
NOT FOR CONSTRUCTION

Know what's below.
Call before you dig.

FORDLAND
17000 ROTUNDA DR, 1ST FLOOR SOUTH
DEARBORN, MICHIGAN 48120-1168
USA

Walbridge

BUILDING SITE CODE: XXX
FORD PROJECT NUMBER: XXXX-XX

WADE TRIM
25251 Northline Rd.
Taylor, MI 48180
734.947.9700
www.wadetrim.com

PROJECT NUMBER: WAB2004.01H

ERICH L. VOIGT
ENGINEER
NO. 45997

THIS DRAWING HAS BEEN PREPARED BY OR ON BEHALF OF FORD MOTOR COMPANY. FORD MOTOR COMPANY RETAINS ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING COPYRIGHTS. THIS DRAWING SHALL NOT BE USED FOR ANY PURPOSE OTHER THAN PERFORMING SERVICES DIRECTLY OR INDIRECTLY TO FORD MOTOR COMPANY, WITHOUT THE EXPRESSED WRITTEN PERMISSION OF FORD MOTOR COMPANY. UNAUTHORIZED USE, COPYING OR MODIFICATION, INCLUDING THE REMOVAL OF THIS NOTE, MAY CONSTITUTE A VIOLATION OF CIVIL OR CRIMINAL LAWS ENFORCEABLE BY FORD OR GOVERNMENTAL AGENCIES.

COPYRIGHT © FORD MOTOR COMPANY (2009)

DATE	ISSUED FOR
02/29/2024	• SITE PLAN RESUBMITTAL
06/29/2023	• SITE PLAN RESUBMITTAL
04/25/2023	• SITE PLAN APPROVAL
04/14/2023	• SITE PLAN PRE APPLICATION

IN CHARGE:	J CIESIELSKI
DRAWN BY:	M KAMINSKI
DESIGNED BY:	S DODSON
CHECKED BY:	B NARTKER
APPROVED BY:	E SMITH

SHEET TITLE

SITE PLAN (4 OF 4)

FORD DWG NO. REV. #

SHEET NUMBER

C2.4

PRINTED COPIES ARE UNCONTROLLED

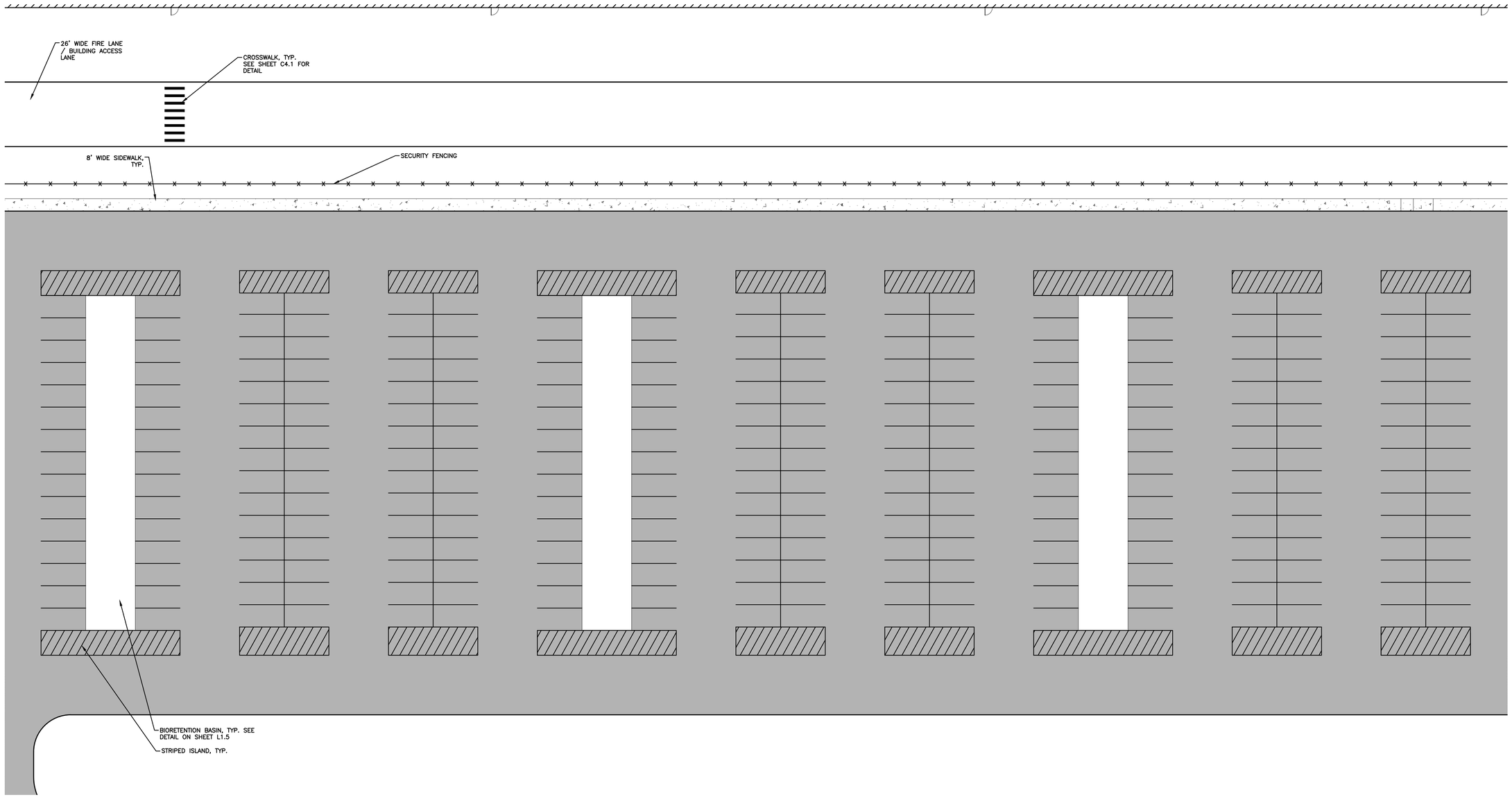
C:\Users\Eugene\DC\ACDocs\Work Trim\R0201\1-SP Project History\Project Files\01 Design\CAD\3DPhase 01\Plan Sheets\SPK1000112.001.C3-SITE-AZ2-HADE.dwg

LOPEZ, EMILY

SAVE DATE: 2/27/2024 3:03:25 PM

PLOT DATE: 2/27/2024 3:08:21 PM

PRODUCTION BUILDING
±1,200,000 SF
FFE = 920.83
TOG = 920.00



Know what's **below.**
Call before you dig.

NORTH

SITE PLAN PARKING LOT VIEW
SCALE: 1:20

PRELIMINARY
NOT FOR CONSTRUCTION

FORDLAND

17000 ROTUNDA DR, 1ST FLOOR SOUTH
DEARBORN, MICHIGAN 48120-1168
USA

Walbridge

BUILDING SITE CODE: XXX
FORD PROJECT NUMBER: XXXX-XX

WADE TRIM
25251 Northline Rd.
Taylor, MI 48180
734.947.9700
www.wadetrim.com

PROJECT NUMBER: WAB2004.01H

ERICH VINCENT WESTIN
ENGINEER
NO. 45997
STATE OF MICHIGAN
REGISTERED PROFESSIONAL ENGINEER

THIS DRAWING HAS BEEN PREPARED BY OR ON BEHALF OF FORD MOTOR COMPANY. FORD MOTOR COMPANY RETAINS ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING COPYRIGHTS. THIS DRAWING SHALL NOT BE USED FOR ANY PURPOSE OTHER THAN PERFORMING SERVICES DIRECTLY OR INDIRECTLY TO FORD MOTOR COMPANY, WITHOUT THE EXPRESSED WRITTEN PERMISSION OF FORD MOTOR COMPANY. UNAUTHORIZED USE, COPYING OR MODIFICATION, INCLUDING THE REMOVAL OF THIS NOTE, MAY CONSTITUTE A VIOLATION OF CIVIL OR CRIMINAL LAWS ENFORCEABLE BY FORD OR GOVERNMENTAL AGENCIES.

COPYRIGHT © FORD MOTOR COMPANY (2009)

DATE	ISSUED FOR
02/29/2024	• SITE PLAN RESUBMITTAL
06/29/2023	• SITE PLAN RESUBMITTAL
04/25/2023	• SITE PLAN APPROVAL
04/14/2023	• SITE PLAN PRE APPLICATION

IN CHARGE:	J CIESIELSKI
DRAWN BY:	M KAMINSKI
DESIGNED BY:	S DODSON
CHECKED BY:	B NARTKER
APPROVED BY:	E SMITH

SHEET TITLE

SITE PLAN PARKING LOT VIEW

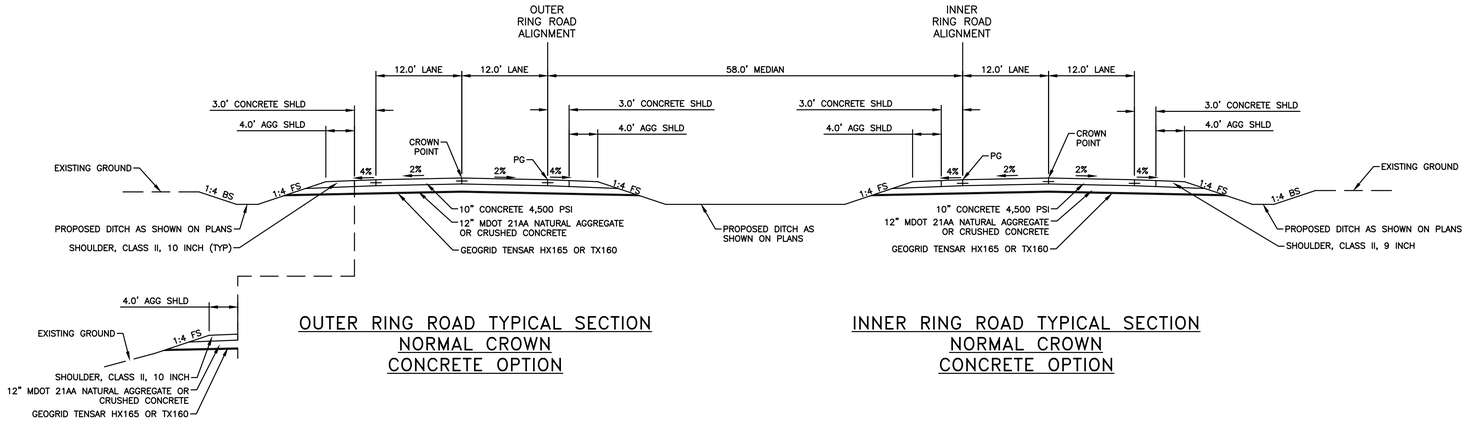
FORD DWG NO. REV. #

SHEET NUMBER

C2.5

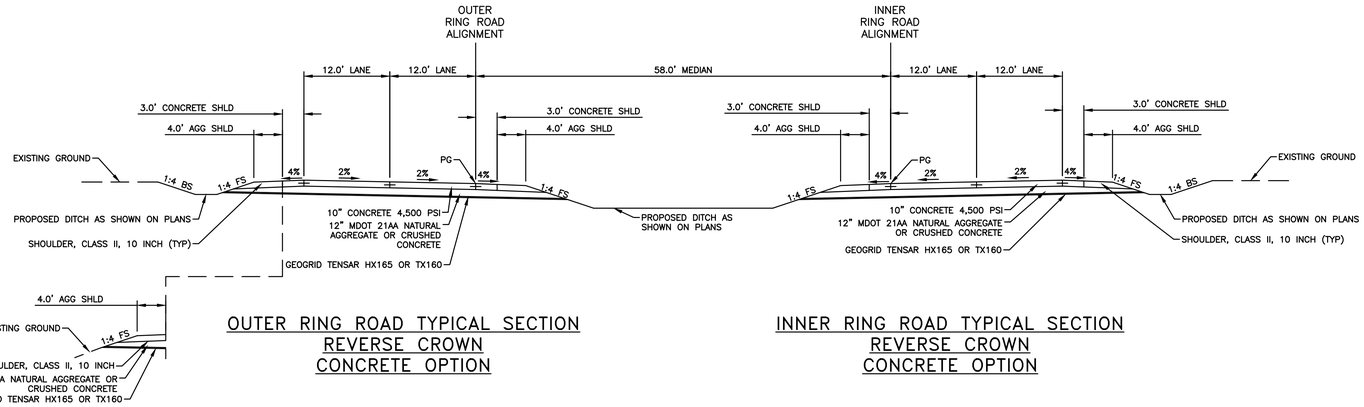
PRINTED COPIES ARE UNCONTROLLED

PLOT DATE: 2/27/2024 3:08:44 PM SAVE DATE: 2/27/2024 3:03:25 PM LOPEZ, EMILY C:\Users\ELopez\OneDrive - WADE TRIM\PROJECTS\P-Project History\Project Files\01 Design\CAD\Plans\01\Plan Sheets\SPM\1000112-001-C3-SITE-AAZ01WADE.dwg



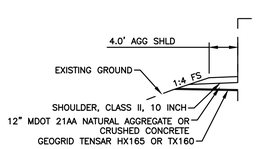
OUTER RING ROAD TYPICAL SECTION
NORMAL CROWN
CONCRETE OPTION

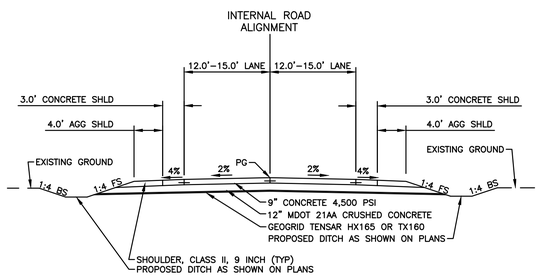
INNER RING ROAD TYPICAL SECTION
NORMAL CROWN
CONCRETE OPTION



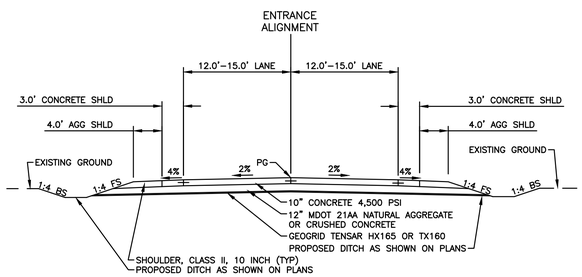
OUTER RING ROAD TYPICAL SECTION
REVERSE CROWN
CONCRETE OPTION

INNER RING ROAD TYPICAL SECTION
REVERSE CROWN
CONCRETE OPTION

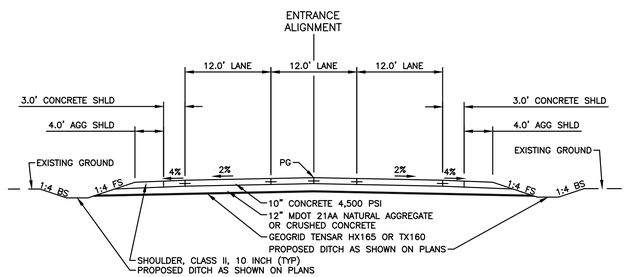




INTERNAL ROAD TYPICAL SECTION
CONCRETE OPTION



TWO–LANE ENTRANCE TYPICAL SECTION
CONCRETE OPTION



THREE–LANE ENTRANCE TYPICAL SECTION
CONCRETE OPTION

NOTE: SEE LANDSCAPING PLANS FOR SLOPE RESTORATION AND TURF ESTABLISHMENT.

PRELIMINARY
NOT FOR CONSTRUCTION

FORD LAND
17000 ROTUNDA DR, 1ST FLOOR SOUTH
DEARBORN, MICHIGAN 48120-1168
USA

Walbridge

BUILDING SITE CODE: XXX
FORD PROJECT NUMBER: XXXX-XX

WADE TRIM
25251 Northline Rd.
Taylor, MI 48180
734.947.9700
www.wadetrim.com
PROJECT NUMBER: WAB2004.01H

ERICH VINCENT VISSCHER
ENGINEER
NO. 43087
STATE OF MICHIGAN
REGISTERED PROFESSIONAL ENGINEER

THIS DRAWING HAS BEEN PREPARED BY OR ON BEHALF OF FORD MOTOR COMPANY. FORD MOTOR COMPANY RETAINS ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING COPYRIGHTS. THIS DRAWING SHALL NOT BE USED FOR ANY PURPOSE OTHER THAN PERFORMING SERVICES DIRECTLY OR INDIRECTLY TO FORD MOTOR COMPANY, WITHOUT THE EXPRESSED WRITTEN PERMISSION OF FORD MOTOR COMPANY. UNAUTHORIZED USE, COPYING OR MODIFICATION, INCLUDING THE REMOVAL OF THIS NOTE MAY CONSTITUTE A VIOLATION OF CIVIL OR CRIMINAL LAWS ENFORCEABLE BY FORD OR GOVERNMENTAL AGENCIES.

COPYRIGHT © FORD MOTOR COMPANY (2009)

DATE	ISSUED FOR:
02/29/2024	• SITE PLAN RESUBMITTAL
06/29/2023	• SITE PLAN RESUBMITTAL
04/25/2023	• SITE PLAN APPROVAL
04/14/2023	• SITE PLAN PRE APPLICATION

IN CHARGE:	J CIESIELSKI
DRAWN BY:	M KAMINSKI
DESIGNED BY:	S DODSON
CHECKED BY:	B NARTKER
APPROVED BY:	E SMITH

SHEET TITLE

ROAD TYPICALS (1 OF 2)

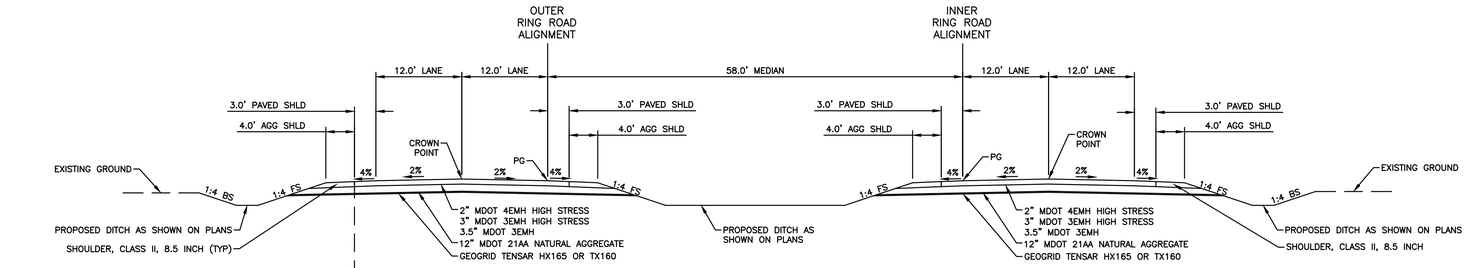
FORD DWG NO. REV. #

SHEET NUMBER

C2.6

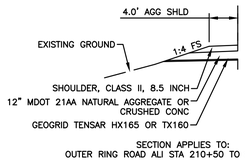
PRINTED COPIES ARE UNCONTROLLED

C:\Users\Elopez\DOCACCbox\Wade Trim\R020011-05F Project Hickory\Project Files\01 Design\Civil 3D\Phase 01\Plan Sheets\SPA100012-01-CS-ROAD TYPICALS-A22-WADE.dwg
LOPEZ, EMILY
SAVE DATE: 2/27/2024 2:19:09 PM
PLOT DATE: 2/27/2024 3:08:56 PM

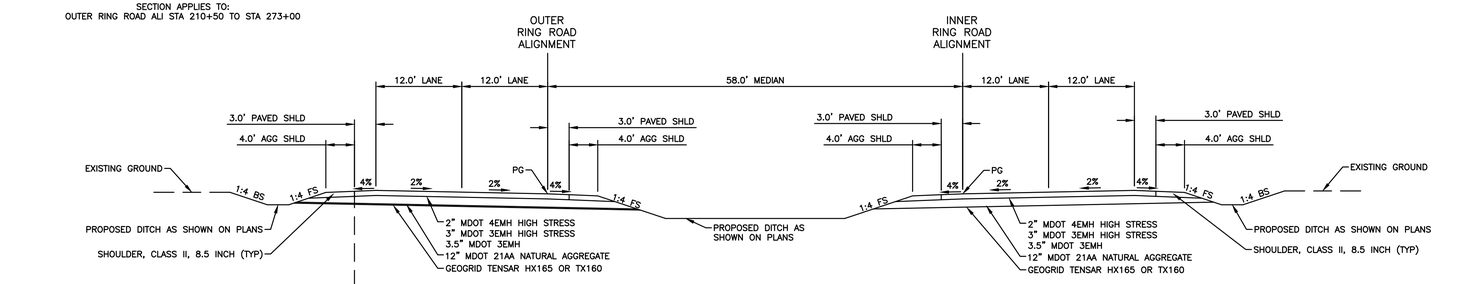


OUTER RING ROAD TYPICAL SECTION
NORMAL CROWN
ASPHALT OPTION

INNER RING ROAD TYPICAL SECTION
NORMAL CROWN
ASPHALT OPTION

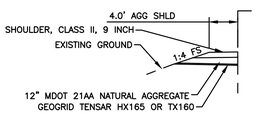


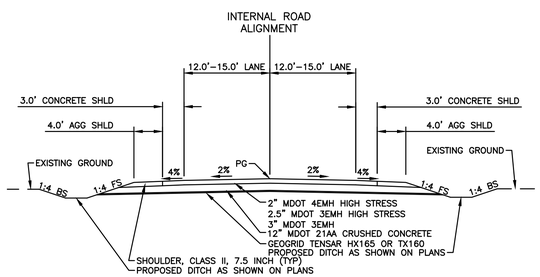
SECTION APPLIES TO:
OUTER RING ROAD ALI STA 210+50 TO STA 273+00



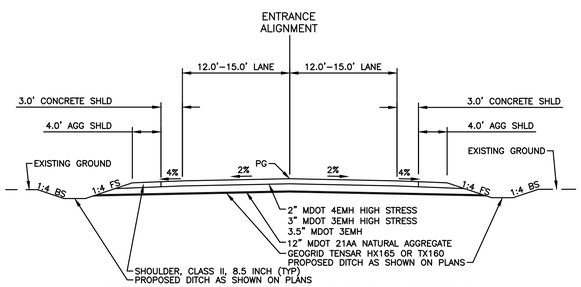
OUTER RING ROAD TYPICAL SECTION
REVERSE CROWN
ASPHALT OPTION

INNER RING ROAD TYPICAL SECTION
REVERSE CROWN
ASPHALT OPTION

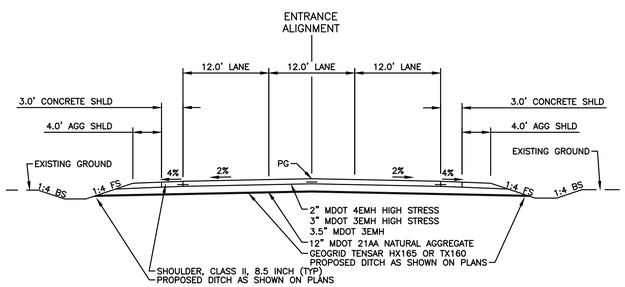




INTERNAL ROAD TYPICAL SECTION
ASPHALT OPTION



TWO–LANE ENTRANCE TYPICAL SECTION
ASPHALT OPTION



THREE–LANE ENTRANCE TYPICAL SECTION
ASPHALT OPTION

NOTE: SEE LANDSCAPING PLANS FOR SLOPE RESTORATION AND TURF ESTABLISHMENT.

PRELIMINARY
NOT FOR CONSTRUCTION

FORD LAND
17000 ROTUNDA DR, 1ST FLOOR SOUTH
DEARBORN, MICHIGAN 48120-1168
USA

Walbridge

BUILDING SITE CODE: XXX
FORD PROJECT NUMBER: XXXX-XX

WADE TRIM
25251 Northline Rd.
Taylor, MI 48180
734.947.9700
www.wadetrim.com
PROJECT NUMBER: WAB2004.01H

ERICH VINCENT VISSCHER
ENGINEER
NO. 43997
STATE OF MICHIGAN
REGISTERED PROFESSIONAL ENGINEER

THIS DRAWING HAS BEEN PREPARED BY OR ON BEHALF OF FORD MOTOR COMPANY. FORD MOTOR COMPANY RETAINS ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING COPYRIGHTS. THIS DRAWING SHALL NOT BE USED FOR ANY PURPOSE OTHER THAN PERFORMING SERVICES DIRECTLY OR INDIRECTLY TO FORD MOTOR COMPANY, WITHOUT THE EXPRESSED WRITTEN PERMISSION OF FORD MOTOR COMPANY. UNAUTHORIZED USE, COPYING OR MODIFICATION, INCLUDING THE REMOVAL OF THIS NOTE MAY CONSTITUTE A VIOLATION OF CIVIL OR CRIMINAL LAWS ENFORCEABLE BY FORD OR GOVERNMENTAL AGENCIES.

COPYRIGHT © FORD MOTOR COMPANY (2009)

DATE	ISSUED FOR
02/29/2024	• SITE PLAN RESUBMITTAL
06/29/2023	• SITE PLAN RESUBMITTAL
04/25/2023	• SITE PLAN APPROVAL
04/14/2023	• SITE PLAN PRE APPLICATION

IN CHARGE:	J CIESIELSKI
DRAWN BY:	M KAMINSKI
DESIGNED BY:	S DODSON
CHECKED BY:	B NARTKER
APPROVED BY:	E SMITH

SHEET TITLE

ROAD TYPICALS (2 OF 2)

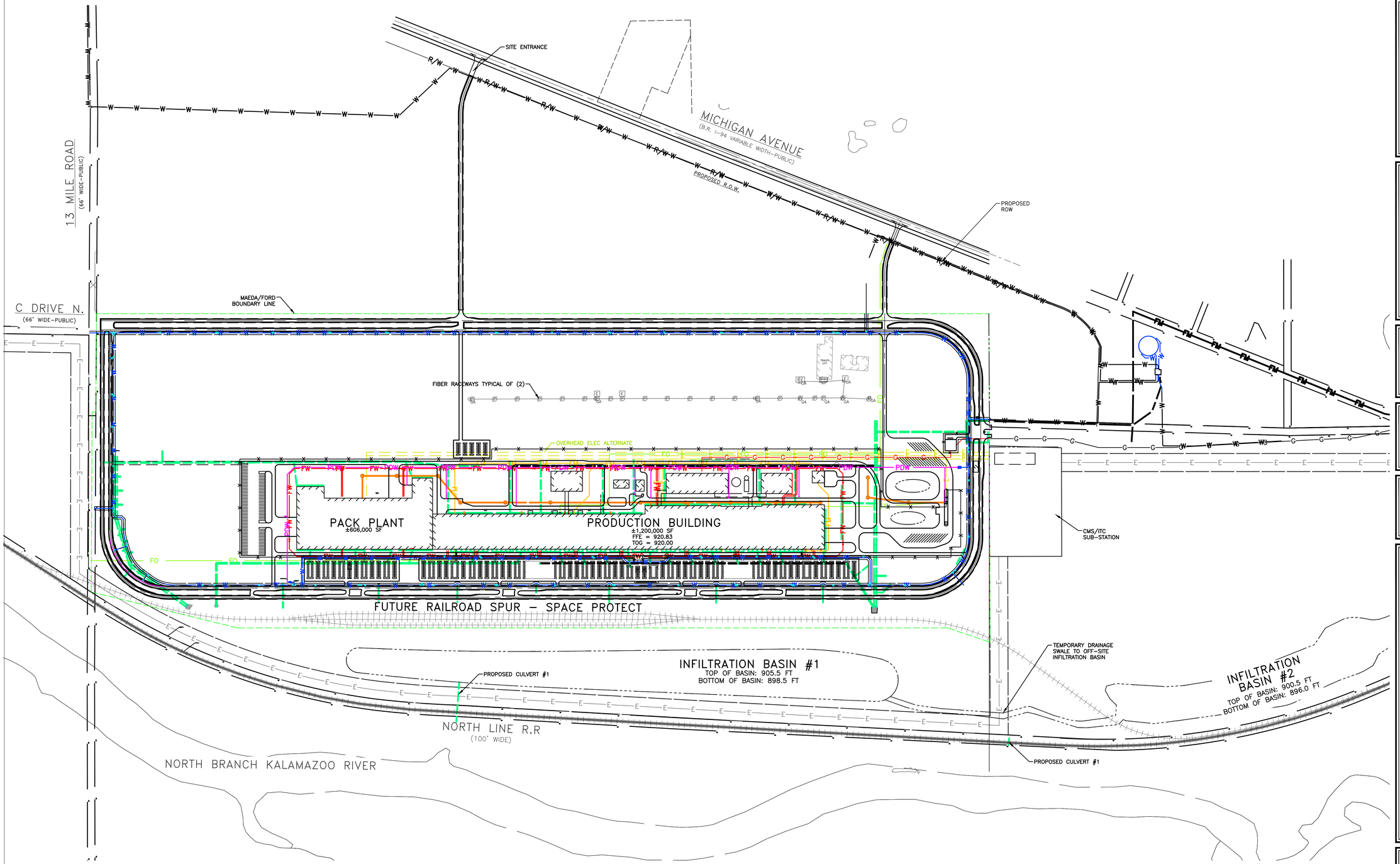
FORD DWG NO. REV. #

SHEET NUMBER

C2.7

C:\Users\ELopez\DC\ACCDocs\Walk Trim\FRD2011-05F Project Hickory\Project Files\01 Design\Civil 3D\Phase 01\Plan Sheets\SPA\1000112-001-CS-ROAD TYPICALS-A22-WADE.dwg
LOPEZ, EMILY
SAVE DATE: 2/27/2024 2:19:09 PM
PLOT DATE: 2/27/2024 3:08:51 PM

PRINTED COPIES ARE UNCONTROLLED



PROPOSED UTILITY LEGEND

SANITARY SEWER LINE		SANITARY FORCE MAIN	FM FM
STORM SEWER LINE		DOMESTIC WATER HYDRANT	
DOMESTIC WATER LINE	W W	DOMESTIC WATER VALVE	
FORD DOMESTIC WATER LINE	PDW	FORD DOMESTIC WATER VALVE	
FIREWATER LINE	FW FW	FORD DOMESTIC WATER HYDRANT	
UNDERGROUND ELECTRIC	UE UE	FIREWATER VALVE	
NATURAL GAS	G G		
OVERHEAD ELECTRIC	E E	OVERHEAD ELEC. ALTERNATE	
FIBER OPTIC	FO		

Know what's **below.** **Call** before you dig.

NOTE:

NON-COLORED UTILITIES SHOWN FOR OFFSITE PROPOSED IMPROVEMENTS

NORTH

OVERALL UTILITY PLAN

SCALE: 1:400

PRELIMINARY
NOT FOR CONSTRUCTION

FORD LAND
17000 ROTUNDA DR, 1ST FLOOR SOUTH
DEARBORN, MICHIGAN 48120-1168
USA

Walbridge

BUILDING SITE CODE: XXX
FORD PROJECT NUMBER: XXXX-XX

WADE TRIM
25251 Northline Rd.
Taylor, MI 48180
734.947.9700
www.wadetrim.com
PROJECT NUMBER: WAB2004 01H

ERICH VON VOIGTLANDER ENGINEER NO. 45997

THIS DRAWING HAS BEEN PREPARED BY OR ON BEHALF OF FORD MOTOR COMPANY. FORD MOTOR COMPANY RETAINS ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING COPYRIGHTS. THIS DRAWING SHALL NOT BE USED FOR ANY PURPOSE OTHER THAN PERFORMING SERVICES DIRECTLY OR INDIRECTLY TO FORD MOTOR COMPANY, WITHOUT THE EXPRESSED WRITTEN PERMISSION OF FORD MOTOR COMPANY. UNAUTHORIZED USE, COPYING OR MODIFICATION, INCLUDING THE REMOVAL OF THIS NOTE, MAY CONSTITUTE A VIOLATION OF CIVIL OR CRIMINAL LAWS ENFORCEABLE BY FORD OR GOVERNMENTAL AGENCIES.

COPYRIGHT © FORD MOTOR COMPANY (2009)

DATE	ISSUED FOR
02/29/2024	• SITE PLAN RESUBMITTAL
06/29/2023	• SITE PLAN RESUBMITTAL
04/25/2023	• SITE PLAN APPROVAL
04/14/2023	• SITE PLAN PRE APPLICATION

IN CHARGE:	J CIESIELSKI
DRAWN BY:	M KAMINSKI
DESIGNED BY:	S DODSON
CHECKED BY:	B NARTKER
APPROVED BY:	E SMITH

SHEET TITLE

OVERALL UTILITY PLAN

FORD DWG NO. REV. #

SHEET NUMBER

C3.0

PRINTED COPIES ARE UNCONTROLLED

PLOT DATE: 2/27/2024 3:08:58 PM SAVE DATE: 2/27/2024 2:46:36 PM LOPEZ, EMILY C:\Users\ELopez\DC\ACCDocs\Wade Trim\FRD0311-06P Project Hickory\Project Files\01 Design\Civil 3D\Phase 01\Plan Sheets\SPA\100113-001-CIU-OVRL UTIL-A22-WADE.dwg

MICHIGAN AVENUE
(B.R. I-94, VARIABLE WIDTH - PUBLIC)

EX 100' R/W

66' R/W

13 MILE ROAD
(66' WIDE-PUBLIC)

C DRIVE N.
(66' WIDE-PUBLIC)

MAEDA/FORD PROPERTY LINE

UNDERGROUND ELECTRIC FOR LIGHTING

30' WIDE DOMESTIC WATER MAIN EASEMENT

FIRE HYDRANT, TYP.

CITY OF MARSHALL 16" DOMESTIC WATER

MATCHLINE SEE SHEET C3.2

MATCHLINE SEE SHEET C3.3

Know what's **below.**
Call before you dig.

NORTH

UTILITY PLAN (1 OF 4)

SCALE: 1:200

PRELIMINARY
NOT FOR CONSTRUCTION

FORDLAND

17000 ROTUNDA DR, 1ST FLOOR SOUTH
DEARBORN, MICHIGAN 48120-1168
USA

Walbridge

BUILDING SITE CODE: XXX
FORD PROJECT NUMBER: XXXX-XX

WADE TRIM
25251 Northline Rd.
Taylor, MI 48180
734.947.9700
www.wadetrim.com

PROJECT NUMBER: WAB2004.01H

ERICH VON VIETT
REGISTERED ENGINEER
NO. 45997

THIS DRAWING HAS BEEN PREPARED BY OR ON BEHALF OF FORD MOTOR COMPANY. FORD MOTOR COMPANY RETAINS ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING COPYRIGHTS. THIS DRAWING SHALL NOT BE USED FOR ANY PURPOSE OTHER THAN PERFORMING SERVICES DIRECTLY OR INDIRECTLY TO FORD MOTOR COMPANY, WITHOUT THE EXPRESSED WRITTEN PERMISSION OF FORD MOTOR COMPANY. UNAUTHORIZED USE, COPYING OR MODIFICATION, INCLUDING THE REMOVAL OF THIS NOTE, MAY CONSTITUTE A VIOLATION OF CIVIL OR CRIMINAL LAWS ENFORCEABLE BY FORD OR GOVERNMENTAL AGENCIES.

COPYRIGHT © FORD MOTOR COMPANY (2009)

DATE	ISSUED FOR
02/29/2024	• SITE PLAN RESUBMITTAL
06/29/2023	• SITE PLAN RESUBMITTAL
04/25/2023	• SITE PLAN APPROVAL
04/14/2023	• SITE PLAN PRE APPLICATION

IN CHARGE:	J CIESIELSKI
DRAWN BY:	M KAMINSKI
DESIGNED BY:	S DODSON
CHECKED BY:	B NARTKER
APPROVED BY:	E SMITH

SHEET TITLE

UTILITY PLAN (1 OF 4)

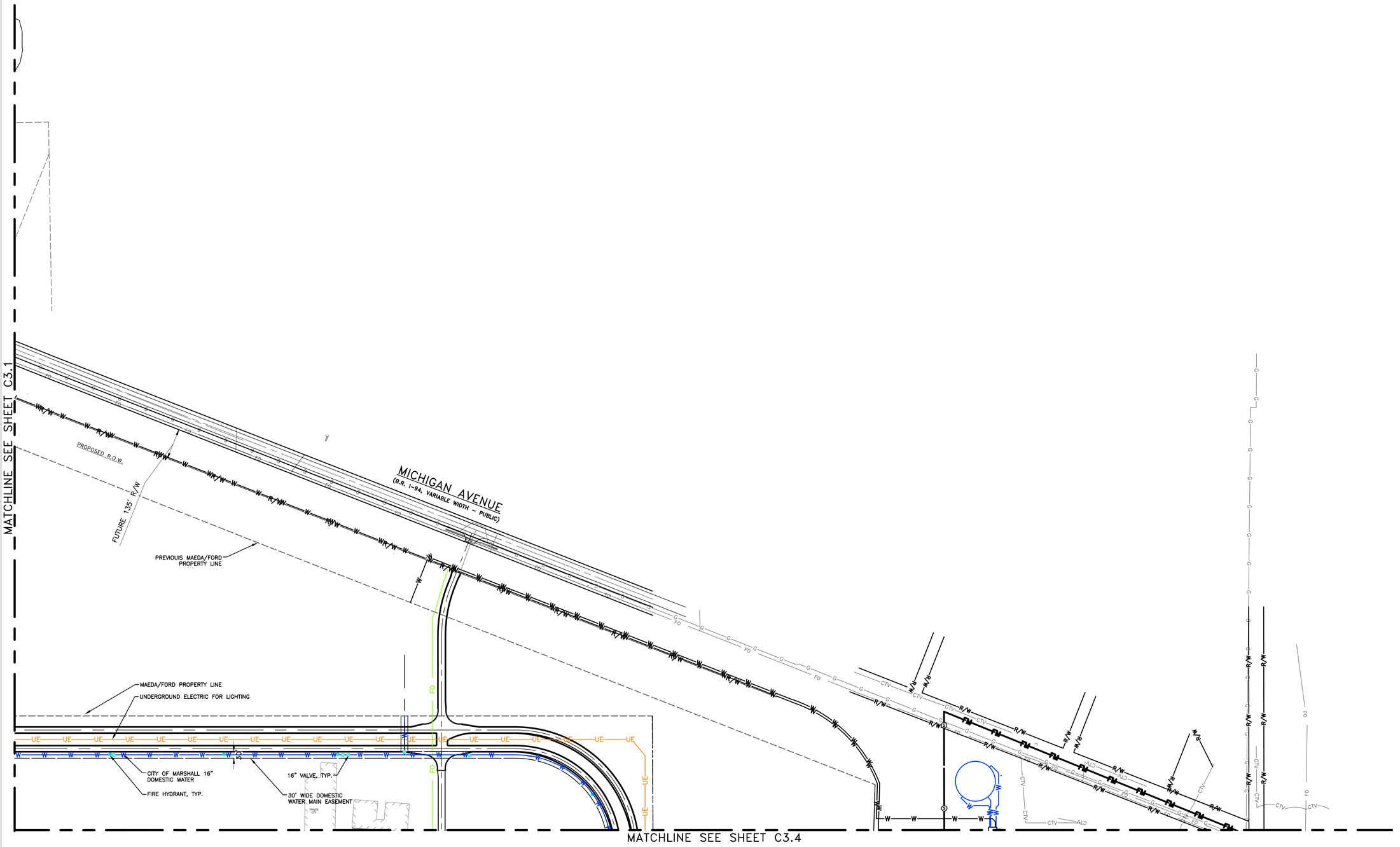
FORD DWG NO. REV. #

SHEET NUMBER

C3.1

PRINTED COPIES ARE UNCONTROLLED

C:\Users\ELopez\DCAC\Documents\Wade Trim\R\20011.05F Project Hickory\Project Files\01 Design\Civil 3D\Phase 01\Plan Sheets\SPA\100012.001-CU-UTIL-A4ZX-WADE.dwg
LOPEZ, EMILY
SAVE DATE: 2/27/2024 1:50:28 PM
PLOT DATE: 2/27/2024 3:10:59 PM



Know what's **below.** **Call** before you dig.

NORTH

UTILITY PLAN (2 OF 4)

SCALE: 1:200

PRELIMINARY
NOT FOR CONSTRUCTION

FORDLAND

17000 ROTUNDA DR, 1ST FLOOR SOUTH
DEARBORN, MICHIGAN 48120-1168
USA

Walbridge

BUILDING SITE CODE: XXX
FORD PROJECT NUMBER: XXXX-XX

WADE TRIM
25251 Northline Rd.
Taylor, MI 48180
734.947.9700
www.wadetrim.com

PROJECT NUMBER: WAB2004.01H

STATE OF MICHIGAN
ERICH L. VENETZ
ENGINEER
NO. 43087
REGISTERED PROFESSIONAL ENGINEER

THIS DRAWING HAS BEEN PREPARED BY OR ON BEHALF OF FORD MOTOR COMPANY. FORD MOTOR COMPANY RETAINS ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING COPYRIGHTS. THIS DRAWING SHALL NOT BE USED FOR ANY PURPOSE OTHER THAN PERFORMING SERVICES DIRECTLY OR INDIRECTLY TO FORD MOTOR COMPANY, WITHOUT THE EXPRESSED WRITTEN PERMISSION OF FORD MOTOR COMPANY. UNAUTHORIZED USE, COPYING OR MODIFICATION, INCLUDING THE REMOVAL OF THIS NOTE, MAY CONSTITUTE A VIOLATION OF CIVIL OR CRIMINAL LAWS ENFORCEABLE BY FORD OR GOVERNMENTAL AGENCIES.

COPYRIGHT © FORD MOTOR COMPANY (2009)

DATE	ISSUED FOR
02/29/2024	• SITE PLAN RESUBMITTAL
06/29/2023	• SITE PLAN RESUBMITTAL
04/25/2023	• SITE PLAN APPROVAL
04/14/2023	• SITE PLAN PRE APPLICATION

IN CHARGE:	J CIESIELSKI
DRAWN BY:	M KAMINSKI
DESIGNED BY:	S DODSON
CHECKED BY:	B NARTKER
APPROVED BY:	E SMITH

SHEET TITLE

UTILITY PLAN (2 OF 4)

FORD DWG NO. REV. #

SHEET NUMBER

C3.2

PRINTED COPIES ARE UNCONTROLLED

PLOT DATE: 2/27/2024 3:11:19 PM | LOPEZ, EMILY | SAVE DATE: 2/27/2024 2:50:28 PM | C:\Users\ELopez\DCAC\Documents\Wade Trim\R0220111.05F Project Hickory\Project Files\01 Design\Civil 3D\Phase 01\Plan Sheets\SPA1100012.001\C3-UTIL-MAZE-HADE.dwg

MATCHLINE SEE SHEET C3.1

FIBER RACEWAYS TYPICAL OF (2)

NATURAL GAS LINE

INDUSTRIAL WASTE LINE

OVHD ELEC. ALT

FIBER OPTIC LINE

12" FIRE WATER MAIN

12" FIRE WATER MAIN

12" PRIVATE DOMESTIC WATER MAIN

PACK PLANT
±606,000 SF

PRODUCTION BUILDING
±1,200,000 SF
FFE = 920.83
TOG = 920.00

FIBER OPTIC LINE

30' WIDE DOMESTIC WATER MAIN EASEMENT

CITY WATER METER TO FORD DOMESTIC WATER LINE

FIRE HYDRANT, TYP.
16" VALVE, TYP.
CITY OF MARSHALL 16" DOMESTIC WATER

UNDERGROUND ELECTRIC FOR LIGHTING

FUTURE RAILROAD SPUR – SPACE PROTECT

NORTH LINE R.R. R.O.W.

NORTH LINE R.R.

PROPOSED POND OUTFALL AND CULVERT #1

NORTH LINE R.R
(100' WIDE)

NORTH BRANCH KALAMAZOO RIVER

MATCHLINE SEE SHEET C3.4

Know what's **below.**
Call before you dig.

NORTH

UTILITY PLAN (3 OF 4)

SCALE: 1:200

PRELIMINARY
NOT FOR CONSTRUCTION

FORDLAND

17000 ROTUNDA DR, 1ST FLOOR SOUTH
DEARBORN, MICHIGAN 48120-1168
USA

Walbridge

BUILDING SITE CODE: XXX
FORD PROJECT NUMBER: XXXX-XX

WADE TRIM
25251 Northline Rd.
Taylor, MI 48180
734.947.9700
www.wadetrim.com

PROJECT NUMBER: WAB2004.01H

THIS DRAWING HAS BEEN PREPARED BY OR ON BEHALF OF FORD MOTOR COMPANY. FORD MOTOR COMPANY RETAINS ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING COPYRIGHTS. THIS DRAWING SHALL NOT BE USED FOR ANY PURPOSE OTHER THAN PERFORMING SERVICES DIRECTLY OR INDIRECTLY TO FORD MOTOR COMPANY, WITHOUT THE EXPRESSED WRITTEN PERMISSION OF FORD MOTOR COMPANY. UNAUTHORIZED USE, COPYING OR MODIFICATION, INCLUDING THE REMOVAL OF THIS NOTE, MAY CONSTITUTE A VIOLATION OF CIVIL OR CRIMINAL LAWS ENFORCEABLE BY FORD OR GOVERNMENTAL AGENCIES.

COPYRIGHT © FORD MOTOR COMPANY (2009)

DATE	ISSUED FOR
02/29/2024	• SITE PLAN RESUBMITTAL
06/29/2023	• SITE PLAN RESUBMITTAL
04/25/2023	• SITE PLAN APPROVAL
04/14/2023	• SITE PLAN PRE APPLICATION

IN CHARGE:	J CIESIELSKI
DRAWN BY:	M KAMINSKI
DESIGNED BY:	S DODSON
CHECKED BY:	B NARTKER
APPROVED BY:	E SMITH

SHEET TITLE

UTILITY PLAN (3 OF 4)

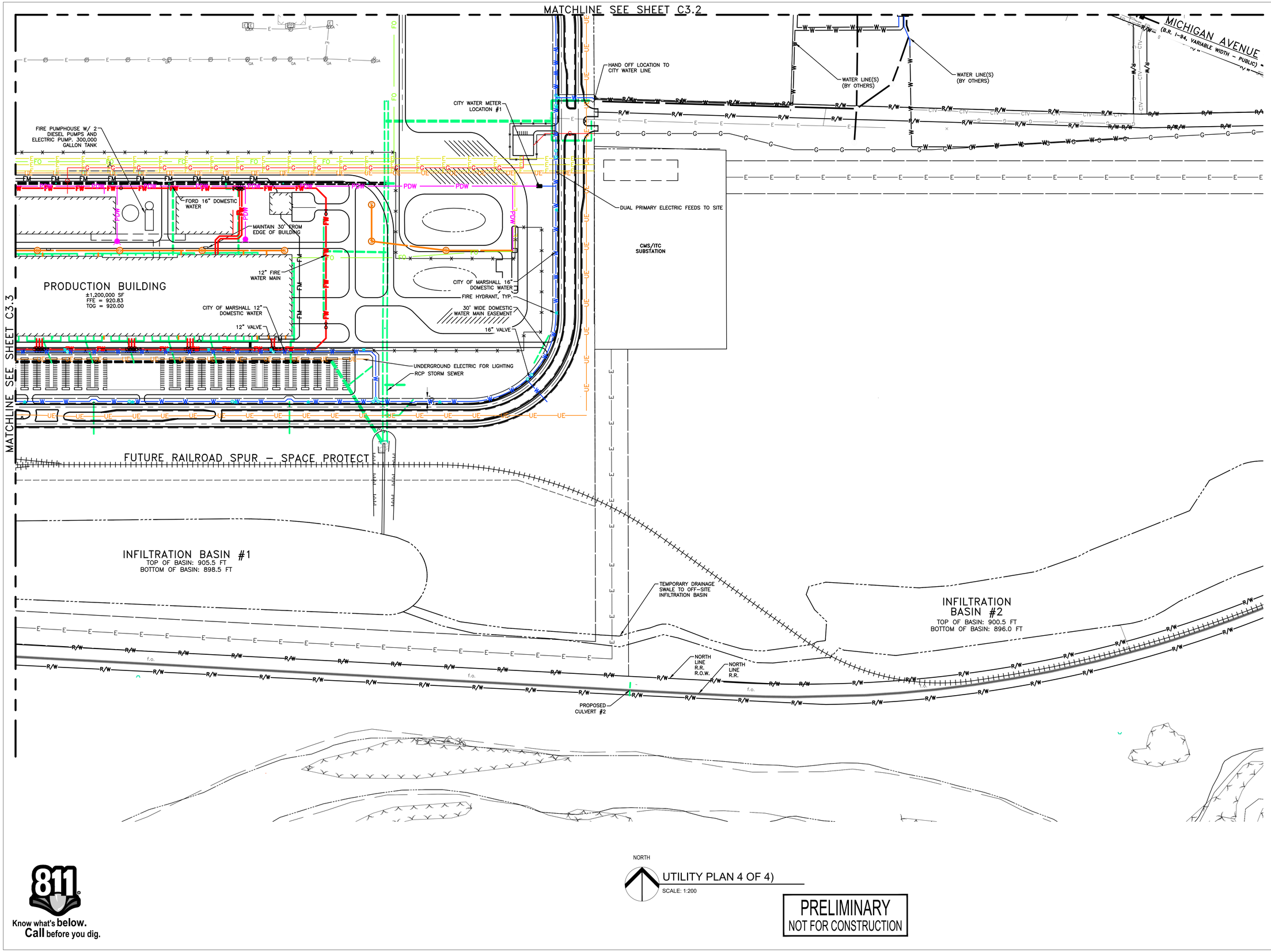
FORD DWG NO. REV. #

SHEET NUMBER

C3.3

PRINTED COPIES ARE UNCONTROLLED

PLOT DATE: 2/27/2024 3:11:41 PM SAVE DATE: 2/27/2024 2:50:28 PM LOPEZ, EMILY C:\Users\Esuper2\DOCS\ACCDocs\Walbridge Trimm\P602011-05F Project Hockey\Project Files\01 Design\Civil 3D\Phase 01\Plan Sheets\BPA1000112\001-CU-UTIL-AE2V-MADE.dwg



PRELIMINARY
NOT FOR CONSTRUCTION

Know what's **below.**
Call before you dig.

FORDLAND
17000 ROTUNDA DR, 1ST FLOOR SOUTH
DEARBORN, MICHIGAN 48120-1168
USA

Walbridge

BUILDING SITE CODE: XXX
FORD PROJECT NUMBER: XXXX-XX

WADE TRIM
25251 Northline Rd.
Taylor, MI 48180
734.947.9700
www.wadetrim.com

PROJECT NUMBER: WAB2004.01H

ERICH J. SCHULTZ 39317 ENGINEER NO. 45987

THIS DRAWING HAS BEEN PREPARED BY OR ON BEHALF OF FORD MOTOR COMPANY. FORD MOTOR COMPANY RETAINS ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING COPYRIGHTS. THIS DRAWING SHALL NOT BE USED FOR ANY PURPOSE OTHER THAN PERFORMING SERVICES DIRECTLY OR INDIRECTLY TO FORD MOTOR COMPANY, WITHOUT THE EXPRESSED WRITTEN PERMISSION OF FORD MOTOR COMPANY. UNAUTHORIZED USE, COPYING OR MODIFICATION, INCLUDING THE REMOVAL OF THIS NOTE, MAY CONSTITUTE A VIOLATION OF CIVIL OR CRIMINAL LAWS ENFORCEABLE BY FORD OR GOVERNMENTAL AGENCIES.

COPYRIGHT © FORD MOTOR COMPANY (2009)

DATE	ISSUED FOR
02/29/2024	• SITE PLAN RESUBMITTAL
06/29/2023	• SITE PLAN RESUBMITTAL
04/25/2023	• SITE PLAN APPROVAL
04/14/2023	• SITE PLAN PRE APPLICATION

IN CHARGE:	J CIESIELSKI
DRAWN BY:	M KAMINSKI
DESIGNED BY:	S DODSON
CHECKED BY:	B NARTKER
APPROVED BY:	E SMITH

SHEET TITLE

UTILITY PLAN (4 OF 4)

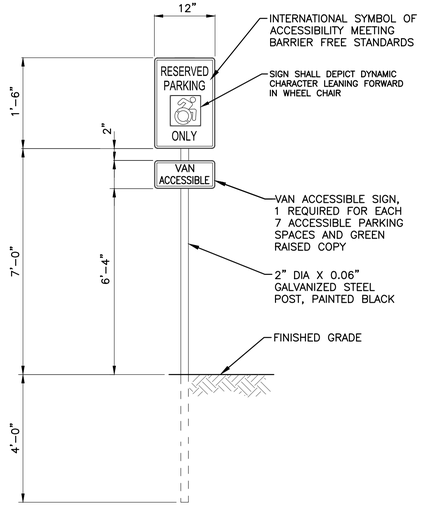
FORD DWG.NO. REV. #

SHEET NUMBER

C3.4

PLOT DATE: 2/27/2024 3:12:02 PM SAVE DATE: 2/27/2024 2:50:28 PM LOPEZ, EMILY C:\Users\ELopez\DOCHUCDocs\Wade Trim\PROJ\211-50\Project Files\01 Design\Civil 3D\Plates 01\Plan Sheets\SPA1100012\201-CU-UTIL-AZ2-HADE.dwg

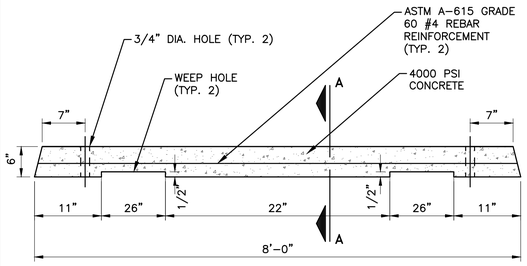
PRINTED COPIES ARE UNCONTROLLED



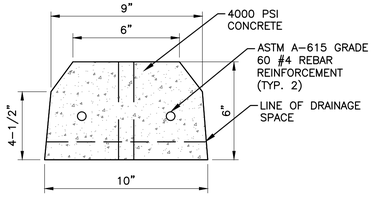
NOTES:

1. SIGN PANEL SHALL BE 0.080" THICK, ALUMINUM SHEET, TYPE 6061–T6 (MDOT TYPE III).
2. HOLES IN SIGN POSTS SHALL BE CONTINUOUS 3/8" DIA HOLES ON 1–INCH CENTERS.
3. POSTS, BOLTS, NUTS AND WASHERS SHALL BE GALVANIZED STEEL.
4. SIGN FACE SHALL BE REFLECTORIZED BACKGROUND AND LETTERING.
5. SIGNS SHALL COMPLY WITH U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION'S "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES," LOCAL CODES AND AS SPECIFIED. MOUNT SIGNS TO POST IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

BARRIER FREE SIGN DETAIL
NTS



PROFILE VIEW

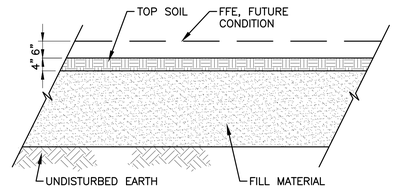


SECTION A–A

NOTES:

1. WHEEL STOPS SHALL BE UNPAINTED EXCEPT WHERE INDICATED ON PLANS.
2. ALL ADA WHEEL STOPS TO BE 6' IN LENGTH.
3. WHEEL STOPS SHALL BE INSTALLED 18" FROM CENTER OF STRIPING OR EDGE OF SIDEWALK.

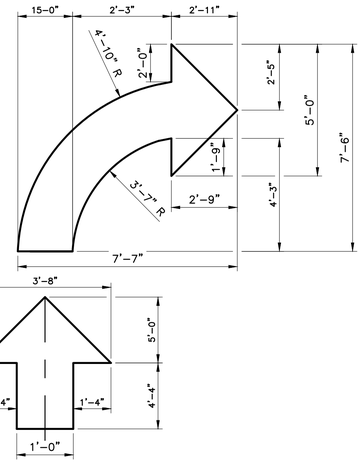
WHEEL STOP DETAIL
NTS



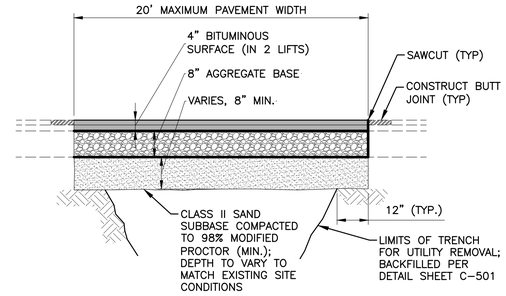
NOTE:

REFER TO SECTION 31 00 00 FOR COMPACTION AND TESTING REQUIREMENTS.

FINISH SURFACE TREATMENT SECTION DETAIL
NTS



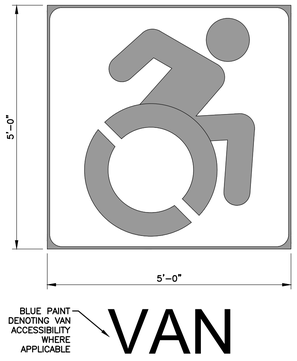
PAINTED ARROWS DETAIL
NTS



NOTE:

ASPHALT PAVEMENT AS SHOWN WILL BE USED TO REPLACE CONCRETE AND ASPHALT PAVEMENTS WHERE PAVEMENT RESTORATION IN AREAS OF UTILITY REMOVAL OR NEW UTILITY PLACEMENT IS INDICATED ON PLANS.

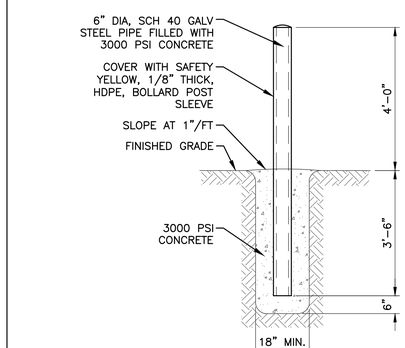
TEMPORARY PAVEMENT RESTORATION DETAIL
NTS



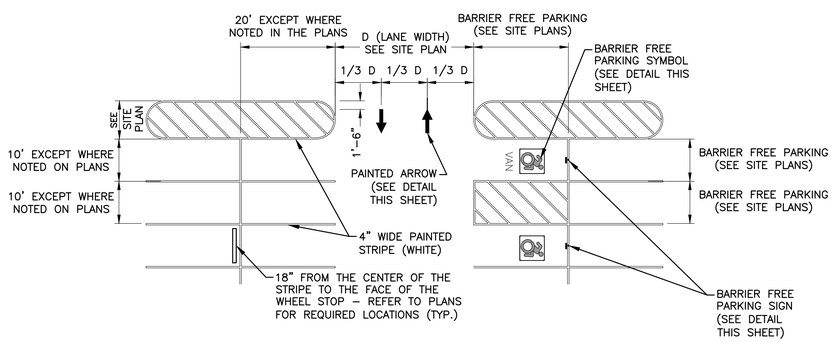
NOTES:

1. SYMBOL SHALL DEPICT A DYNAMIC CHARACTER LEANING FORWARD WITH A SENSE OF MOVEMENT.
2. PROVIDE CONTRASTING BACKGROUND WITH EITHER A WHITE SYMBOL ON BLUE BACKGROUND OR A BLUE SYMBOL ON A WHITE BACKGROUND.
3. SYMBOL SHALL BE SUBSTANTIALLY EQUIVALENT TO THE INTERNATIONAL SYMBOL OF ACCESS.
4. SYMBOL SHALL BE SIMPLE AND AVOID ANY SECONDARY MEANING.

BARRIER FREE SYMBOL DETAIL
NOT TO SCALE



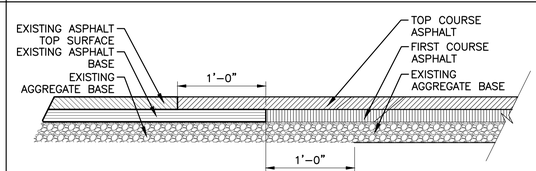
STEEL BOLLARD DETAIL
NTS



NOTE:

ALL BARRIER FREE STRIPING AND SIGNAGE SHALL BE 4'' WIDE PAINTED COLOR SAFETY BLUE

90° PARKING STRIPING DETAIL
NTS



NOTE:

ASPHALT PAVEMENT SECTION AS INDICATED ON PLANS.

ASPHALT PAVEMENT BUTT JOINT
NTS

NOTES:

1. PARKING SIGNS MOUNTED BELOW A PARENT SIGN MAY HAVE A BOTTOM HEIGHT 1' OR 1'–6" (DEPENDING ON SIGN SIZE) LESS THAN BOTTOM HEIGHT LISTED FOR PARENT SIGNS.
2. BOTTOM HEIGHT OF ALL SIGNS ARE 7' EXCEPT THE FOLLOWING:
   OBJECT MARKERS– 4–0"
   MILE POST MARKERS– 4'–0"
   WRONG WAY/ DO NOT ENTER (FRWY RAMPS)– 4'–0"

Know what's below. Call before you dig.

PRELIMINARY
NOT FOR CONSTRUCTION

FORDLAND
17000 ROTUNDA DR, 1ST FLOOR SOUTH
DEARBORN, MICHIGAN 48120-1168
USA

Walbridge

BUILDING SITE CODE: XXX
FORD PROJECT NUMBER: XXXX-XX

WADE TRIM
25251 Northline Rd.
Taylor, MI 48180
734.947.9700
www.wadetrim.com
PROJECT NUMBER: WAB2004.01H

ERICH VON VIERTH ENGINEER NO. 45087

THIS DRAWING HAS BEEN PREPARED BY OR ON BEHALF OF FORD MOTOR COMPANY. FORD MOTOR COMPANY RETAINS ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING COPYRIGHTS. THIS DRAWING SHALL NOT BE USED FOR ANY PURPOSE OTHER THAN PERFORMING SERVICES DIRECTLY OR INDIRECTLY TO FORD MOTOR COMPANY, WITHOUT THE EXPRESSED WRITTEN PERMISSION OF FORD MOTOR COMPANY. UNAUTHORIZED USE, COPYING OR MODIFICATION, INCLUDING THE REMOVAL OF THIS NOTE, MAY CONSTITUTE A VIOLATION OF CIVIL OR CRIMINAL LAWS ENFORCEABLE BY FORD OR GOVERNMENTAL AGENCIES.

COPYRIGHT © FORD MOTOR COMPANY (2009)

DATE	ISSUED FOR
02/29/2024	• SITE PLAN RESUBMITTAL
06/29/2023	• SITE PLAN RESUBMITTAL
04/25/2023	• SITE PLAN APPROVAL
04/14/2023	• SITE PLAN PRE APPLICATION

IN CHARGE:	J CIESIELSKI
DRAWN BY:	M KAMINSKI
DESIGNED BY:	S DODSON
CHECKED BY:	B NARTKER
APPROVED BY:	E SMITH

SHEET TITLE

PAVING & ROADWAY DETAILS

FORD DWG NO. REV. #

SHEET NUMBER

C4.0

PLOT DATE: 2/27/2024 3:12:20 PM | SAVE DATE: 2/23/2024 2:31:16 PM | LOPEZ, EMILY | C:\Users\ElopezDCAD\Documents\Walbridge\Trim\FRD2011.05\Project Files\01 Design\Civil 3D\Phase 01\Plan Sheets\SPM-100011240\1-CDTLS-A22.NVAD.E.dwg

PRINTED COPIES ARE UNCONTROLLED

LEGEND

AGGREGATE [MDOT 6A] (CROSS SECTION)

CONCRETE

CONSTRUCTION ENTRANCE

SAND

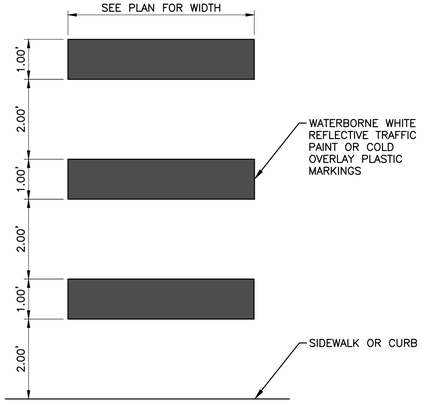
WETLAND

PAVEMENT

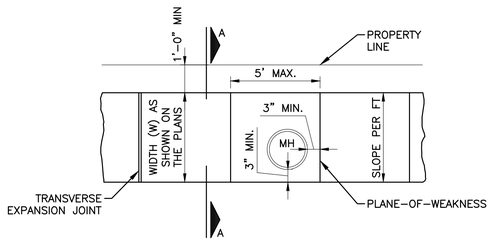
MANICURED GRASS LAWN

NATIVE NO–MOW SEEDED AREA

EXISTING GROUND

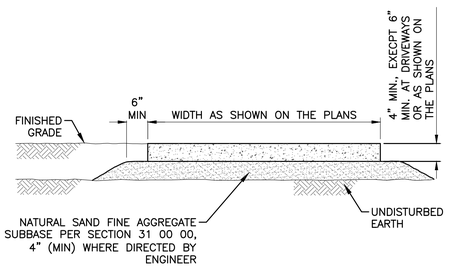


CROSSWALK DETAIL
NTS



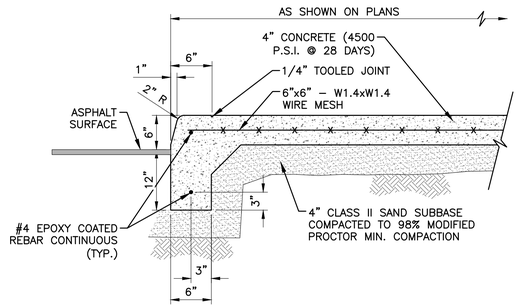
PLAN VIEW

SIDEWALK PLAN DETAIL
NTS



SECTION A–A

TYPICAL SIDEWALK DETAIL
NTS



CONCRETE WALK W/ THICKENED EDGE DETAIL
NTS

SIDEWALK NOTES:

1. ONE–HALF INCH TRANSVERSE EXPANSION JOINTS SHALL BE PLACED THROUGH THE SIDEWALK AT UNIFORM INTERVALS OF NOT MORE THAN 1 EVERY 50 FEET. A ONE–INCH EXPANSION JOINTS SHALL ALSO BE PLACED BETWEEN THE SIDEWALK AND ABUTTING PARALLEL CURB, BUILDINGS, RIGID STRUCTURES, CONCRETE DRIVES AND CONCRETE DRIVE APPROACHES. ONE–INCH EXPANSION JOINTS SHALL ALSO BE PLACED BETWEEN SIDEWALK RAMPS AND BACK OF CURB.
2. PLANE–OF–WEAKNESS JOINTS SHALL BE PLACED EVERY 5 FEET AND BE PRODUCED BY CUTTING JOINTS IN THE CONCRETE, AFTER FLOATING, TO A DEPTH OF NOT LESS THAN ONE–FOURTH THE THICKNESS OF THE SIDEWALK. THE CUT JOINTS SHALL BE NOT LESS THAN 1/8–INCH NOR MORE THAN 1/4 –INCH IN WIDTH AND SHALL BE FINISHED SMOOTH AND TRUE TO LINE.
3. ALL JOINTS SHALL BE SEALED WITH TWO–COMPONENT, COLD APPLIED, POLYUREA JOINT SEALANT PER SPECIFICATION SECTION 03 30 00. THIS INCLUDES REMOVING THE EXPANSION JOINT COVERS (ZIP–STRIP) AND SEALING JOINT.

SIDEWALK RAMP NOTES:

1. SIDEWALK RAMP CONSTRUCTION AND DETECTABLE WARNING DETAILS SHALL BE IN ACCORDANCE WITH MDOT STANDARD PLAN (OR SPECIAL DETAILS) R–28–SERIES.
2. SIDEWALK RAMPS AS CALLED FOR ON THE PLANS SHALL HAVE DETECTABLE WARNINGS THAT CONTRAST VISUALLY WITH THE ADJACENT WALKING SURFACE.
3. DETECTABLE WARNING SHALL CONSIST OF 2'x2' CAST IRON DETECTABLE WARNING PLATES (QUICK CONNECT OR BOLTED PLATES) BY NEENAH FOUNDARY OR EAST JORDAN IRON WORKS "DURALAST" – NON PAINTED.

Know what's **below.**
Call before you dig.

PRELIMINARY
NOT FOR CONSTRUCTION

FORDLAND
17000 ROTUNDA DR, 1ST FLOOR SOUTH
DEARBORN, MICHIGAN 48120-1168
USA

Walbridge

BUILDING SITE CODE: XXX
FORD PROJECT NUMBER: XXXX-XX

WADE TRIM
25251 Northline Rd.
Taylor, MI 48180
734.947.9700
www.wadetrim.com
PROJECT NUMBER: WAB2004.01H

ERICH J. VOSS
VOSS
ENGINEER
NO. 46987

THIS DRAWING HAS BEEN PREPARED BY OR ON BEHALF OF FORD MOTOR COMPANY. FORD MOTOR COMPANY RETAINS ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING COPYRIGHTS. THIS DRAWING SHALL NOT BE USED FOR ANY PURPOSE OTHER THAN PERFORMING SERVICES DIRECTLY OR INDIRECTLY TO FORD MOTOR COMPANY, WITHOUT THE EXPRESSED WRITTEN PERMISSION OF FORD MOTOR COMPANY. UNAUTHORIZED USE, COPYING OR MODIFICATION, INCLUDING THE REMOVAL OF THIS NOTE, MAY CONSTITUTE A VIOLATION OF CIVIL OR CRIMINAL LAWS ENFORCEABLE BY FORD OR GOVERNMENTAL AGENCIES.

COPYRIGHT © FORD MOTOR COMPANY (2009)

DATE	ISSUED FOR
02/29/2024	• SITE PLAN RESUBMITTAL
06/29/2023	• SITE PLAN RESUBMITTAL
04/25/2023	• SITE PLAN APPROVAL
04/14/2023	• SITE PLAN PRE APPLICATION

IN CHARGE:	J CIESIELSKI
DRAWN BY:	M KAMINSKI
DESIGNED BY:	S DODSON
CHECKED BY:	B NARTKER
APPROVED BY:	E SMITH

SHEET TITLE

SIDEWALK DETAILS

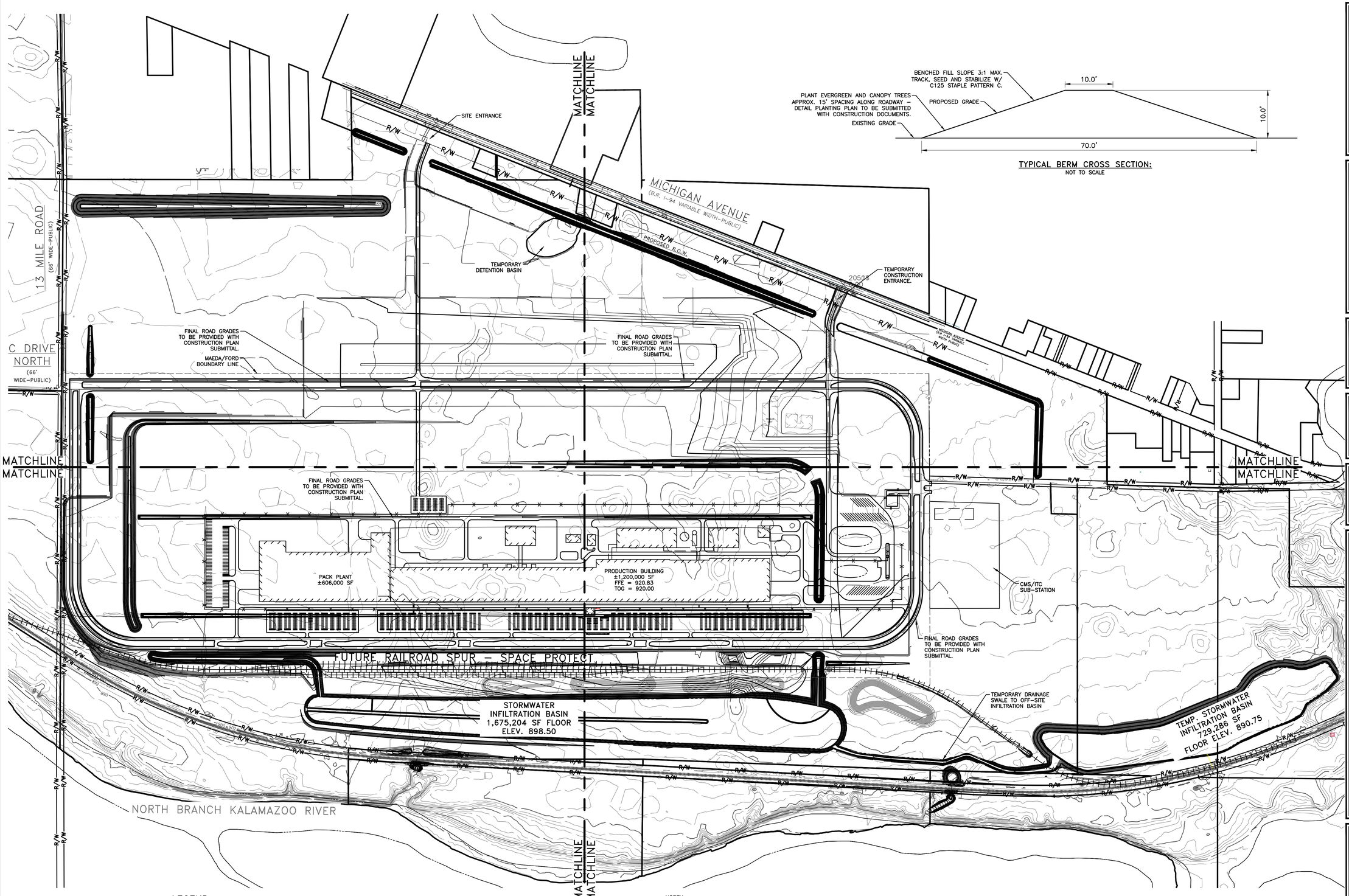
FORD DWG NO. REV. #

SHEET NUMBER

C4.1

PRINTED COPIES ARE UNCONTROLLED

PLOT DATE: 2/27/2024 1:12:23 PM SAVE DATE: 2/23/2024 2:31:16 PM LOPEZ, EMILY C:\Users\EmilyLOPEZ\OneDrive - Ford Motor Company\Documents\Civil 3D\Phase 01\Plan Sheets\PSH\10001\2001-C-0115-A2ZHNDE.dwg



TYPICAL BERM CROSS SECTION:
NOT TO SCALE

LEGEND

- MAJOR EXISTING CONTOUR LINE
- MINOR EXISTING CONTOUR LINE
- MAJOR PROPOSED CONTOUR LINE
- MINOR PROPOSED CONTOUR LINE

Know what's **below.** **Call** before you dig.

NORTH

OVERALL GRADING PLAN

SCALE: 1:400

PRELIMINARY
NOT FOR CONSTRUCTION

FORDLAND
17000 ROTUNDA DR, 1ST FLOOR SOUTH
DEARBORN, MICHIGAN 48120-1168
USA

Walbridge

BUILDING SITE CODE: XXX
FORD PROJECT NUMBER: XXXX-XX

WADE TRIM
25251 Northline Rd.
Taylor, MI 48180
734.947.9700
www.wadetrim.com
PROJECT NUMBER: WAB2004.01H

THIS DRAWING HAS BEEN PREPARED BY OR ON BEHALF OF FORD MOTOR COMPANY. FORD MOTOR COMPANY RETAINS ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING COPYRIGHTS. THIS DRAWING SHALL NOT BE USED FOR ANY PURPOSE OTHER THAN PERFORMING SERVICES DIRECTLY OR INDIRECTLY TO FORD MOTOR COMPANY, WITHOUT THE EXPRESSED WRITTEN PERMISSION OF FORD MOTOR COMPANY. UNAUTHORIZED USE, COPYING OR MODIFICATION, INCLUDING THE REMOVAL OF THIS NOTE, MAY CONSTITUTE A VIOLATION OF CIVIL OR CRIMINAL LAWS ENFORCEABLE BY FORD OR GOVERNMENTAL AGENCIES.

COPYRIGHT © FORD MOTOR COMPANY (2009)

DATE:	ISSUED FOR
02/29/2024	• SITE PLAN RESUBMITTAL
06/29/2023	• SITE PLAN RESUBMITTAL
04/25/2023	• SITE PLAN APPROVAL
04/14/2023	• SITE PLAN PRE APPLICATION

IN CHARGE:	J CIESIELSKI
DRAWN BY:	M KAMINSKI
DESIGNED BY:	S DODSON
CHECKED BY:	B NARTKER
APPROVED BY:	E SMITH

SHEET TITLE

OVERALL GRADING PLAN

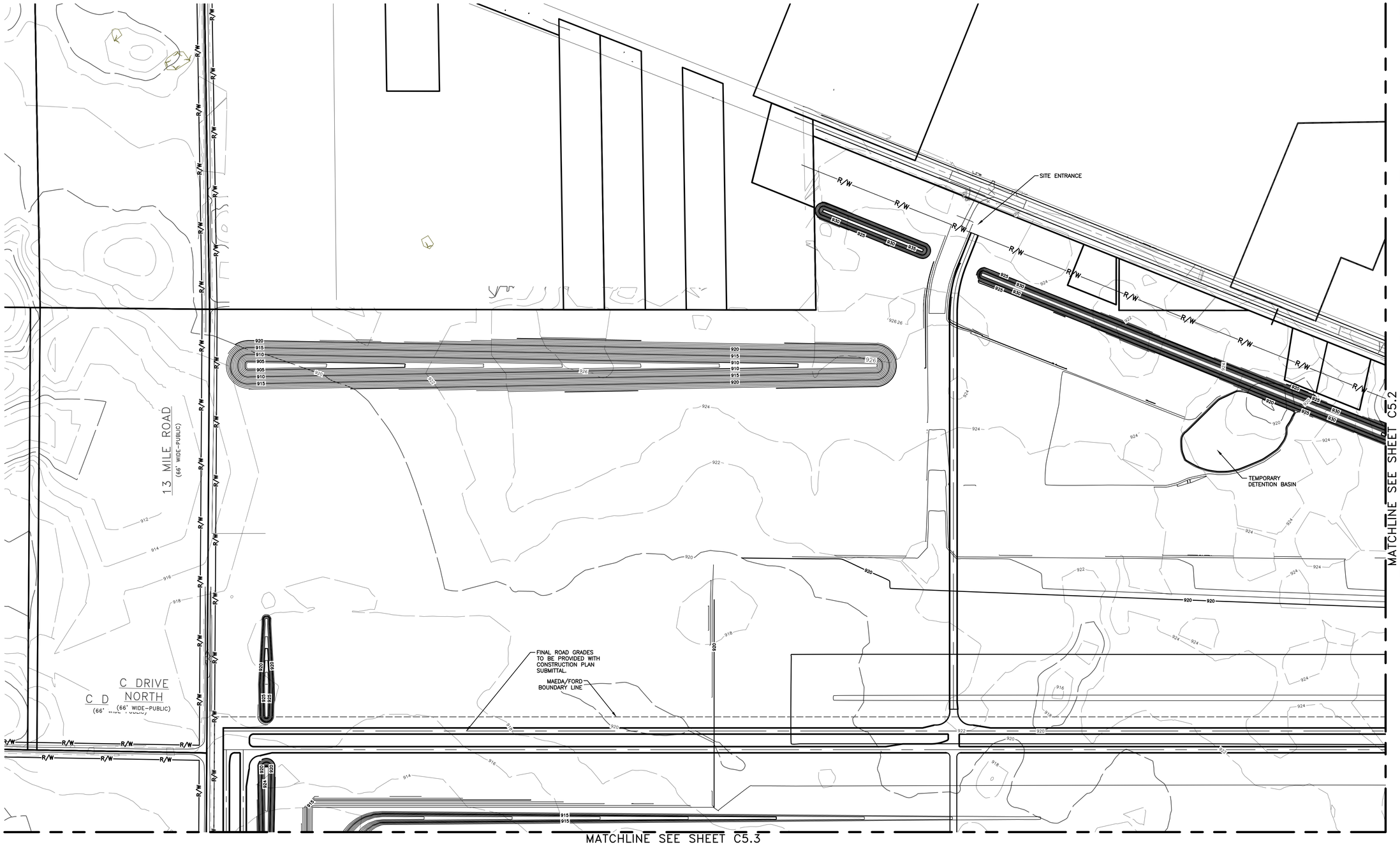
FORD DWG NO. REV. #

SHEET NUMBER

C5.0

PRINTED COPIES ARE UNCONTROLLED

C:\Users\Eclipse\DC\ACDData\Hide Trim\P0026\1165\Project Folder\Project Design\CAd 3D\Phase1\1P\Plan Sheets\SPA1\0001\0261\C5-GRAD-A22.HIDE.dwg
LOPEZ, EMILY
SAVE DATE: 2/29/2024 2:27:00 PM
PLOT DATE: 2/27/2024 3:13:35 PM



NORTH

GRADING PLAN (1 0F 4)

SCALE: 1:200

PRELIMINARY
NOT FOR CONSTRUCTION

Know what's **below.**
Call before you dig.

FORDLAND

17000 ROTUNDA DR, 1ST FLOOR SOUTH
DEARBORN, MICHIGAN 48120-1168
USA

Walbridge

BUILDING SITE CODE: XXX
FORD PROJECT NUMBER: XXXX-XX

WADE TRIM
25251 Northline Rd.
Taylor, MI 48180
734.947.9700
www.wadetrim.com

PROJECT NUMBER: WAB2004.01H

ERICH L. LOPEZ
STATE OF MICHIGAN
ENGINEER
NO. 46987

THIS DRAWING HAS BEEN PREPARED BY OR ON BEHALF OF FORD MOTOR COMPANY. FORD MOTOR COMPANY RETAINS ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING COPYRIGHTS. THIS DRAWING SHALL NOT BE USED FOR ANY PURPOSE OTHER THAN PERFORMING SERVICES DIRECTLY OR INDIRECTLY TO FORD MOTOR COMPANY, WITHOUT THE EXPRESSED WRITTEN PERMISSION OF FORD MOTOR COMPANY. UNAUTHORIZED USE, COPYING OR MODIFICATION, INCLUDING THE REMOVAL OF THIS NOTE, MAY CONSTITUTE A VIOLATION OF CIVIL OR CRIMINAL LAWS ENFORCEABLE BY FORD OR GOVERNMENTAL AGENCIES.

COPYRIGHT © FORD MOTOR COMPANY (2009)

DATE	ISSUED FOR
02/29/2024	• SITE PLAN RESUBMITTAL
06/29/2023	• SITE PLAN RESUBMITTAL
04/25/2023	• SITE PLAN APPROVAL
04/14/2023	• SITE PLAN PRE APPLICATION

IN CHARGE:	J CIESIELSKI
DRAWN BY:	M KAMINSKI
DESIGNED BY:	S DODSON
CHECKED BY:	B NARTKER
APPROVED BY:	E SMITH

SHEET TITLE

GRADING PLAN (1 OF 4)

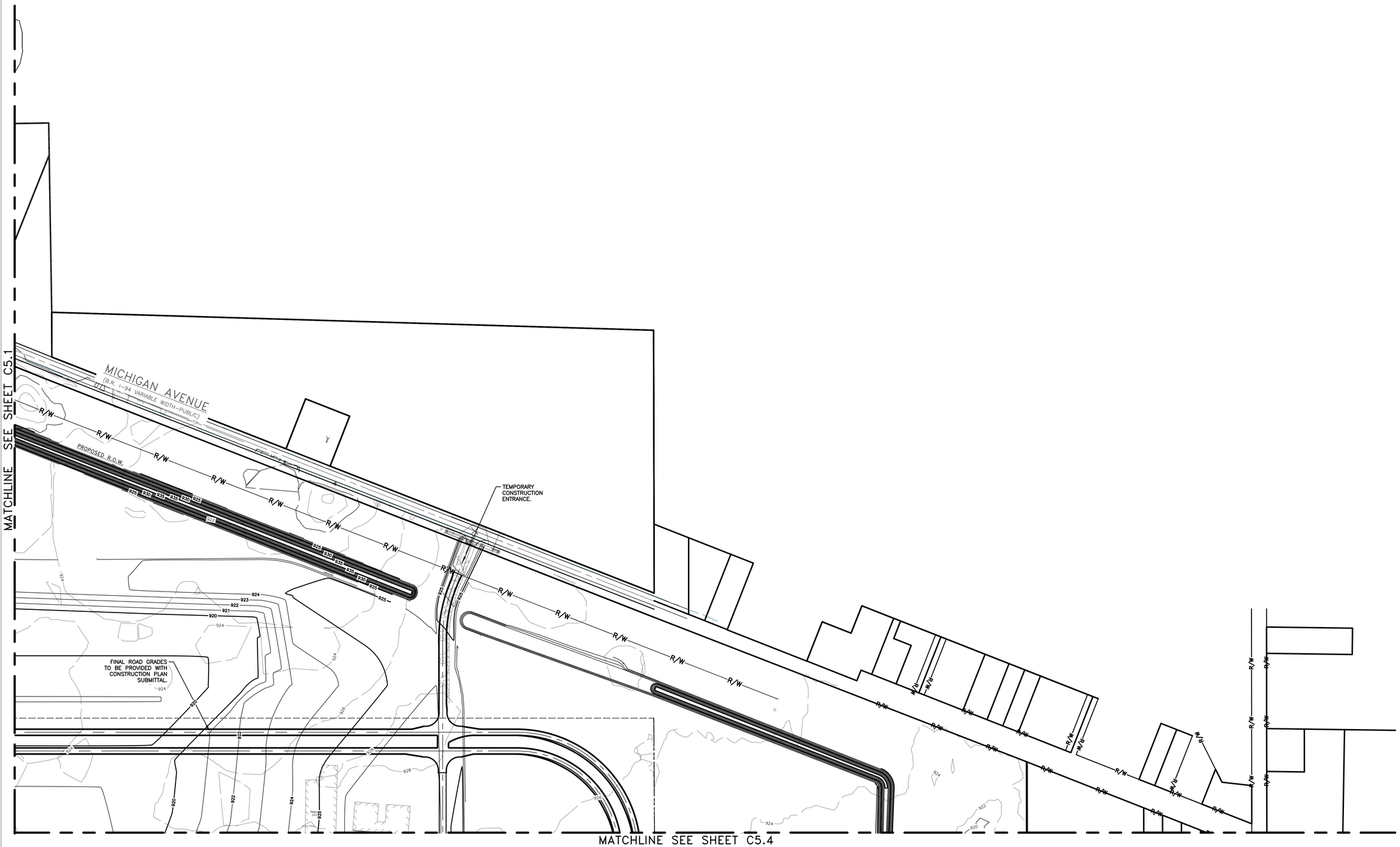
FORD DWG NO. REV. #

SHEET NUMBER

C5.1

PRINTED COPIES ARE UNCONTROLLED

PLOT DATE: 2/27/2024 3:13:57 PM SAVE DATE: 2/26/2024 2:27:03 PM LOPEZ, EMILY C:\Users\ELopez\DOCACCDocs\Wade Trim\PROJ\2011-50* Project Hickory\Project Fields\01 Design\Civil 3D\Phase 1\Plan Sheets\SPA1\00012\001-CG-GRAD-A2\2 HADE.dwg



NORTH

GRADING PLAN (2 OF 4)

SCALE: 1:200

PRELIMINARY
NOT FOR CONSTRUCTION

Know what's **below.**
Call before you dig.

FORDLAND

17000 ROTUNDA DR, 1ST FLOOR SOUTH
DEARBORN, MICHIGAN 48120-1168
USA

Walbridge

BUILDING SITE CODE: XXX
FORD PROJECT NUMBER: XXXX-XX

WADE TRIM
25251 Northline Rd.
Taylor, MI 48180
734.947.9700
www.wadetrim.com

PROJECT NUMBER: WAB2004.01H

ERICH L. VISSER
ENGINEER
No. 43087

THIS DRAWING HAS BEEN PREPARED BY OR ON BEHALF OF FORD MOTOR COMPANY. FORD MOTOR COMPANY RETAINS ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING COPYRIGHTS. THIS DRAWING SHALL NOT BE USED FOR ANY PURPOSE OTHER THAN PERFORMING SERVICES DIRECTLY OR INDIRECTLY TO FORD MOTOR COMPANY, WITHOUT THE EXPRESSED WRITTEN PERMISSION OF FORD MOTOR COMPANY. UNAUTHORIZED USE, COPYING OR MODIFICATION, INCLUDING THE REMOVAL OF THIS NOTE, MAY CONSTITUTE A VIOLATION OF CIVIL OR CRIMINAL LAWS ENFORCEABLE BY FORD OR GOVERNMENTAL AGENCIES.

COPYRIGHT © FORD MOTOR COMPANY (2009)

DATE	ISSUED FOR
02/29/2024	• SITE PLAN RESUBMITTAL
06/29/2023	• SITE PLAN RESUBMITTAL
04/25/2023	• SITE PLAN APPROVAL
04/14/2023	• SITE PLAN PRE APPLICATION

IN CHARGE:	J CIESIELSKI
DRAWN BY:	M KAMINSKI
DESIGNED BY:	S DODSON
CHECKED BY:	B NARTKER
APPROVED BY:	E SMITH

SHEET TITLE

GRADING PLAN (2 OF 4)

FORD DWG NO. REV. #

SHEET NUMBER

C5.2

PRINTED COPIES ARE UNCONTROLLED

C:\Users\E.Lopez\DC\ACCDocs\Wade Trim\PROJ0011\05F Project History\Project Files\01 Design\Civil 3D\Phase 01\Plan Sheets\SPM1000111-C01-GRAD-A2Z-INNDE.dwg
SAVE DATE: 2/29/2024 2:27:03 PM
LOPEZ, EMILY
PLOT DATE: 2/27/2024 5:14:58 PM

MATCHLINE SEE SHEET C5.2

MATCHLINE SEE SHEET C5.4

FINAL ROAD GRADES TO BE PROVIDED WITH CONSTRUCTION PLAN SUBMITTAL.

PACK PLANT
±606,000 SF

PRODUCTION BUILDING
1,200,000 SF
FEE = 920.50
TOG = 920.00

PERMANENT PARKING AREA
± 1,400 SPACES

FUTURE RAILROAD SPUR – SPACE PROTECT

STORMWATER
INFILTRATION BASIN
1,675,204 SF
FLOOR ELEV.
898.00

EX. 5'x3'
BOX CULVERT

NORTH BRANCH KALAMAZOO RIVER

Know what's **below.**
Call before you dig.

NORTH

GRADING PLAN (3 OF 4)
SCALE: 1:200

PRELIMINARY
NOT FOR CONSTRUCTION

FORDLAND
17000 ROTUNDA DR, 1ST FLOOR SOUTH
DEARBORN, MICHIGAN 48120-1168
USA
Ford

Walbridge

BUILDING SITE CODE: XXX
FORD PROJECT NUMBER: XXXX-XX

WADE TRIM
25251 Northline Rd.
Taylor, MI 48180
734.947.9700
www.wadetrim.com
PROJECT NUMBER: WAB2004.01H

ERICH L. KNUTH
VISITING
ENGINEER
NO.
45887

THIS DRAWING HAS BEEN PREPARED BY OR ON BEHALF OF FORD MOTOR COMPANY. FORD MOTOR COMPANY RETAINS ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING COPYRIGHTS. THIS DRAWING SHALL NOT BE USED FOR ANY PURPOSE OTHER THAN PERFORMING SERVICES DIRECTLY OR INDIRECTLY TO FORD MOTOR COMPANY, WITHOUT THE EXPRESSED WRITTEN PERMISSION OF FORD MOTOR COMPANY. UNAUTHORIZED USE, COPYING OR MODIFICATION, INCLUDING THE REMOVAL OF THIS NOTE, MAY CONSTITUTE A VIOLATION OF CIVIL OR CRIMINAL LAWS ENFORCEABLE BY FORD OR GOVERNMENTAL AGENCIES.

COPYRIGHT © FORD MOTOR COMPANY (2009)

DATE	ISSUED FOR
02/29/2024	• SITE PLAN RESUBMITTAL
06/29/2023	• SITE PLAN RESUBMITTAL
04/25/2023	• SITE PLAN APPROVAL
04/14/2023	• SITE PLAN PRE APPLICATION

IN CHARGE:	J CIESIELSKI
DRAWN BY:	M KAMINSKI
DESIGNED BY:	S DODSON
CHECKED BY:	B NARTKER
APPROVED BY:	E SMITH

SHEET TITLE

GRADING PLAN (3 OF 4)

FORD DWG NO. REV. #

SHEET NUMBER

C5.3

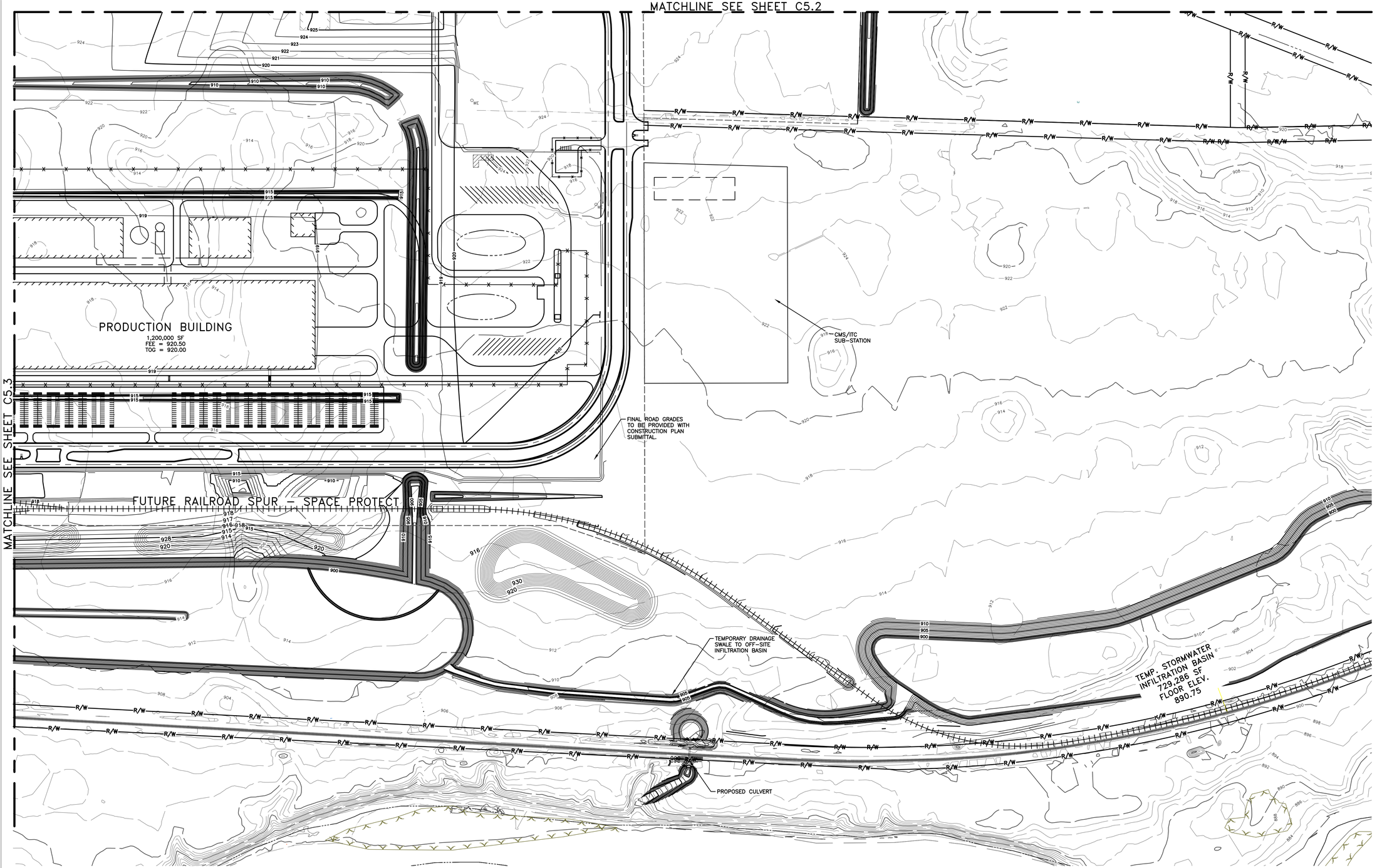
PRINTED COPIES ARE UNCONTROLLED

C:\Users\Eclipse\DOCS\Docs\Wade Trim\PROJECT-SET Project History\Project Files\01 Design\Civil 3D\Phase 01\Plan Sheets\SPK1000110-01\CS-GRAD-A22-WADE.dwg

SAVE DATE: 2/26/2024 2:27:03 PM

LOPEZ, EMILY

PLOT DATE: 2/27/2024 5:14:34 PM



NORTH

GRADING PLAN (4 OF 4)

SCALE: 1:200

PRELIMINARY
NOT FOR CONSTRUCTION

811 Know what's **below.** **Call** before you dig.

FORDLAND

17000 ROTUNDA DR, 1ST FLOOR SOUTH
DEARBORN, MICHIGAN 48120-1168
USA

Ford

Walbridge

BUILDING SITE CODE: XXX
FORD PROJECT NUMBER: XXXX-XX

WADE TRIM
25251 Northline Rd.
Taylor, MI 48180
734.947.9700
www.wadetrim.com

PROJECT NUMBER: WAB2004 01H

ERICH VINCENT VANSTEE ENGINEER NO. 45087

THIS DRAWING HAS BEEN PREPARED BY OR ON BEHALF OF FORD MOTOR COMPANY. FORD MOTOR COMPANY RETAINS ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING COPYRIGHTS. THIS DRAWING SHALL NOT BE USED FOR ANY PURPOSE OTHER THAN PERFORMING SERVICES DIRECTLY OR INDIRECTLY TO FORD MOTOR COMPANY, WITHOUT THE EXPRESSED WRITTEN PERMISSION OF FORD MOTOR COMPANY. UNAUTHORIZED USE, COPYING OR MODIFICATION, INCLUDING THE REMOVAL OF THIS NOTE, MAY CONSTITUTE A VIOLATION OF CIVIL OR CRIMINAL LAWS ENFORCEABLE BY FORD OR GOVERNMENTAL AGENCIES.

COPYRIGHT © FORD MOTOR COMPANY (2009)

02/29/2024	•	SITE PLAN RESUBMITTAL
06/29/2023	•	SITE PLAN RESUBMITTAL
04/25/2023	•	SITE PLAN APPROVAL
04/14/2023	•	SITE PLAN PRE APPLICATION
DATE		ISSUED FOR

IN CHARGE:	J CIESIELSKI
DRAWN BY:	M KAMINSKI
DESIGNED BY:	S DODSON
CHECKED BY:	B NARTKER
APPROVED BY:	E SMITH

SHEET TITLE

GRADING PLAN (4 OF 4)

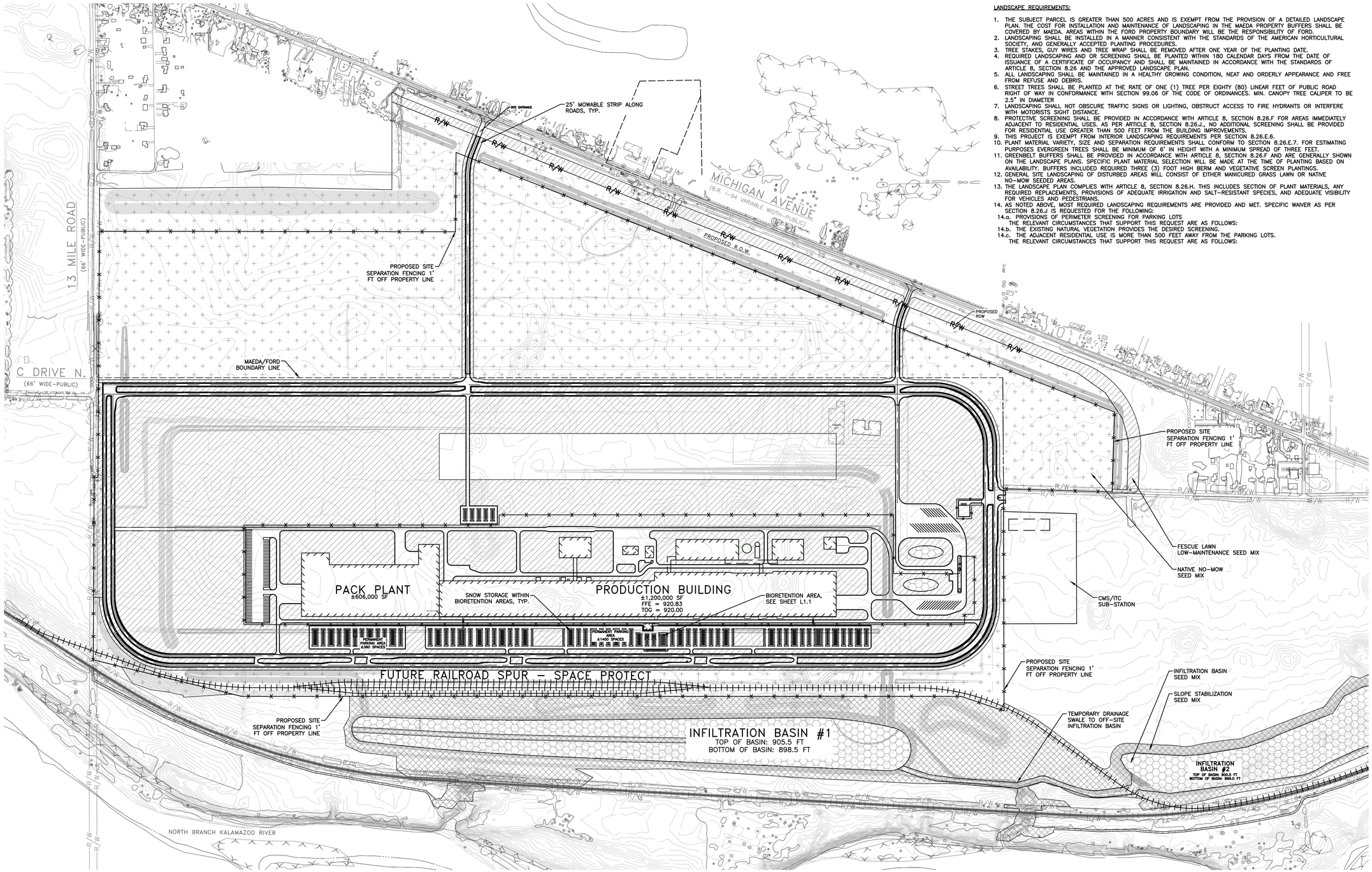
FORD DWG NO. REV. #

SHEET NUMBER

C5.4

PRINTED COPIES ARE UNCONTROLLED

PLOT DATE: 2/27/2024 5:14:42 PM SAVE DATE: 2/26/2024 2:27:55 PM LOPEZ, EMILY C:\Users\EcapezDC\ACCDocs\Wade Trim\FR20011-06\Project Folder\Project Files\01 Design\Civil 3D\Phase 01\Plan Sheets\SPM\10001\12-01\C5-GRAD-A2U.WADE.dwg



LANDSCAPE REQUIREMENTS:

1. THE SUBJECT PARCEL IS GREATER THAN 500 ACRES AND IS EXEMPT FROM THE PROVISION OF A DETAILED LANDSCAPE PLAN. THE COST FOR INSTALLATION AND MAINTENANCE OF LANDSCAPING IN THE MAEDA PROPERTY BUFFERS SHALL BE COVERED BY MAEDA. AREAS WITHIN THE FORD PROPERTY BOUNDARY WILL BE THE RESPONSIBILITY OF FORD.
2. LANDSCAPING SHALL BE INSTALLED IN A MANNER CONSISTENT WITH THE STANDARDS OF THE AMERICAN HORTICULTURAL SOCIETY, AND GENERALLY ACCEPTED PLANTING PROCEDURES.
3. TREE STAKES, GUY WIRES AND TREE WRAP SHALL BE REMOVED AFTER ONE YEAR OF THE PLANTING DATE.
4. REQUIRED LANDSCAPING AND OR SCREENING SHALL BE PLANTED WITHIN 180 CALENDAR DAYS FROM THE DATE OF ISSUANCE OF A CERTIFICATE OF OCCUPANCY AND SHALL BE MAINTAINED IN ACCORDANCE WITH THE STANDARDS OF ARTICLE 8, SECTION 8.26 AND THE APPROVED LANDSCAPE PLAN.
5. ALL LANDSCAPING SHALL BE MAINTAINED IN A HEALTHY GROWING CONDITION, NEAT AND ORDERLY APPEARANCE AND FREE FROM REFUSE AND DEBRIS.
6. STREET TREES SHALL BE PLANTED AT THE RATE OF ONE (1) TREE PER EIGHTY (80) LINEAR FEET OF PUBLIC ROAD RIGHT OF WAY IN CONFORMANCE WITH SECTION 99.06 OF THE CODE OF ORDINANCES. MIN. CANOPY TREE CALIPER TO BE 2.5" IN DIAMETER
7. LANDSCAPING SHALL NOT OBSCURE TRAFFIC SIGNS OR LIGHTING, OBSTRUCT ACCESS TO FIRE HYDRANTS OR INTERFERE WITH MOTORISTS SIGHT DISTANCE.
8. PROTECTIVE SCREENING SHALL BE PROVIDED IN ACCORDANCE WITH ARTICLE 8, SECTION 8.26.F FOR AREAS IMMEDIATELY ADJACENT TO RESIDENTIAL USES. AS PER ARTICLE 8, SECTION 8.26.J., NO ADDITIONAL SCREENING SHALL BE PROVIDED FOR RESIDENTIAL USE GREATER THAN 500 FEET FROM THE BUILDING IMPROVEMENTS.
9. THIS PROJECT IS EXEMPT FROM INTERIOR LANDSCAPING REQUIREMENTS PER SECTION 8.26.E.6.
10. PLANT MATERIAL VARIETY, SIZE AND SEPARATION REQUIREMENTS SHALL CONFORM TO SECTION 8.26.E.7. FOR ESTIMATING PURPOSES EVERGREEN TREES SHALL BE MINIMUM OF 6' IN HEIGHT WITH A MINIMUM SPREAD OF THREE FEET.
11. GREENBELT BUFFERS SHALL BE PROVIDED IN ACCORDANCE WITH ARTICLE 8, SECTION 8.26.F AND ARE GENERALLY SHOWN ON THE LANDSCAPE PLANS. SPECIFIC PLANT MATERIAL SELECTION WILL BE MADE AT THE TIME OF PLANTING BASED ON AVAILABILITY. BUFFERS INCLUDED REQUIRED THREE (3) FOOT HIGH BERM AND VEGETATIVE SCREEN PLANTINGS.
12. GENERAL SITE LANDSCAPING OF DISTURBED AREAS WILL CONSIST OF EITHER MANICURED GRASS LAWN OR NATIVE NO-MOW SEEDED AREAS.
13. THE LANDSCAPE PLAN COMPLIES WITH ARTICLE 8, SECTION 8.26.H. THIS INCLUDES SECTION OF PLANT MATERIALS, ANY REQUIRED REPLACEMENTS, PROVISIONS OF ADEQUATE IRRIGATION AND SALT-RESISTANT SPECIES, AND ADEQUATE VISIBILITY FOR VEHICLES AND PEDESTRIANS.
14. AS NOTED ABOVE, MOST REQUIRED LANDSCAPING REQUIREMENTS ARE PROVIDED AND MET. SPECIFIC WAIVER AS PER SECTION 8.26.J IS REQUESTED FOR THE FOLLOWING:
    - 14.a. PROVISIONS OF PERIMETER SCREENING FOR PARKING LOTS
      THE RELEVANT CIRCUMSTANCES THAT SUPPORT THIS REQUEST ARE AS FOLLOWS:
    - 14.b. THE EXISTING NATURAL VEGETATION PROVIDES THE DESIRED SCREENING.
    - 14.c. THE ADJACENT RESIDENTIAL USE IS MORE THAN 500 FEET AWAY FROM THE PARKING LOTS.
      THE RELEVANT CIRCUMSTANCES THAT SUPPORT THIS REQUEST ARE AS FOLLOWS:

LEGEND

- FESCUE LAWN LOW-MAINTENANCE SEED MIX
- NATIVE NO-MOW SEED MIX
- SLOPE STABILIZATION SEED MIX
- INFILTRATION BASIN SEED MIX

NOTES

1. FESCUE LAWN LOW-MAINTENANCE AND NATIVE NO-MOW MIXES TO RECEIVE 4" ON-SITE TOPSOIL.
2. INFILTRATION BASIN AND SLOPE STABILIZATION MIXES TO RECEIVE 4" OFF-SITE TOPSOIL OR PROGANICS AS AN ALTERNATE AS LONG AS IT MEETS PERFORMANCE SPECIFICATIONS FOR STANDARD SEEDING AND TOPSOIL APPLICATION.
3. AT THE DISCRETION AND DIRECTION OF THE CITY OF MARSHALL, THE SLOPE STABILIZATION SEED MIX APPLICATION MAY BE REQUIRED AS AN ALTERNATIVE TO THE INFILTRATION BASIN SEED MIX. APPLICATION AND PERFORMANCE STANDARD SPECIFICATIONS FOR SEEDING SHALL APPLY.
4. SEE L1.5 FOR SEED MIX SCHEDULES.

NORTH

SEEDING PLAN

SCALE: 1:400

PRELIMINARY
NOT FOR CONSTRUCTION

FORDLAND
17000 ROTUNDA DR, 1ST FLOOR SOUTH
DEARBORN, MICHIGAN 48120-1168
USA
Ford

Walbridge

BUILDING SITE CODE: XXX
FORD PROJECT NUMBER: XXXX-XX

WADE TRIM
25251 Northline Rd.
Taylor, MI 48180
734.947.9700
www.wadetrim.com

PROJECT NUMBER: WAB2004.01H

ERICH L. VOGT
LICENSED PROFESSIONAL ENGINEER
NO. 45887
A STATE OF MICHIGAN

THIS DRAWING HAS BEEN PREPARED BY OR ON BEHALF OF FORD MOTOR COMPANY. FORD MOTOR COMPANY RETAINS ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING COPYRIGHTS. THIS DRAWING SHALL NOT BE USED FOR ANY PURPOSE OTHER THAN PERFORMING SERVICES DIRECTLY OR INDIRECTLY TO FORD MOTOR COMPANY, WITHOUT THE EXPRESSED WRITTEN PERMISSION OF FORD MOTOR COMPANY. UNAUTHORIZED USE, COPYING OR MODIFICATION, INCLUDING THE REMOVAL OF THIS NOTE, MAY CONSTITUTE A VIOLATION OF CIVIL OR CRIMINAL LAWS ENFORCEABLE BY FORD OR GOVERNMENTAL AGENCIES.

COPYRIGHT © FORD MOTOR COMPANY (2009)

DATE	ISSUED FOR
02/29/2024	• SITE PLAN RESUBMITTAL
06/29/2023	• SITE PLAN RESUBMITTAL
04/25/2023	• SITE PLAN APPROVAL
04/14/2023	• SITE PLAN PRE APPLICATION

IN CHARGE:	J CIESIELSKI
DRAWN BY:	M KAMINSKI
DESIGNED BY:	S DODSON
CHECKED BY:	B NARTKER
APPROVED BY:	E SMITH

SHEET TITLE

SEEDING PLAN

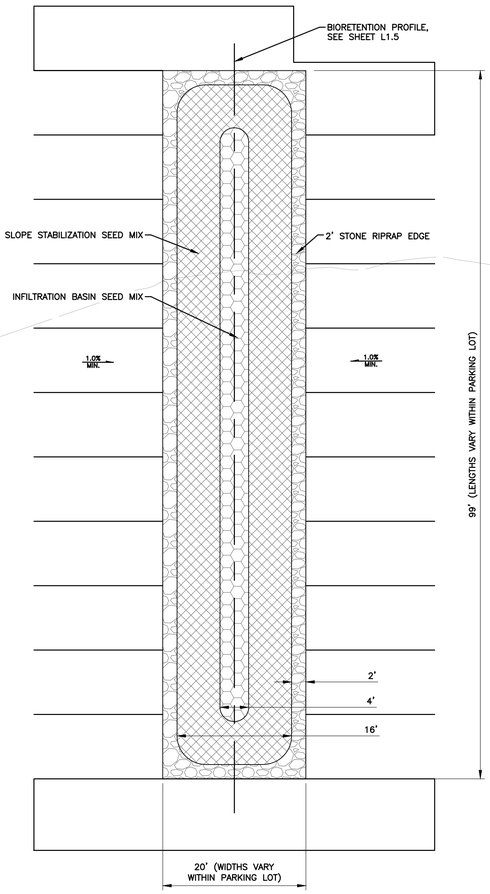
FORD DWG NO. REV. #

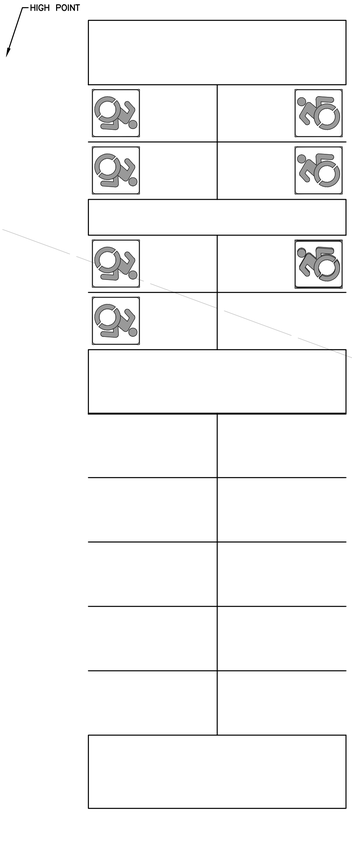
SHEET NUMBER

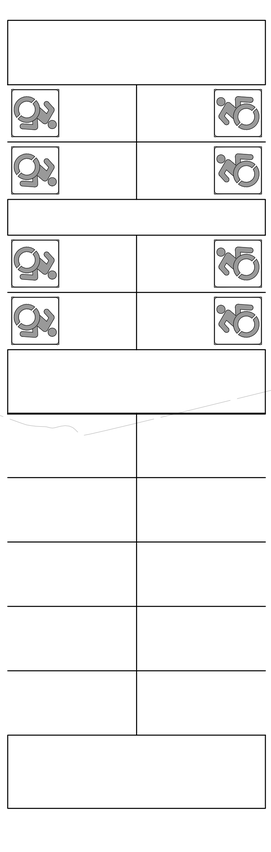
L1.0

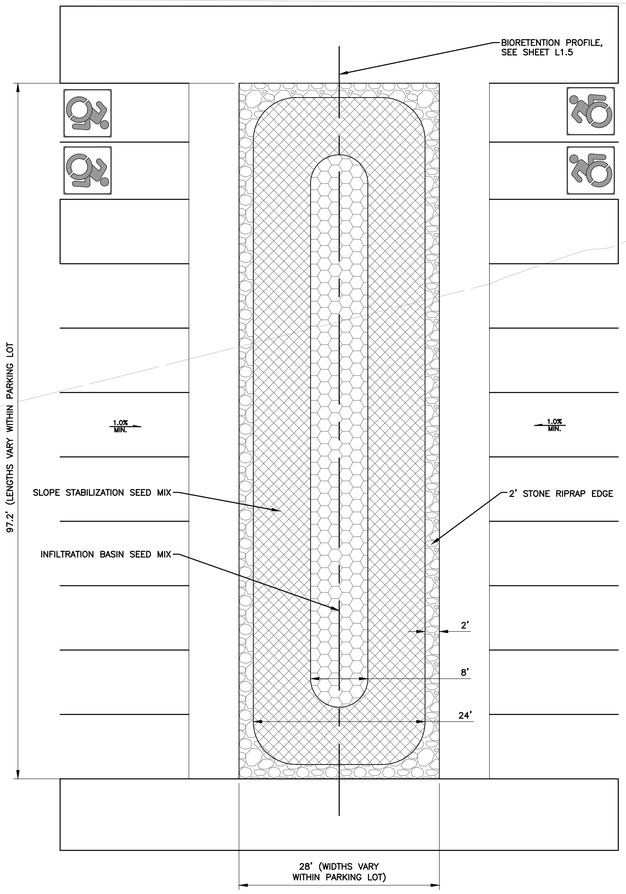
PRINTED COPIES ARE UNCONTROLLED

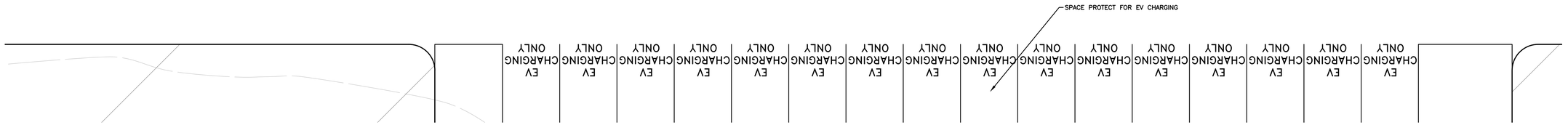
PLOT DATE: 2/27/2024 3:15:51 PM SAVE DATE: 2/26/2024 2:39:06 PM LOPEZ, EMILY C:\Users\Esuper2\OCACCDocs\Walbr Trim\FR02011.US\Project Files\07 Design\Civil 3D\Phase 01\Plan Sheets\SPA100012\200-CS-LAND-AZ24WADE.dwg











LEGEND

STONE RIPRAP

SLOPE STABILIZATION SEED MIX

INFILTRATION BASIN SEED MIX

NOTES

1. FESCUE LAWN LOW-MAINTENANCE AND NATIVE NO-MOW MIXES TO RECEIVE 4" ON-SITE TOPSOIL.
2. INFILTRATION BASIN AND SLOPE STABILIZATION MIXES TO RECEIVE 4" OFF-SITE TOPSOIL OR PROGANICS AS AN ALTERNATE AS LONG AS IT MEETS PERFORMANCE SPECIFICATIONS FOR STANDARD SEEDING AND TOPSOIL APPLICATION.
3. AT THE DISCRETION AND DIRECTION OF THE CITY OF MARSHALL, THE SLOPE STABILIZATION SEED MIX APPLICATION MAY BE REQUIRED AS AN ALTERNATIVE TO THE INFILTRATION BASIN SEED MIX. APPLICATION AND PERFORMANCE STANDARD SPECIFICATIONS FOR SEEDING SHALL APPLY.
4. SEE L1.5 FOR SEED MIX SCHEDULES.

NORTH

BIORETENTION ENLARGEMENT

SCALE: 1:10

PRELIMINARY
NOT FOR CONSTRUCTION

FORD LAND
17000 ROTUNDA DR, 1ST FLOOR SOUTH
DEARBORN, MICHIGAN 48120-1168
USA

Walbridge

BUILDING SITE CODE: XXX
FORD PROJECT NUMBER: XXXX-XX

WADE TRIM
25251 Northline Rd.
Taylor, MI 48180
734.947.9700
www.wadetrim.com
PROJECT NUMBER: WAB2004 01H

ERICH VINCENT WESTBY
ENGINEER
NO. 45997
STATE OF MICHIGAN
REGISTERED PROFESSIONAL ENGINEER

THIS DRAWING HAS BEEN PREPARED BY OR ON BEHALF OF FORD MOTOR COMPANY. FORD MOTOR COMPANY RETAINS ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING COPYRIGHTS. THIS DRAWING SHALL NOT BE USED FOR ANY PURPOSE OTHER THAN PERFORMING SERVICES DIRECTLY OR INDIRECTLY TO FORD MOTOR COMPANY, WITHOUT THE EXPRESSED WRITTEN PERMISSION OF FORD MOTOR COMPANY. UNAUTHORIZED USE, COPYING OR MODIFICATION, INCLUDING THE REMOVAL OF THIS NOTE, MAY CONSTITUTE A VIOLATION OF CIVIL OR CRIMINAL LAWS ENFORCEABLE BY FORD OR GOVERNMENTAL AGENCIES.

COPYRIGHT © FORD MOTOR COMPANY (2009)

DATE	ISSUED FOR
02/29/2024	• SITE PLAN RESUBMITTAL
06/29/2023	• SITE PLAN RESUBMITTAL
04/25/2023	• SITE PLAN APPROVAL
04/14/2023	• SITE PLAN PRE APPLICATION

IN CHARGE:	J CIESIELSKI
DRAWN BY:	M KAMINSKI
DESIGNED BY:	S DODSON
CHECKED BY:	B NARTKER
APPROVED BY:	E SMITH

SHEET TITLE

BIORETENTION ENLARGEMENT

FORD DWG NO. REV. #

SHEET NUMBER

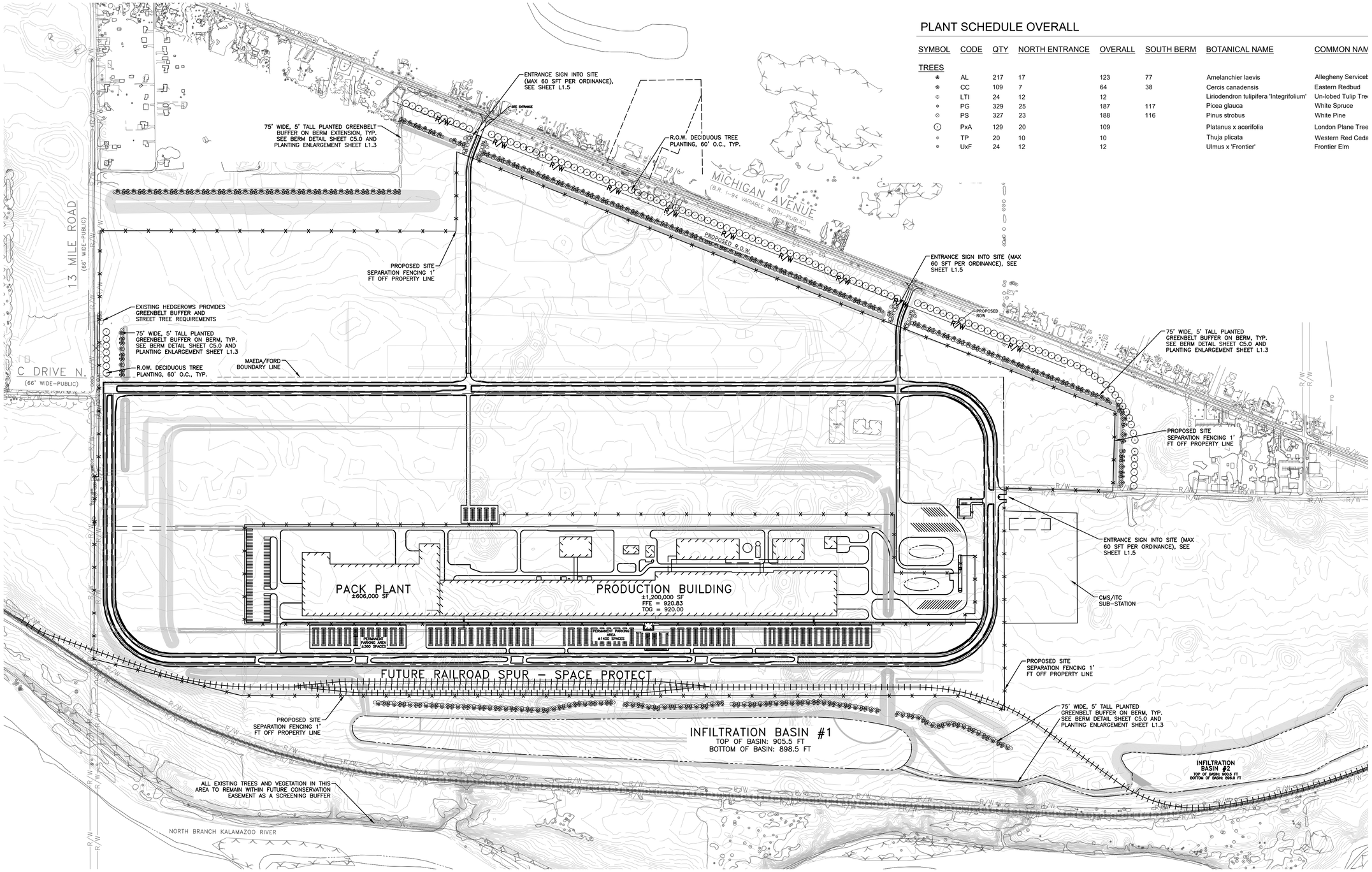
L1.1

C:\Users\EricpreiDC\ACCDocs\Wade Trim\PROJ011\05F Project History\Project Files\01 Design\Civil 3D\Phase 01\Plan Sheets\PH1\0011301-001-CS-LAND-A2d-WADE.dwg
LOPEZ, EMILY
SAVE DATE: 2/6/2024 2:39:06 PM
PLOT DATE: 2/27/2024 1:17:34 PM

PRINTED COPIES ARE UNCONTROLLED

PLANT SCHEDULE OVERALL

SYMBOL	CODE	QTY	NORTH ENTRANCE	OVERALL	SOUTH BERM	BOTANICAL NAME	COMMON NAM
TREES							
	AL	217	17	123	77	Amelanchier laevis	Allegheny Service
	CC	109	7	64	38	Cercis canadensis	Eastern Redbud
	LTI	24	12	12		Liriodendron tulipifera 'Integrifolium'	Un-lobed Tulip Tre
	PG	329	25	187	117	Picea glauca	White Spruce
	PS	327	23	188	116	Pinus strobus	White Pine
	PxA	129	20	109		Platanus x acerifolia	London Plane Tree
	TP	20	10	10		Thuja plicata	Western Red Ceda
	UxF	24	12	12		Ulmus x 'Frontier'	Frontier Elm



NORTH

PLANTING PLAN

SCALE: 1:400

PRELIMINARY
NOT FOR CONSTRUCTION

FORD LAND
17000 ROTUNDA DR, 1ST FLOOR SOUTH
DEARBORN, MICHIGAN 48120-1168
USA

Walbridge

BUILDING SITE CODE: XXX
FORD PROJECT NUMBER: XXXX-XX

WADE TRIM
25251 Northline Rd.
Taylor, MI 48180
734.947.9700
www.wadetrim.com

PROJECT NUMBER: WAB2004.01H

THIS DRAWING HAS BEEN PREPARED BY OR ON BEHALF OF FORD MOTOR COMPANY. FORD MOTOR COMPANY RETAINS ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING COPYRIGHTS. THIS DRAWING SHALL NOT BE USED FOR ANY PURPOSE OTHER THAN PERFORMING SERVICES DIRECTLY OR INDIRECTLY TO FORD MOTOR COMPANY, WITHOUT THE EXPRESSED WRITTEN PERMISSION OF FORD MOTOR COMPANY. UNAUTHORIZED USE, COPYING OR MODIFICATION, INCLUDING THE REMOVAL OF THIS NOTE, MAY CONSTITUTE A VIOLATION OF CIVIL OR CRIMINAL LAWS ENFORCEABLE BY FORD OR GOVERNMENTAL AGENCIES.

COPYRIGHT © FORD MOTOR COMPANY (2009)

DATE	ISSUED FOR
02/29/2024	• SITE PLAN RESUBMITTAL
06/29/2023	• SITE PLAN RESUBMITTAL
04/25/2023	• SITE PLAN APPROVAL
04/14/2023	• SITE PLAN PRE APPLICATION

IN CHARGE:	J CIESIELSKI
DRAWN BY:	M KAMINSKI
DESIGNED BY:	S DODSON
CHECKED BY:	B NARTKER
APPROVED BY:	E SMITH

SHEET TITLE

PLANTING PLAN

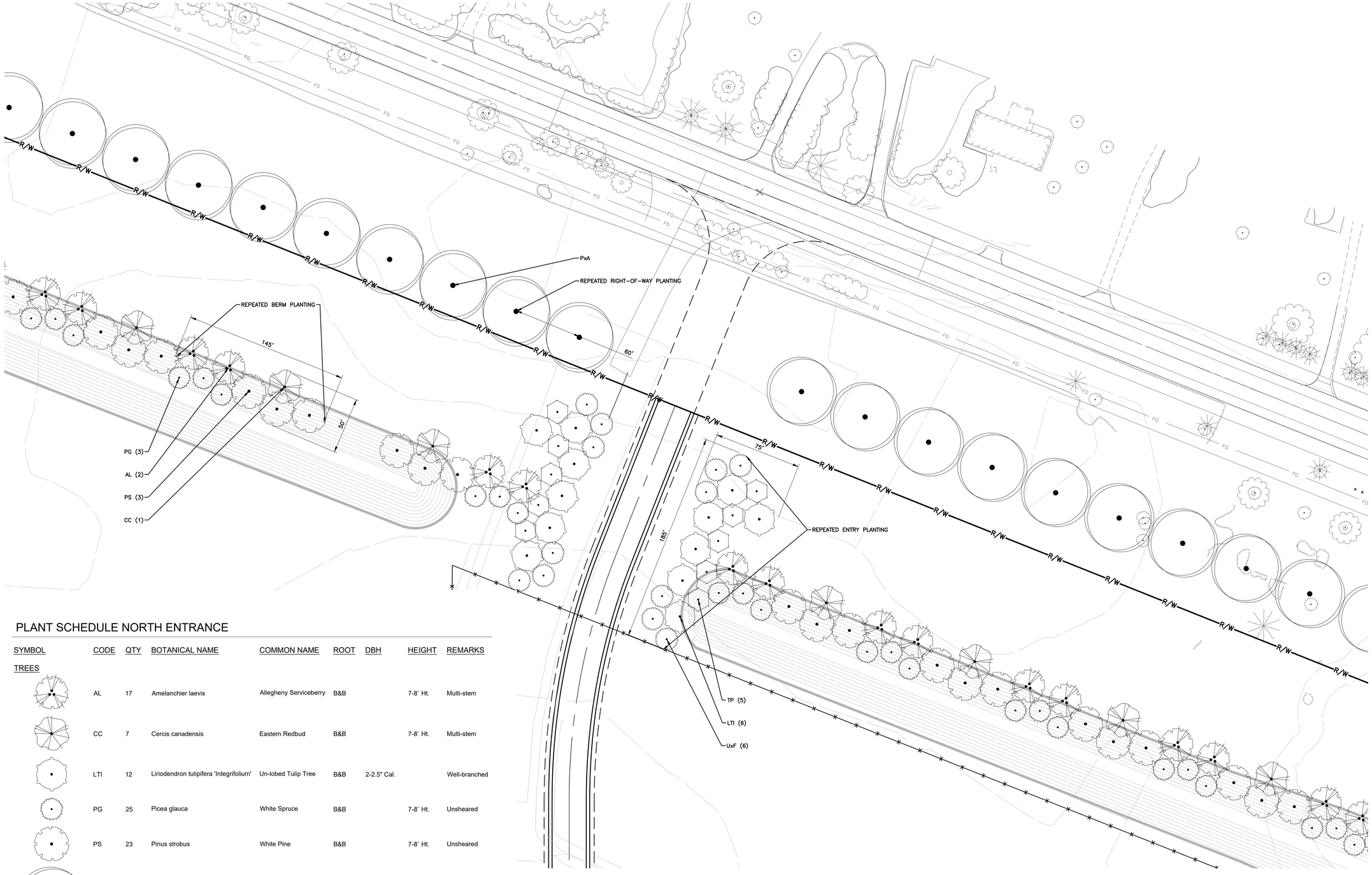
FORD DWG NO. REV. #

SHEET NUMBER

L1.2

PRINTED COPIES ARE UNCONTROLLED

C:\Users\EL\open\DC\ACDocs\Wade Trim\PROJ\01-WP Project Hickory\Project Files\01 Design\Civil 3D\Phase 01\Plan Sheets\SPA\20231129\01-CS-LAND-A2Z-WADE.dwg
LOPEZ, EMILY
SAVE DATE: 2/6/2024 2:39:06 PM
PLOT DATE: 2/27/2024 1:18:03 PM



PLANT SCHEDULE NORTH ENTRANCE

SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	ROOT	DBH	HEIGHT	REMARKS
TREES								
	AL	17	Amelanchier laevis	Allegheny Serviceberry	B&B		7-8` Ht.	Multi-stem
	CC	7	Cercis canadensis	Eastern Redbud	B&B		7-8` Ht.	Multi-stem
	LTI	12	Liriodendron tulipifera 'Integrifolium'	Un-lobed Tulip Tree	B&B	2-2.5" Cal.		Well-branched
	PG	25	Picea glauca	White Spruce	B&B		7-8` Ht.	Unsheared
	PS	23	Pinus strobus	White Pine	B&B		7-8` Ht.	Unsheared
	PxA	20	Platanus x acerifolia	London Plane Tree	B&B	2-2.5" Cal.		Well-branched
	TP	10	Thuja plicata	Western Red Cedar	B&B		7-8` Ht.	Unsheared
	UxF	12	Ulmus x 'Frontier'	Frontier Elm	B&B	2-2.5" Cal.		Well-branched

NORTH

NORTH ENTRANCE ENLARGEMENT

SCALE: 1:40

PRELIMINARY
NOT FOR CONSTRUCTION

FORD LAND
17000 ROTUNDA DR, 1ST FLOOR SOUTH
DEARBORN, MICHIGAN 48120-1168
USA

Walbridge

BUILDING SITE CODE: XXX
FORD PROJECT NUMBER: XXXX-XX

WADE TRIM
25251 Northline Rd.
Taylor, MI 48180
734.947.9700
www.wadetrim.com

PROJECT NUMBER: WAB2004 01H

ERICH VISSER 43087 ENGINEER STATE OF MICHIGAN PROFESSIONAL

THIS DRAWING HAS BEEN PREPARED BY OR ON BEHALF OF FORD MOTOR COMPANY. FORD MOTOR COMPANY RETAINS ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING COPYRIGHTS. THIS DRAWING SHALL NOT BE USED FOR ANY PURPOSE OTHER THAN PERFORMING SERVICES DIRECTLY OR INDIRECTLY TO FORD MOTOR COMPANY, WITHOUT THE EXPRESSED WRITTEN PERMISSION OF FORD MOTOR COMPANY. UNAUTHORIZED USE, COPYING OR MODIFICATION, INCLUDING THE REMOVAL OF THIS NOTE, MAY CONSTITUTE A VIOLATION OF CIVIL OR CRIMINAL LAWS ENFORCEABLE BY FORD OR GOVERNMENTAL AGENCIES.

COPYRIGHT © FORD MOTOR COMPANY (2009)

DATE	ISSUED FOR
02/29/2024	• SITE PLAN RESUBMITTAL
06/29/2023	• SITE PLAN RESUBMITTAL
04/25/2023	• SITE PLAN APPROVAL
04/14/2023	• SITE PLAN PRE APPLICATION

IN CHARGE:	J CIESIELSKI
DRAWN BY:	M KAMINSKI
DESIGNED BY:	S DODSON
CHECKED BY:	B NARTKER
APPROVED BY:	E SMITH

SHEET TITLE

NORTH ENTRANCE ENLARGEMENT

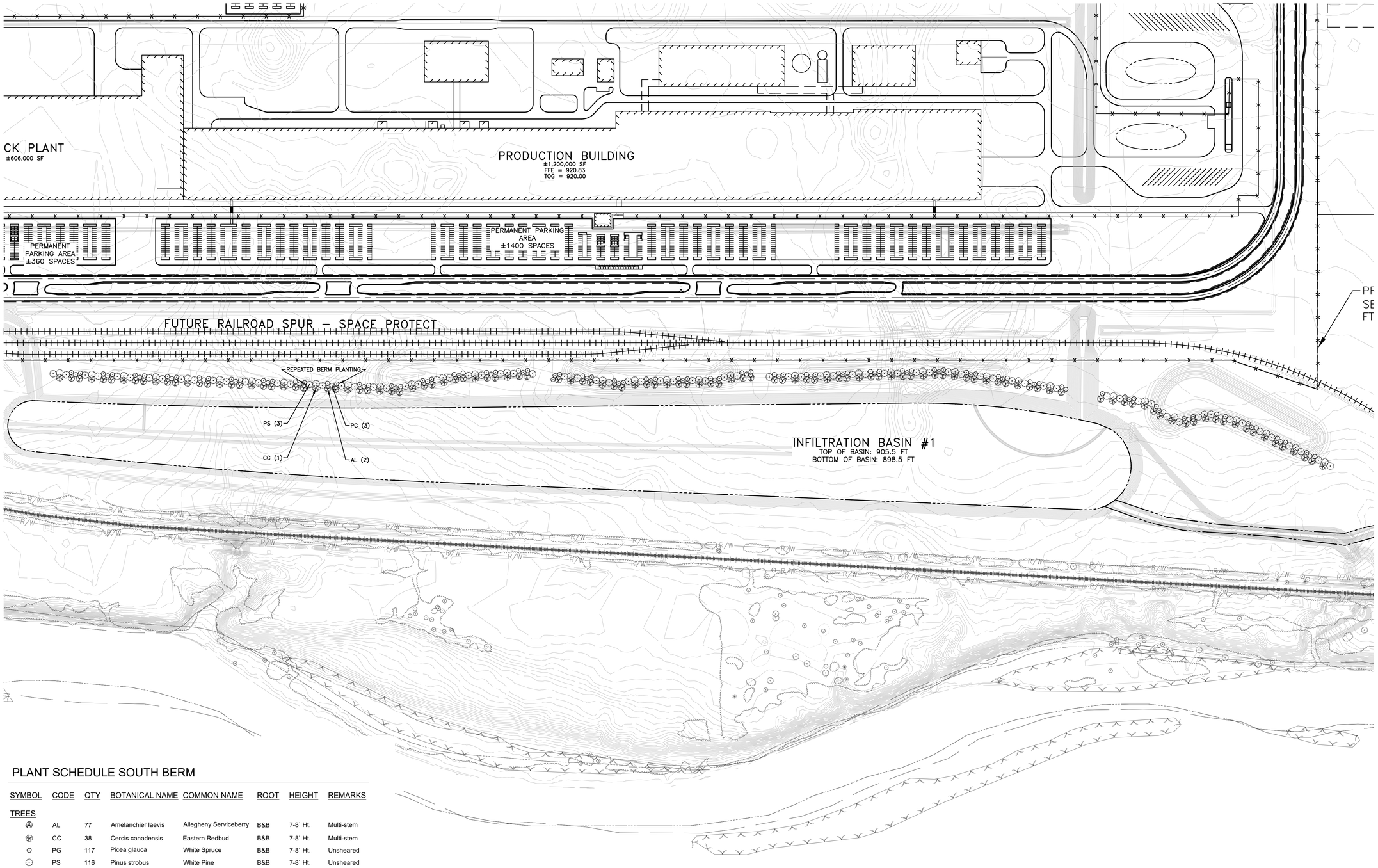
FORD DWG NO. REV. #

SHEET NUMBER

L1.3

PRINTED COPIES ARE UNCONTROLLED

PLOT DATE: 2/27/2024 1:19:31 PM SAVE DATE: 2/26/2024 2:39:06 PM LOPEZ, EMILY C:\Users\ELopez\DC\ACCDocs\Wade Trim\RD0011\06\Project Hickory\Project Files\01 Design\Civil 3D\Phase 01\Plan Sheets\PH\1000123.001-CS-LAND-A2d-WADE.dwg



PLANT SCHEDULE SOUTH BERM

SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	ROOT	HEIGHT	REMARKS
TREES							
	AL	77	Amelanchier laevis	Allegheny Serviceberry	B&B	7-8` Ht.	Multi-stem
	CC	38	Cercis canadensis	Eastern Redbud	B&B	7-8` Ht.	Multi-stem
	PG	117	Picea glauca	White Spruce	B&B	7-8` Ht.	Unsheared
	PS	116	Pinus strobus	White Pine	B&B	7-8` Ht.	Unsheared

NORTH

SOUTH BERM ENLARGEMENT

SCALE: 1:200

PRELIMINARY
NOT FOR CONSTRUCTION

FORD LAND
17000 ROTUNDA DR, 1ST FLOOR SOUTH
DEARBORN, MICHIGAN 48120-1168
USA

Walbridge

BUILDING SITE CODE: XXX
FORD PROJECT NUMBER: XXXX-XX

WADE TRIM
29251 Northline Rd.
Taylor, MI 48180
734.947.9700
www.wadetrim.com
PROJECT NUMBER: WAB2004 01H

ERICH L. VOSS III
ENGINEER
NO. 45987
STATE OF MICHIGAN
REGISTERED PROFESSIONAL ENGINEER

THIS DRAWING HAS BEEN PREPARED BY OR ON BEHALF OF FORD MOTOR COMPANY. FORD MOTOR COMPANY RETAINS ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING COPYRIGHTS. THIS DRAWING SHALL NOT BE USED FOR ANY PURPOSE OTHER THAN PERFORMING SERVICES DIRECTLY OR INDIRECTLY TO FORD MOTOR COMPANY, WITHOUT THE EXPRESSED WRITTEN PERMISSION OF FORD MOTOR COMPANY. UNAUTHORIZED USE, COPYING OR MODIFICATION, INCLUDING THE REMOVAL OF THIS NOTE, MAY CONSTITUTE A VIOLATION OF CIVIL OR CRIMINAL LAWS ENFORCEABLE BY FORD OR GOVERNMENTAL AGENCIES.

COPYRIGHT © FORD MOTOR COMPANY (2009)

DATE	ISSUED FOR
02/29/2024	SITE PLAN RESUBMITTAL
06/29/2023	SITE PLAN RESUBMITTAL
04/25/2023	SITE PLAN APPROVAL
04/14/2023	SITE PLAN PRE APPLICATION

IN CHARGE:	J CIESIELSKI
DRAWN BY:	M KAMINSKI
DESIGNED BY:	S DODSON
CHECKED BY:	B NARTKER
APPROVED BY:	E SMITH

SHEET TITLE

SOUTH BERM ENLARGEMENT

FORD DWG NO. REV. #

SHEET NUMBER

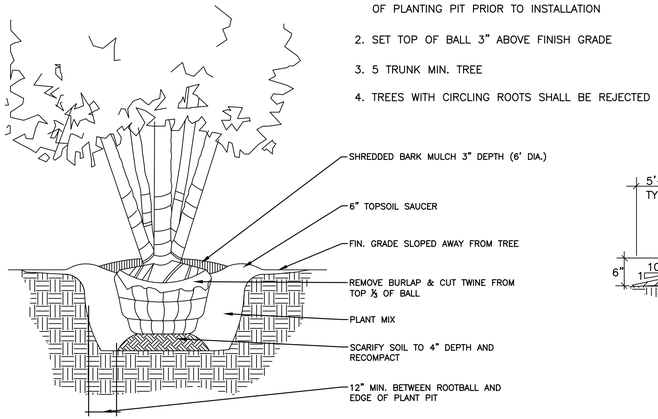
L1.4

C:\Users\Elcopel2\OneDrive - Ford Motor Company\Desktop\Work Trim\FRD2011.rvt
PLOT DATE: 2/27/2024 1:29:23 PM
SAVE DATE: 2/26/2024 4:39:06 PM
LOPEZ, EMILY

PRINTED COPIES ARE UNCONTROLLED

NOTES:

1. CONTRACTOR TO VERIFY PERCOLATION OF PLANTING PIT PRIOR TO INSTALLATION
2. SET TOP OF BALL 3" ABOVE FINISH GRADE
3. 5 TRUNK MIN. TREE
4. TREES WITH CIRCLING ROOTS SHALL BE REJECTED

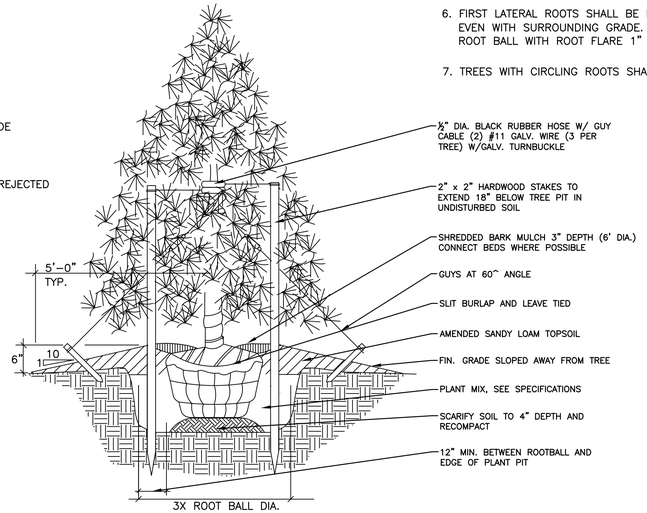


MULTI–STEM TREE PLANTING DETAIL

NOT TO SCALE

NOTES:

1. STAKE ALL EVERGREEN TREES UNDER 12' HIGH
2. GUY ALL EVERGREEN TREES 12' HIGH AND OVER
3. NEVER CUT CENTRAL LEADER
4. PRUNE ONLY TO REMOVE DEAD OR BROKEN BRANCHES
5. SET STAKES VERTICAL AND EVENLY SPACED
6. FIRST LATERAL ROOTS SHALL BE INSTALLED EVEN WITH SURROUNDING GRADE. PLACE ROOT BALL WITH ROOT FLARE 1" ABOVE GRADE
7. TREES WITH CIRCLING ROOTS SHALL BE REJECTED

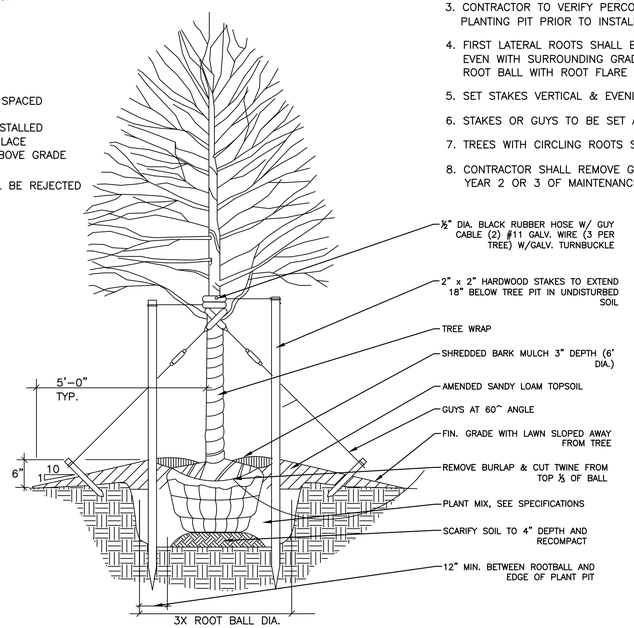


EVERGREEN TREE PLANTING DETAIL

NOT TO SCALE

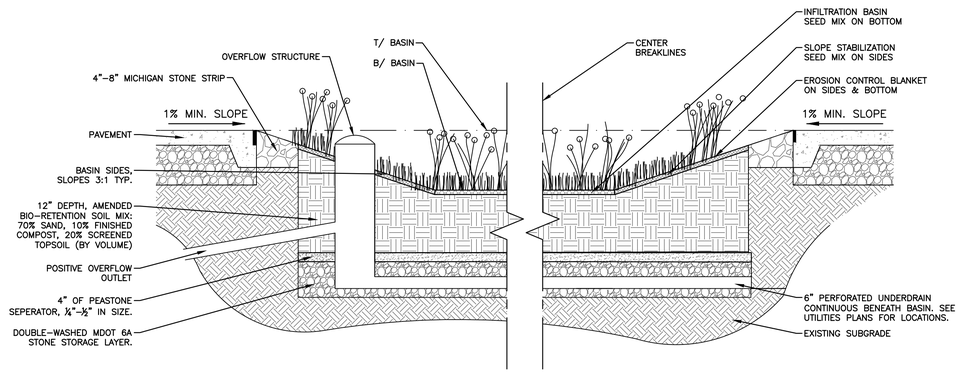
NOTES:

1. STAKE TREES UNDER 4" CALIPER
2. GUY TREES 4" CALIPER & OVER
3. CONTRACTOR TO VERIFY PERCOLATION OF PLANTING PIT PRIOR TO INSTALLATION
4. FIRST LATERAL ROOTS SHALL BE INSTALLED EVEN WITH SURROUNDING GRADE. PLACE ROOT BALL WITH ROOT FLARE 1" ABOVE GRADE
5. SET STAKES VERTICAL & EVENLY SPACED
6. STAKES OR GUYS TO BE SET ABOVE 1ST BRANCH
7. TREES WITH CIRCLING ROOTS SHALL BE REJECTED
8. CONTRACTOR SHALL REMOVE GUY WIRES DURING YEAR 2 OR 3 OF MAINTENANCE AGREEMENT



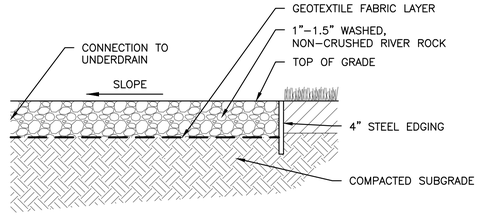
DECIDUOUS TREE PLANTING DETAIL

NOT TO SCALE



BIORETENTION BASIN PROFILE DETAIL

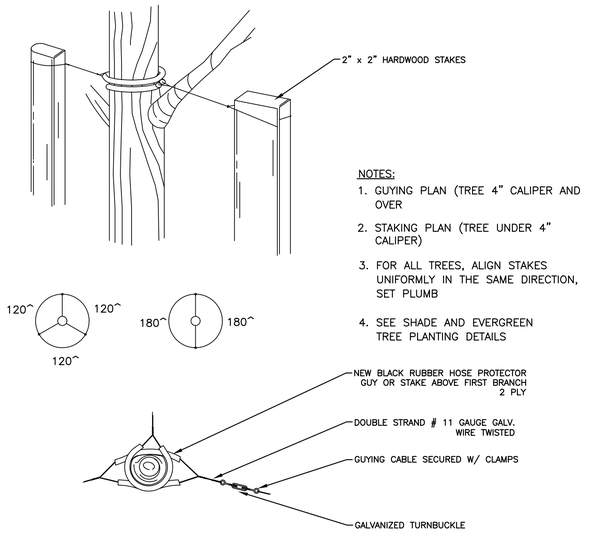
NOT TO SCALE



NOTE:
1. NO STABILIZATION BINDER TO BE USED.
2. SEE SHEET EX1.1 FOR UNDERDRAIN DETAIL.

STONE BED W/ STEEL EDGING DETAIL

NOT TO SCALE



NOTES:

1. GUYING PLAN (TREE 4" CALIPER AND OVER
2. STAKING PLAN (TREE UNDER 4" CALIPER)
3. FOR ALL TREES, ALIGN STAKES UNIFORMLY IN THE SAME DIRECTION, SET PLUMB
4. SEE SHADE AND EVERGREEN TREE PLANTING DETAILS

STAKING AND GUYING DETAIL

NOT TO SCALE

FORD LAND

17000 ROTUNDA DR, 1ST FLOOR SOUTH
DEARBORN, MICHIGAN 48120-1168
USA

Walbridge

BUILDING SITE CODE: XXX
FORD PROJECT NUMBER: XXXX-XX

WADE TRIM
25251 Northline Rd.
Taylor, MI 48180
734.947.9700
www.wadetrim.com

PROJECT NUMBER: WAB2004 01H

ERICH L. SMITH
LICENSED
PROFESSIONAL ENGINEER
NO. 45987

THIS DRAWING HAS BEEN PREPARED BY OR ON BEHALF OF FORD MOTOR COMPANY. FORD MOTOR COMPANY RETAINS ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING COPYRIGHTS. THIS DRAWING SHALL NOT BE USED FOR ANY PURPOSE OTHER THAN PERFORMING SERVICES DIRECTLY OR INDIRECTLY TO FORD MOTOR COMPANY, WITHOUT THE EXPRESSED WRITTEN PERMISSION OF FORD MOTOR COMPANY. UNAUTHORIZED USE, COPYING OR MODIFICATION, INCLUDING THE REMOVAL OF THIS NOTE, MAY CONSTITUTE A VIOLATION OF CIVIL OR CRIMINAL LAWS ENFORCEABLE BY FORD OR GOVERNMENTAL AGENCIES.

COPYRIGHT © FORD MOTOR COMPANY (2009)

DATE	ISSUED FOR
02/29/2024	• SITE PLAN RESUBMITTAL
06/29/2023	• SITE PLAN RESUBMITTAL
04/25/2023	• SITE PLAN APPROVAL
04/14/2023	• SITE PLAN PRE APPLICATION

IN CHARGE:	J CIESIELSKI
DRAWN BY:	M KAMINSKI
DESIGNED BY:	S DODSON
CHECKED BY:	B NARTKER
APPROVED BY:	E SMITH

SHEET TITLE

LANDSCAPE DETAILS

FORD DWG NO. REV. #

SHEET NUMBER

L1.5

PRINTED COPIES ARE UNCONTROLLED

PLOT DATE: 2/29/2024 4:29:46 PM SAVE DATE: 2/29/2024 4:29:32 PM LOPEZ, EMILY C:\Users\ElizapetZICA\CCDocs\Wade Trim\FRD2011\05F Project History\Project Files\01 Design\Civil 3D\Plates 01\Plan Sheets\SPA1300112.001-CS-LAND-A22-WADE.dwg

NATIVE NO-MOW MIX

Botanical Name	Common Name	PLS lbs/ac
GRASSES, SEDGES, & RUSHES		
Bouteloua curtipendula	Side-oats Grama	3.28
Sporobolus compositus	Rough Dropseed	0.31
Carex brevior	Plains Oval Sedge	0.13
Juncus tenius	Path Rush	0.03
Koeleria cristata	June Grass	0.13
Sporobolus heterolepis	Prairie Dropseed	0.13
Bromus kalmii	Prairie Brome	0.06
Panicum virgatum	Switchgrass	0.25
Schizachyrium scoparium	Little Bluestem	1.00
PERENNIALS		
Achillea millefolium	Yarrow	0.03
Allium cernuum	Nodding Wild Onion	0.06
Asclepias tuberosa	Butterfly Milkweed	0.03
Aster azureus	Sky Blue Aster	0.03
Cassia fasciculata	Partridge Pea	0.75
Coreopsis lanceolata	Lance-leaf Coreopsis	0.50
Liatris aspera	Rough Blazingstar	0.02
Monarda fistulosa	Wild Bergamot	0.03
Penstemon digitalis	Smooth Penstemon	0.03
Petalostemum purpureum	Purple Prairie Clover	0.25
Potentilla arguta	Prairie Cinquefoil	0.03
Rudbeckia hirta	Black-eyed Susan	0.31
Solidago nemoralis	Old-field Goldenrod	0.02
Verbena stricia	Hoary Vervain	0.06
ANNUALS		
Lolium multiforum	Annual Rye	5.00
Avena sativa	Seed Oats	2.00

TOTAL SEEDING RATE: 31.25 LBS PER ACRE
4 LBS GRASSES – 2.25 LBS FORBS – 25 LBS NURSE CROP
43 NATIVE SEEDS PER SQ FT

FESCUE LAWN LOW-MAINTENANCE MIX

Botanical Name	Common Name	PLS lbs/ac
GRASSES		
Festuca brevipila	Hard Fescue	40.00
Festuca ovina	Sheep Fescue	30.00
Festuca rubra commutata	Chewings Fescue	70.00
Festuca rubra arenaria	Creeping Red Fescue	60.00

RECOMMENDED SEEDING RATE: 200 LBS PER ACRE
4 VARIETIES OF NON-NATIVE TALL FESCUES
~2,500 SEEDS PER SQ FT

SLOPE STABILIZATION MIX

Botanical Name	Common Name	PLS lbs/ac
GRASSES, SEDGES & RUSHES		
Andropogon gerardii	Big Bluestem	0.75
Bouteloua curtipendula	Side-oats Grama	0.75
Carex molesta	Field Oval Sedge	0.06
Carex vulpinoidea	Fox Sedge	0.06
Deschampsia cespitosa	Tufted Hairgrass	0.25
Elymus canadensis	Canada Wild Rye	1.00
Elymus virginicus	Virginia Wild Rye	1.00
Juncus tenuis	Path Rush	0.31
Schizachyrium scoparium	Little Bluestem	0.06
Sorghastrum nutans	Indian Grass	0.25
Sporobolus cryptandrus	Sand Dropseed	0.25
TEMPORARY GRASS COVER		
Lolium multiflorum	Annual Ryegrass	8.00
Avena sativa	Seed Oats	32.00

TOTAL SEEDING RATE: 49.69 LBS PER ACRE
6.69 LBS GRASSES – 40 LBS NURSE CROP
71 NATIVE SEEDS PER SQ FT

INFILTRATION BASIN MIX

Botanical Name	Common Name	PLS lbs/ac
GRASSES		
Andropogon gerardii	Big Bluestem	0.75
Calamagrostis candadensis	Blue-joint Grass	0.20
Carex crinita	Fringed Sedge	0.15
Carex vulpinoidea	Fox Sedge	0.20
Elymus virginicus	Virginia Wild Rye	1.50
Glyceria grandis	Reed Manna Grass	0.20
Leersia oryzoides	Rice Cutgrass	0.30
Panicum virgatum	Switchgrass	0.30
Scirpus atrovirens	Green Bulrush	0.15
Scirpus cyperinus	Woolgrass	0.15
Sorghastrum nutans	Indian Grass	0.75
Spartina pectinata	Prairie Cordgrass	0.40
COVER CROP		
Avena sativa	Seed Oats	30.00

SOIL PREPARATION: ROUGH GRADED
DISTRIBUTION TYPE: BROADCAST SEEDING

LANDSCAPE NOTES

1. ALL PLANTS TO BE INSTALLED IN ACCORDANCE WITH AMERICAN ASSOCIATION OF NURSERYMEN LANDSCAPE STANDARDS.
2. CONTRACTOR SHALL PROVIDE A PLANTING MIXTURE MEETING THE FOLLOWING REQUIREMENTS. IF THE ENGINEER HAS ANY CONCERNS WITH THE QUALITY OF THE PLANTING MIXTURE, THE ENGINEER SHALL BE ALLOWED TWO WEEKS TO OBTAIN SOIL TEST TO DETERMINE SPECIFICATION COMPLIANCE. NO PLANT MATERIAL SHALL BE PLANTED PRIOR TO ENGINEER APPROVAL OF PLANTING MIXTURE. ALL PLANT MATERIAL SHALL BE MAINTAINED BY THE CONTRACTOR IN A VIGOROUS GROWING CONDITION DURING THIS TIME AT NO ADDITIONAL COST.
3. SPACING OF PLANT MATERIALS SHALL BE AS SHOWN ON DRAWING OR ON PLANT LIST. THE ENGINEER SHALL REVIEW THE PLACEMENT OF PLANT MATERIAL PRIOR TO AND AFTER INSTALLATION, AND RESERVES THE RIGHT TO ADJUST LAYOUT TO ACCOMMODATE SITE CONDITIONS AND DESIGN INTENT.
4. ALL PLANT MATERIALS SHALL CONFORM TO PLANT SCHEDULES. SIZES SHALL BE THE MINIMUM STATED ON THE PLANT LIST OR LARGER. ALL MEASUREMENTS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "A.A.N. STANDARDS FOR NURSERY STOCK."
5. NO PLANT SHALL BE PUT INTO THE GROUND BEFORE ROUGH GRADING HAS BEEN FINISHED AND REVIEWED BY THE ENGINEER.
6. FINAL PLANT LOCATIONS SHALL BE MARKED BY CONTRACTOR THREE WORKING DAYS PRIOR TO PLANTING FOR ENGINEER REVIEW.
7. ALL PLANTED PLANTS SHALL BEAR THE SAME RELATIONSHIP TO FINISHED GRADE AS THE PLANTS ORIGINAL GRADE BEFORE DIGGING.
8. PLANT MATERIAL, ESPECIALLY EVERGREENS, TO BE PLANTED HIGHER THAN NORMAL WHEN HEAVY SOIL CONDITIONS (CLAY, ETC.) PREVAIL.
9. IF FOR ANY REASON ANY BALLED AND BURLAPED PLANT MATERIALS NEED TO BE STORED ON SITE LONGER THAN A 24-HOUR PERIOD, THEIR ROOT BALLS SHALL BE PROTECTED. ALL PLANTS SHALL BE THOROUGHLY WATERED EACH DAY THEY ARE STORED ON SITE. PLANTS MAY BE STORED ON SITE FOR A MAXIMUM OF TWO (2) WEEKS, OR 14 DAYS. ANY PLANTS ALLOWED TO DRY OUT AS DETERMINED BY THE ENGINEER WILL BE REJECTED.
10. NO CONTAINER GROWN STOCK WILL BE ACCEPTED IF IT IS ROOT BOUND. ALL WRAPPING MATERIALS MADE OF SYNTHETIC OR PLASTICS SHALL BE COMPLETELY REMOVED AT TIME OF PLANTING.
11. THE CONTRACTOR SHALL FILL PLANT PIT WITH PREPARED PLANT MIX TO ½ DEPTH OF ROOT BALL OR ROOT MASS, PACK FIRMLY, PUDDLE WITH WATER; THEN FOR BALLED AND BURLAPED MATERIAL, THE BURLAP AND ALL LACING (INCLUDING WIRE BASKET IF NECESSARY) SHALL BE REMOVED FROM THE UPPER 1/3 OF ROOTBALL, THEN FINISH BACKFILLING ADDING SOLID FERTILIZER TO THE PLANT MIX, PACK FIRMLY AND WATER. A SAUCER SHALL BE PLACED AROUND EVERY PLANT AND SHALL BE APPROVED PRIOR TO PLACEMENT OF ANY MULCH.
12. ALL DISTURBED LAWN AREAS SHALL BE RESTORED WITH 4-INCHES OF TOPSOIL, SPREAD, FINE GRADED, AND SEEDED/SODDED AS SPECIFIED. PRIOR TO INSTALLATION OF TOPSOIL, LOOSEN SUBGRADE TO A DEPTH OF 2 INCHES. THIS WORK SHALL BE INCIDENTAL TO THE PROJECT.
13. TOPSOIL SHALL CONSIST OF FRIABLE, SHREDDED, AND SCREENED SOIL REASONABLY FREE OF GRASS, ROOTS, WEEDS, STICKS, STONES OR OTHER FOREIGN MATERIALS. THE TOPSOIL MATERIAL SHALL BE APPROVED BY THE ENGINEER PRIOR TO PLACEMENT. SOIL COMPOSITION SHOULD CONTAIN AN ORGANIC CONTENT OF 2 TO 6 PERCENT AND BE CLASSIFIED AS A LOAM OR SANDY LOAM AS SPECIFIED IN THE "GUIDE FOR U.S.D.A. SOIL TEXTURAL CLASSIFICATION'.
14. ALL TREES AND SHRUBS ARE TO BE FERTILIZED ONCE ROOTS SYSTEM IS ESTABLISHED WITH AGRIFORM 21-GRAM FERTILIZER TABLETS AT RATES RECOMMENDED BY MANUFACTURER.
15. ALL PLANTS AND STAKES SHALL BE SET PLUMB UNLESS OTHERWISE SPECIFIED.
16. AT PLANTING TIME, ALL DEAD AND BROKEN BRANCHES SHALL BE PRUNED ON ALL DECIDUOUS TREES.
17. CONTRACTOR SHALL APPLY ENGINEER APPROVED PRE-EMERGENT HERBICIDE, "PREEN" OR EQUAL, TO SHRUB AND GROUND COVER PLANTING AREAS AT THE TIME OF PLANTING (IF SPRING PLANTED) OR THE FOLLOWING SPRING. CONTRACTOR SHALL ENSURE THE PLANT MATERIALS ARE RESISTANT TO THE HERBICIDES PROPERTIES. HERBICIDE SHALL BE APPLIED ACCORDING TO MANUFACTURERS SPECIFICATIONS AND IN ACCORDANCE WITH SOUND HORTICULTURAL PRACTICES.
18. ALL TREES, SHRUBS AND PERENNIAL GROUND COVER SHALL RECEIVE A MINIMUM DEPTH OF THREE INCHES DOUBLE SHREDDED HARDWOOD BARK MULCH. WHERE PLANT BEDS MEET PAVEMENTS, LAWN, OR STEEL EDGING CUT THE GRADE TO ALLOW FOR MULCH AND THREE-INCH DROP FROM ADJOINING FINISH GRADE.
19. ALL PLANT BEDS SHALL BE EXCAVATED TO A MINIMUM DEPTH OF 8-INCHES AND BACKFILLED WITH SPECIFIED PLANT MIX AS PER PLANTING BED DETAILS. BEDS SHALL BE EDGED WITH METAL EDGING AROUND PERIMETER. ALL EDGING SHALL BE 4" WIDE – 12 GAUGE STEEL, COLOR BLACK. CONTRACTOR SHALL LAYOUT EDGING FOR APPROVAL AND INSTALL PER MANUFACTURERS RECOMMENDATIONS.
20. PLANTS SHALL BE WATERED BEFORE AND AFTER PLANTING IS COMPLETE. ALL TREES MUST BE STAKED, FERTILIZED AND MULCHED AND SHALL BE GUARANTEED TO EXHIBIT A NORMAL GROWTH CYCLE FOR AT LEAST ONE (1) FULL YEAR FOLLOWING PLANTING. ALL DISEASED, DAMAGED, OR DEAD MATERIAL SHOWN ON THE SITE PLAN SHALL BE REPLACED BY THE END OF THE FOLLOWING GROWING SEASON.
21. APPLICATIONS OF FERTILIZER BEYOND THE INITIAL TOPSOIL AND SEEDING SHALL BE A FERTILIZER WITH NO PHOSPHORUS.

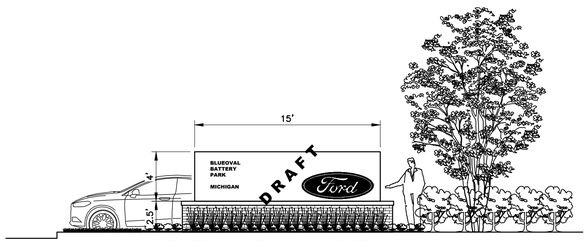
PLANTING MIXTURE NOTES

1. MIXTURE SHALL BE A MIXTURE OF 6 PARTS TOPSOIL, 4 PARTS MEDIUM-COARSE SAND, AND 1 PART COMPOST. ADD FERTILIZER AT THE QUANTITY AS RECOMMENDED BY THE MANUFACTURER. PLANTING MIXTURE SHALL BE FREE FROM, STICK, STONES, SOD CLODS, OR OTHER MATERIAL WHICH MIGHT LEAVE POCKETS AROUND THE ROOTS.

2. TOPSOIL
   2.1. TOPSOIL SHALL BE FERTILE, FRIABLE, SANDY CLAY LOAM WITHOUT ADMIXTURE OF SUBSOIL. TOPSOIL IS TO BE FREE OF GLASS, STONES GREATER THAN ONE (1) INCH IN ANY DIMENSION, WEEDS, UNDESIRABLE GRASSES AND OTHER EXTRANEOUS MATERIALS. TOPSOIL SHALL HAVE THE FOLLOWING RANGE OF VALUES:
   pH 5.0 TO 7.5
   SOLUBLE SALTS 500 PPM MAX
   ORGANIC CONTENT 5% TO 30%
   SILT CONTENT 35% TO 50%
   CLAY CONTENT 5% TO 10%
   DELETERIOUS MAT'L* 5% MAX
   *ROCK, GRAVEL, STONE, STICKS, ROOTS, SOD, ETC.
   2.2. TOPSOIL IS TO BE FINAL SCREENED THRU A 5/8" MAXIMUM MESH SCREEN PRIOR TO DELIVERY TO THE PROJECT SITE. ENGINEER SHALL REVIEW SOURCE AND FINAL SCREEN RESULTS PRIOR TO RELEASE OF TOPSOIL. CONTRACTOR SHALL SUBMIT A CERTIFIED ANALYSIS OF THE TOPSOIL FROM EACH SOURCE TO THE ENGINEER. TOPSOIL SHALL BE PLACED IN 4-INCH MINIMUM THICKNESS THROUGHOUT.

3. SAND FOR PLANTING MIXTURE SHALL BE CLEAN, MEDIUM-COARSE, UNGRADED SAND CONFORMING TO ASTM C3 FOR FINE AGGREGATES.

4. COMPOST SHALL BE COMPOSTED PINE BARK FINES OR OTHER HIGH-LIGNIN BARK FROM SPRUCE, FIR, OR OTHER CONIFERS.



ENTRANCE SIGN DETAIL
NOT TO SCALE

FORD LAND
17000 ROTUNDA DR, 1ST FLOOR SOUTH
DEARBORN, MICHIGAN 48120-1168
USA

Walbridge

BUILDING SITE CODE: XXX
FORD PROJECT NUMBER: XXXX-XX

WADE TRIM
25251 Northline Rd.
Taylor, MI 48180
734.947.9700
www.wadetrim.com

PROJECT NUMBER: WAB2004 01H

ERICH VON VIETTINGHOFF ENGINEER NO. 45997

THIS DRAWING HAS BEEN PREPARED BY OR ON BEHALF OF FORD MOTOR COMPANY. FORD MOTOR COMPANY RETAINS ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING COPYRIGHTS. THIS DRAWING SHALL NOT BE USED FOR ANY PURPOSE OTHER THAN PERFORMING SERVICES DIRECTLY OR INDIRECTLY TO FORD MOTOR COMPANY, WITHOUT THE EXPRESSED WRITTEN PERMISSION OF FORD MOTOR COMPANY. UNAUTHORIZED USE, COPYING OR MODIFICATION, INCLUDING THE REMOVAL OF THIS NOTE, MAY CONSTITUTE A VIOLATION OF CIVIL OR CRIMINAL LAWS ENFORCEABLE BY FORD OR GOVERNMENTAL AGENCIES.
COPYRIGHT © FORD MOTOR COMPANY (2009)

02/29/2024	•	SITE PLAN RESUBMITTAL
06/29/2023	•	SITE PLAN RESUBMITTAL
04/25/2023	•	SITE PLAN APPROVAL
04/14/2023	•	SITE PLAN PRE APPLICATION
DATE		ISSUED FOR

IN CHARGE:	J CIESIELSKI
DRAWN BY:	M KAMINSKI
DESIGNED BY:	S DODSON
CHECKED BY:	B NARTKER
APPROVED BY:	E SMITH

SHEET TITLE

LANDSCAPE DETAILS

FORD DWG NO. REV. #

SHEET NUMBER

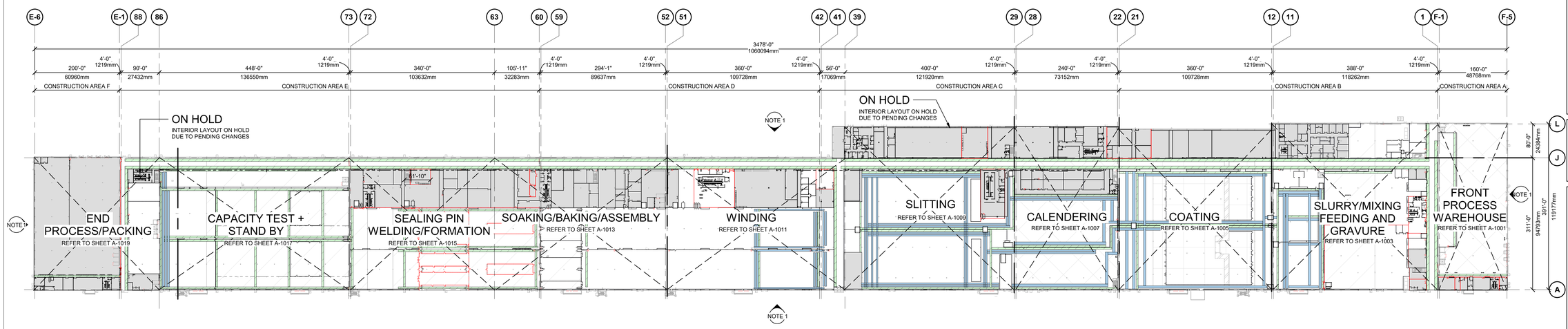
L1.6

PRINTED COPIES ARE UNCONTROLLED

PLOT DATE: 2/27/2024 2:25:34 PM SAVE DATE: 2/6/2024 4:39:06 PM LOPEZ, EMILY C:\Users\ELopez\OneDrive - Ford Motor Company\Desktop\Work Files\FRD20111-NSF Project Hickory\Project Files\10 Design\Civil 3D\Phase II\Plan Sheets\PSH\100\12\001-CS-LAND-A2(WADE).dwg

NOTES:

1. REFER TO GALA & ASSOCIATES INC. SET TO SEE EXTERIOR ELEVATIONS DRAWINGS.
2. REFER TO STRUCTURAL DRAWINGS FOR COLUMN GRIDS DIMENSIONS.

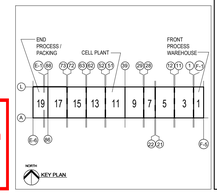


CELL PLANT FIRST FLOOR COMPOSITE

SCALE: 1" = 100'-0"

NORTH

AREA ON HOLD
(INTERIOR LAYOUT ON HOLD
DUE TO PENDING CHANGES)



Preliminary
Not for Construction
02/20/2024
SSOE, Inc.

FORD LAND
17000 ROTUNDA DR, 1ST FLOOR SOUTH
DEARBORN, MICHIGAN 48120-1168
USA

BLUE OVAL
BATTERY PARK
MICHIGAN

BATTERY PLANT

MARSHALL CALHOUN MI

FORD LAND DOCUMENT PROJECT NUMBER: 6000019-001

Walbridge

A/E OF RECORD LOGO

ssoe®

A/E OF RECORD REGISTRATION SEAL

STATE OF MICHIGAN
LUIS ARTURO
GARZA RIVERA
ARCHITECT
02/20/2024
No.
1301072391
LICENSED ARCHITECT

DATE	ISSUED FOR
02-21-2024	SITE PLAN REVIEW
09-29-2023	PERMITS
07-20-2023	PREPURCHASE

A/E TEAM INFORMATION

IN CHARGE:	J. HEIDT
DRAWN BY:	P. KOHLER
DESIGNED BY:	A. GARZA
CHECKED BY:	J. SCHOENHERR
APPROVED BY:	J. HEIDT
A/E PROJECT NUMBER:	022-01220-00

SHEET TITLE

FIRST FLOOR COMPOSITE

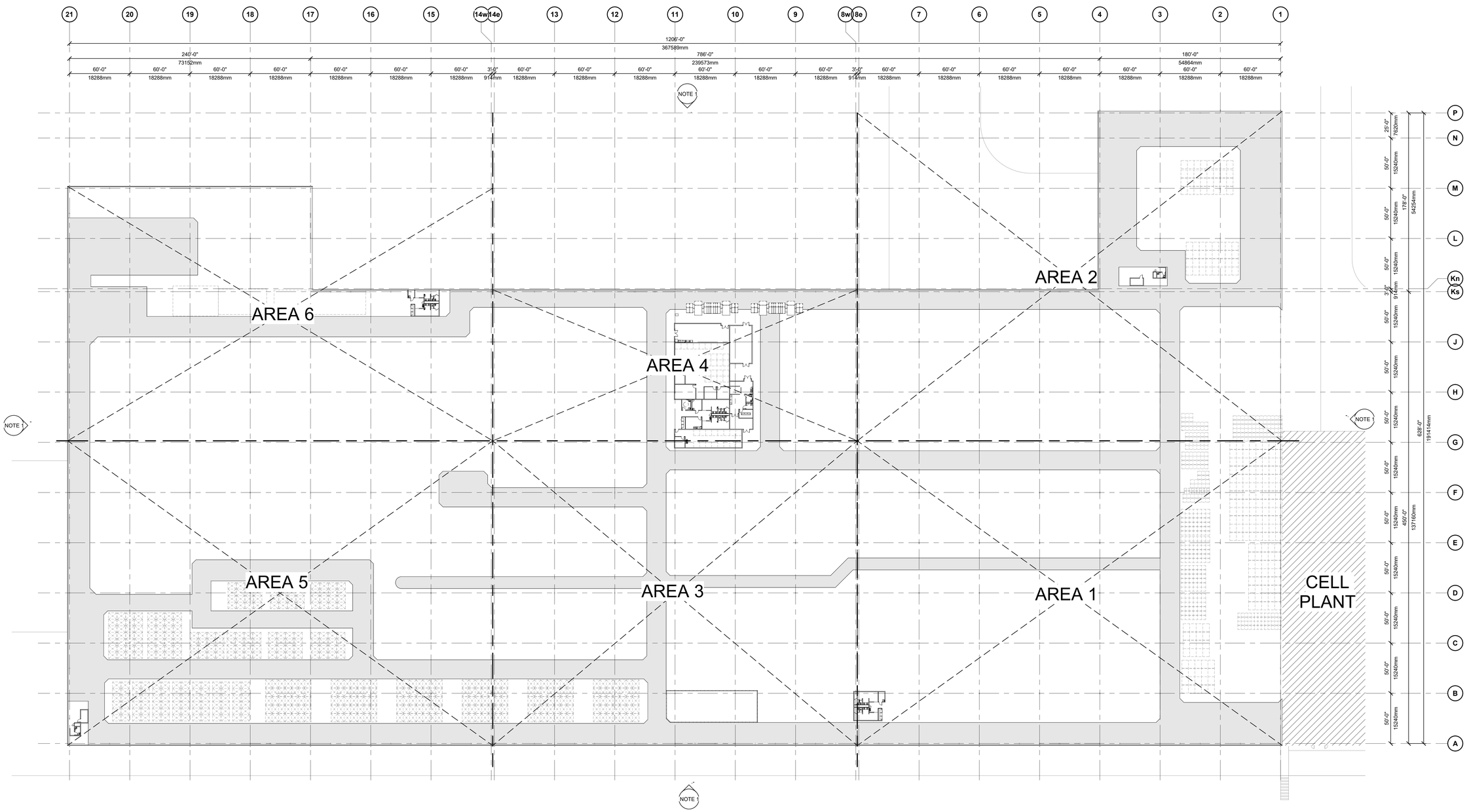
SHEET NUMBER 6000019-001

A-0100

FILE PLOT DATE STAMP 2/20/2024 5:20:03 PM

NOTES:

1. REFER TO GALA & ASSOCIATES INC. SET TO SEE EXTERIOR ELEVATIONS DRAWINGS.
2. REFER TO STRUCTURAL DRAWINGS FOR COLUMN GRIDS DIMENSIONS.



PACK PLANT - FLOOR PLAN FIRST FLOOR COMPOSITE
SCALE: 1" = 40'-0"

NORTH

FORD LAND
17000 ROTUNDA DR, 1ST FLOOR SOUTH
DEARBORN, MICHIGAN 48120-1168
USA

BLUE OVAL
BATTERY PARK
MICHIGAN

PACK PLANT

MARSHALL CALHOUN MI

FORD LAND DOCUMENT PROJECT NUMBER: 6000603-001

Walbridge

A/E OF RECORD LOGO

ssoe®

A/E OF RECORD REGISTRATION SEAL

STATE OF MICHIGAN
LUIS ARTURO GARZA RIVERA
ARCHITECT
02/20/2024
No. 1301072391
LICENSED ARCHITECT

DATE	ISSUED FOR
02-21-2024	SITE PLAN REVIEW

A/E TEAM INFORMATION

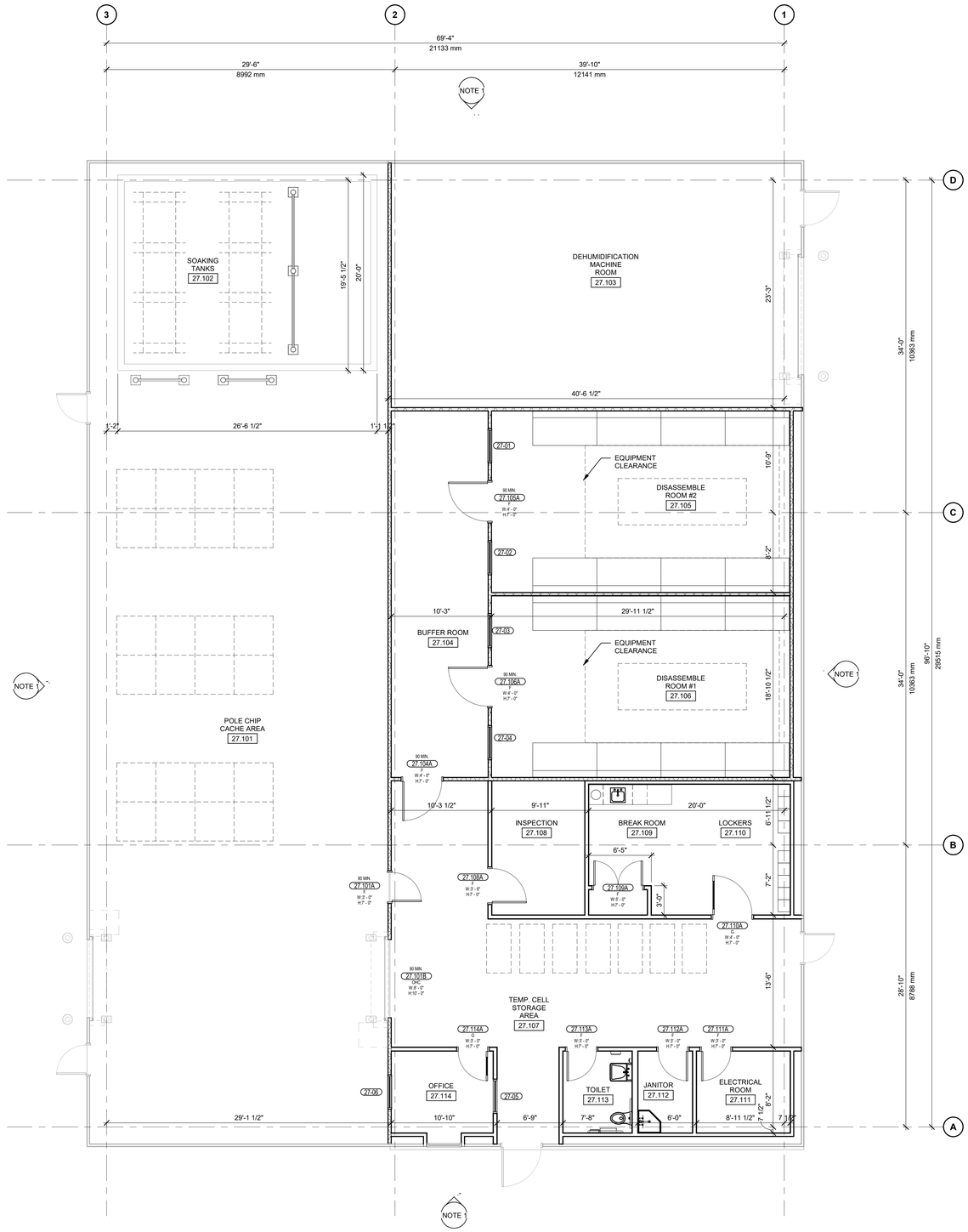
IN CHARGE:	J. HEIDT
DRAWN BY:	C. RODRIGUEZ
DESIGNED BY:	A. GARZA
CHECKED BY:	J. SCHOENHERR
APPROVED BY:	J. HEIDT
A/E PROJECT NUMBER	022-01220-00

SHEET TITLE
FIRST FLOOR COMPOSITE

SHEET NUMBER 6000603-001
A-100

Preliminary
Not for Construction
02/20/2024
SSOE, Inc.

FILE PLOT DATE STAMP 2/20/2024 5:28:22 PM



BATTERY DISASSEMBLE BUILDING - FIRST FLOOR COMPOSITE

SCALE: 3/16" = 1'-0"

NORTH

NOTES:

1. REFER TO GALA & ASSOCIATES INC. SET TO SEE EXTERIOR ELEVATION DRAWINGS.
2. REFER TO STRUCTURAL DRAWINGS FOR COLUMN GRIDS DIMENSIONS.

FORD LAND

17000 ROTUNDA DR, 1ST FLOOR SOUTH
DEARBORN, MICHIGAN 48120-1168
USA

BLUE OVAL
BATTERY PARK
MICHIGAN

BATTERY
DISASSEMBLE
BUILDING

MARSHALL CALHOUN MI

FORD LAND DOCUMENT PROJECT NUMBER: 6000027-001

Walbridge

A/E OF RECORD LOGO

ssoe®

A/E OF RECORD REGISTRATION SEAL

STATE OF MICHIGAN
LUIS ARTURO GARZA RIVERA
ARCHITECT
02/20/2024
NO. 1301072391
LICENSED ARCHITECT

DATE	ISSUED FOR
02-21-2024	SITE PLAN REVIEW
10-30-2023	30% REVIEW

A/E TEAM INFORMATION

IN CHARGE:	J. HEIDT
DRAWN BY:	R. CIRILLO
DESIGNED BY:	A. GARZA
CHECKED BY:	J. SCHOENHERR
APPROVED BY:	J. HEIDT
A/E PROJECT NUMBER	022-01220-00

SHEET TITLE

FIRST FLOOR COMPOSITE

SHEET NUMBER 6000027-001

A-101

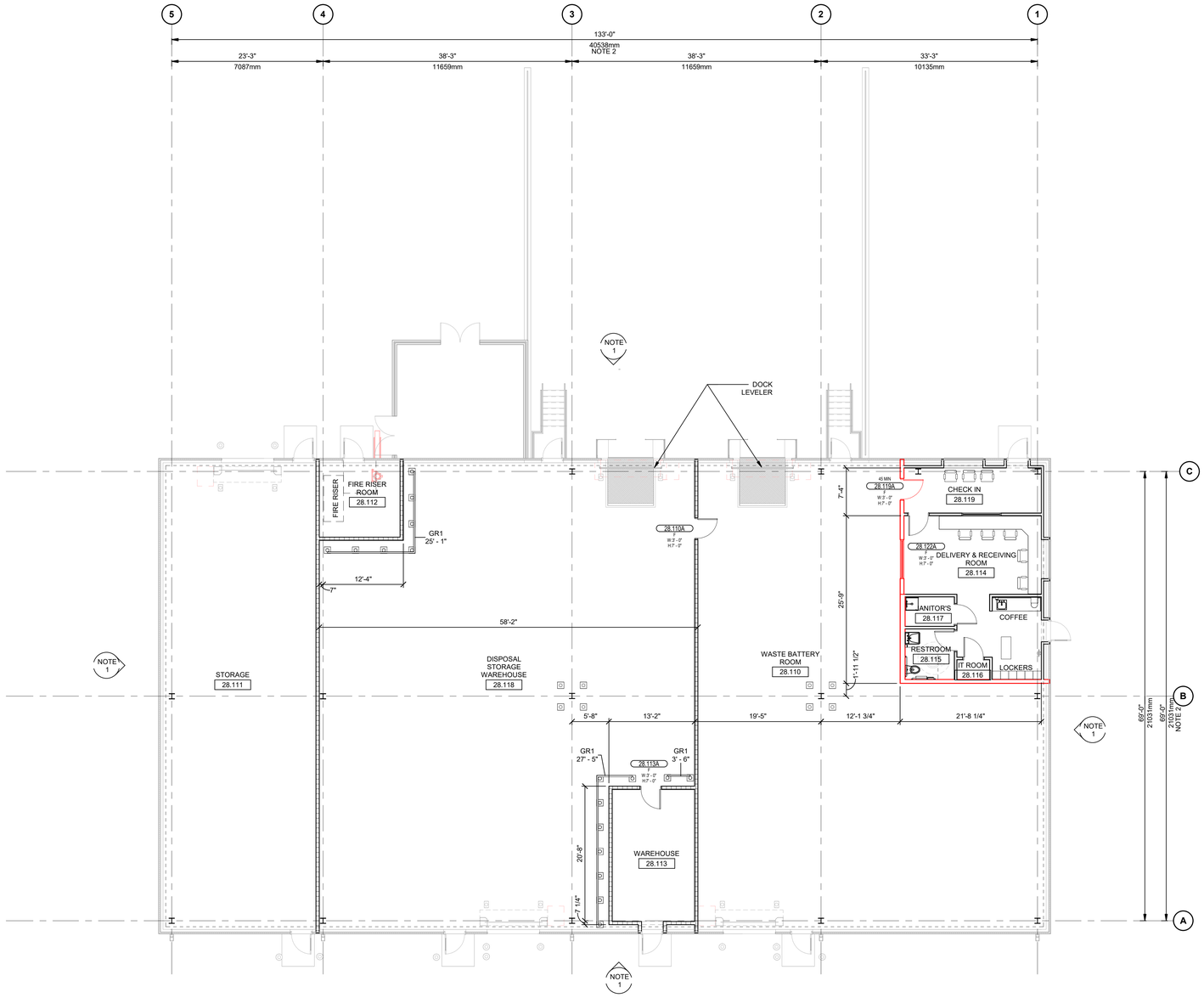
Preliminary
Not for Construction
02/20/2024
SSOE, Inc.

FILE PLOT DATE STAMP 2/20/2024 5:17:23 PM

NOTES

1. . REFER TO GALA & ASSOCIATES INC. SET TO SEE EXTERIOR ELEVATIONS DRAWINGS.

2. REFER TO STRUCTURAL DRAWINGS FOR COLUMN GRIDS DIMENSIONS.



NORTH

DISPOSAL WAREHOUSE - FIRST FLOOR COMPOSITE

SCALE: 1/8" = 1'-0"

FORD LAND

17000 ROTUNDA DR, 1ST FLOOR SOUTH
DEARBORN, MICHIGAN 48120-1168
USA

BLUE OVAL
BATTERY PARK
MICHIGAN

DISPOSAL
WAREHOUSE

MARSHALL CALHOUN MI

FORD LAND DOCUMENT PROJECT NUMBER: 6000028-001

Walbridge

A/E OF RECORD LOGO

ssoe®

A/E OF RECORD REGISTRATION SEAL

STATE OF MICHIGAN
LUIS ARTURO GARZA RIVERA
ARCHITECT
02/20/2024
No. 1301072391
LICENSED ARCHITECT

DATE	ISSUED FOR
02-21-2024	SITE PLAN REVIEW
10-30-2023	30% REVIEW

A/E TEAM INFORMATION

IN CHARGE:	J. HEIDT
DRAWN BY:	R.CIRILLO
DESIGNED BY:	A. GARZA
CHECKED BY:	J. SCHOENHERR
APPROVED BY:	J. HEIDT
A/E PROJECT NUMBER:	022-01220-00

SHEET TITLE

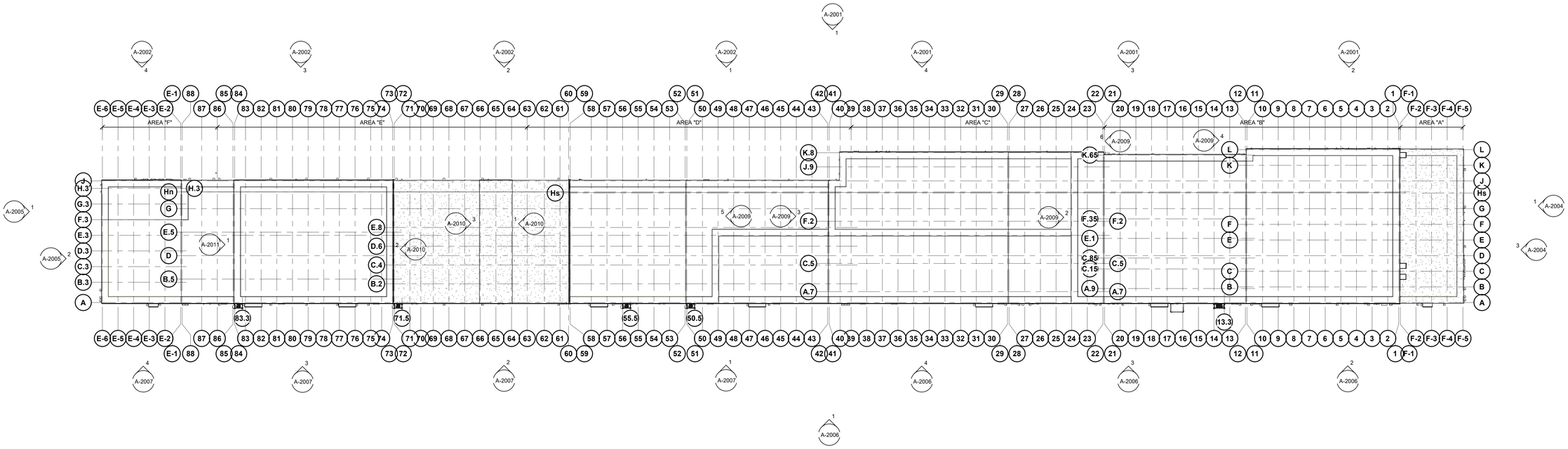
FIRST FLOOR COMPOSITE

SHEET NUMBER 6000028-001

A-101

Preliminary
Not for Construction
02/20/2024
SSOE, Inc.

FILE PLOT DATE STAMP 2/20/2024 5:46:22 PM



1 BUILDING ELEVATION - KEY PLAN
NOT TO SCALE

FORD LAND
17000 ROTUNDA DR, 1ST FLOOR SOUTH
DEARBORN, MICHIGAN 48120-1168
USA

BLUE OVAL
BATTERY PARK
MICHIGAN

BATTERY PLANT

MARSHALL CALHOUN MI

FORD LAND DOCUMENT PROJECT NUMBER: 6000019-001

Walbridge

A/E OF RECORD LOGO

gala & ASSOCIATES, INC.

A/E OF RECORD REGISTRATION SEAL

STATE OF MICHIGAN
HUSSEIN M ELHAGE
ENGINEER
No. 6201036731
LICENSED PROFESSIONAL ENGINEER

DATE	ISSUED FOR
02-21-2024	SITE PLAN REVIEW
02-15-2024	IFC - ENCLOSURE
10-06-2023	IFC - ENCLOSURE
07-21-2023	MILL ORDER
07-07-2023	MILL ORDER
06-16-2023	MILL ORDER

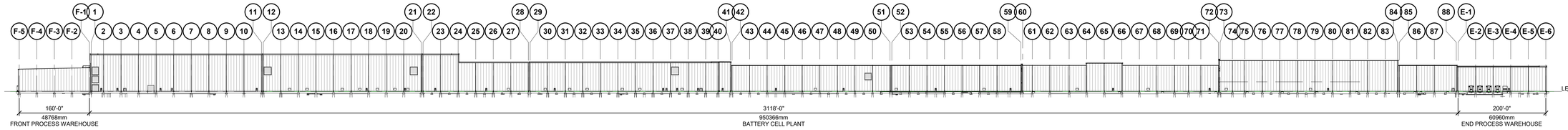
A/E TEAM INFORMATION

IN CHARGE: W. GHALAWANJI
DRAWN BY: Author
DESIGNED BY: Designer
CHECKED BY: Checker
APPROVED BY: H. ELHAGE
A/E PROJECT NUMBER 9-23-5155

SHEET TITLE
BUILDING ELEVATIONS - KEY PLAN

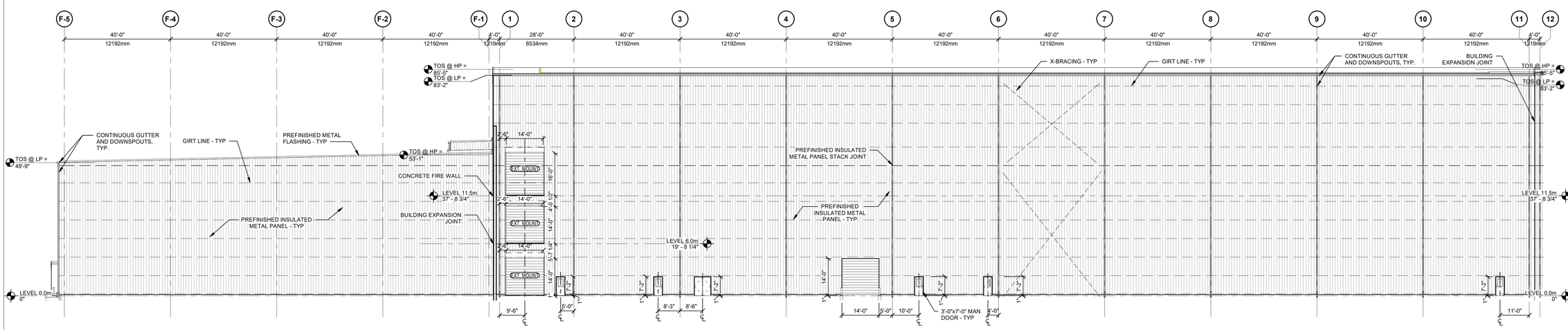
SHEET NUMBER 6000019-001
A-2000

FILE PLOT DATE STAMP 2/19/2024 1:38:23 PM



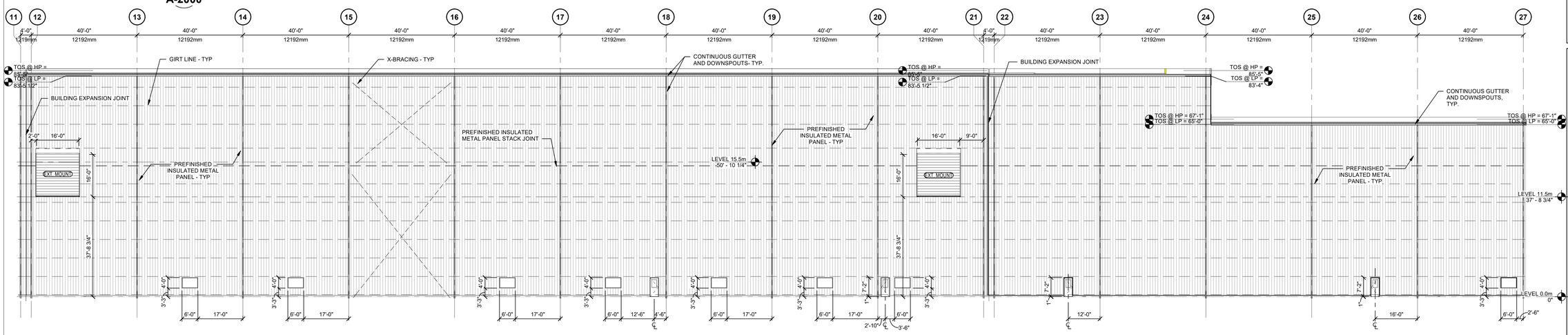
1 A-2000 NORTH ELEVATION - COMPOSITE

SCALE: 1" = 100'-0"



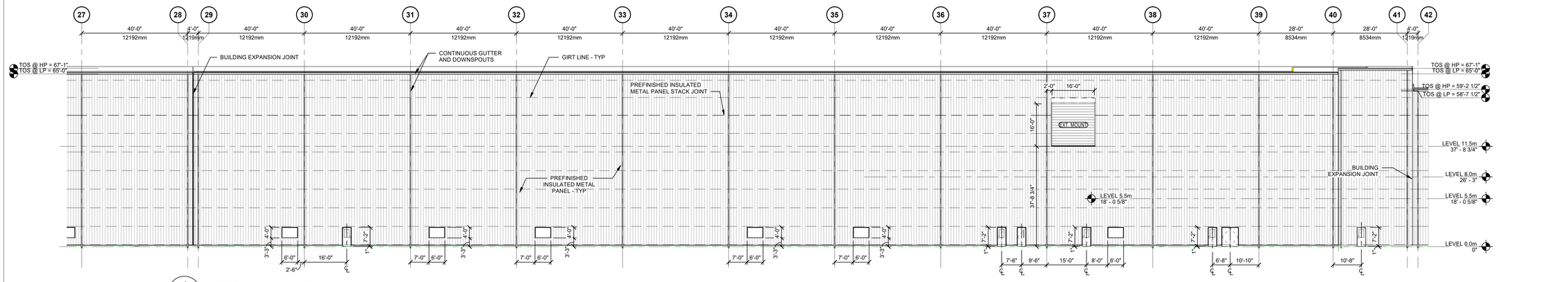
2 A-2000 NORTH ELEVATION - PARTIAL

SCALE: 1/16" = 1'-0"



3 A-2000 NORTH ELEVATION - PARTIAL

SCALE: 1/16" = 1'-0"



4 A-2000 NORTH ELEVATION - PARTIAL

SCALE: 1/16" = 1'-0"

FORD LAND
17000 ROTUNDA DR, 1ST FLOOR SOUTH
DEARBORN, MICHIGAN 48120-1168
USA

BLUE OVAL
BATTERY PARK
MICHIGAN

BATTERY PLANT

MARSHALL CALHOUN MI

FORD LAND DOCUMENT PROJECT NUMBER: 6000019-001

Walbridge

A/E OF RECORD LOGO

gala & ASSOCIATES, INC.

A/E OF RECORD REGISTRATION SEAL

STATE OF MICHIGAN
HUSSEIN M ELHAGE
ENGINEER
No. 6201006731
LICENSED PROFESSIONAL ENGINEER

DATE	ISSUED FOR
02-21-2024	SITE PLAN REVIEW
02-15-2024	IFC - ENCLOSURE
10-06-2023	IFC - ENCLOSURE
07-21-2023	MILL ORDER
07-07-2023	MILL ORDER
06-16-2023	MILL ORDER

A/E TEAM INFORMATION

IN CHARGE:	W. GHALAWANJI
DRAWN BY:	Author
DESIGNED BY:	Designer
CHECKED BY:	Checker
APPROVED BY:	H. ELHAGE
A/E PROJECT NUMBER	9-23-5155

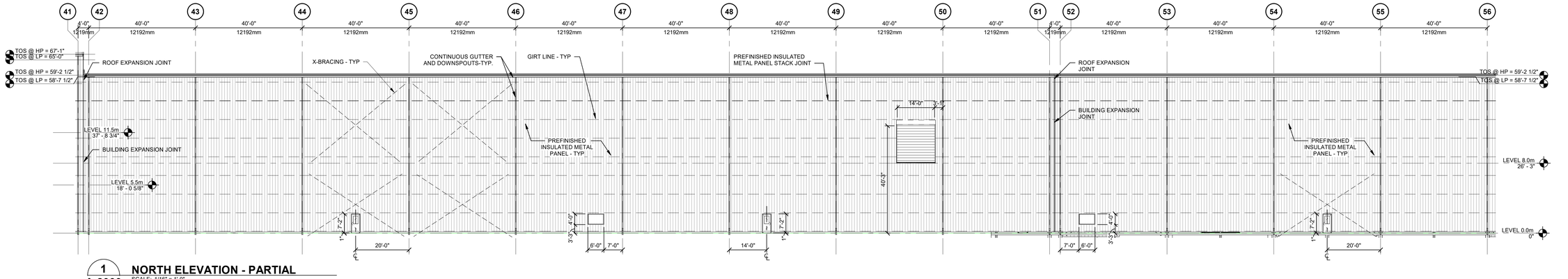
SHEET TITLE

BUILDING ELEVATIONS - NORTH

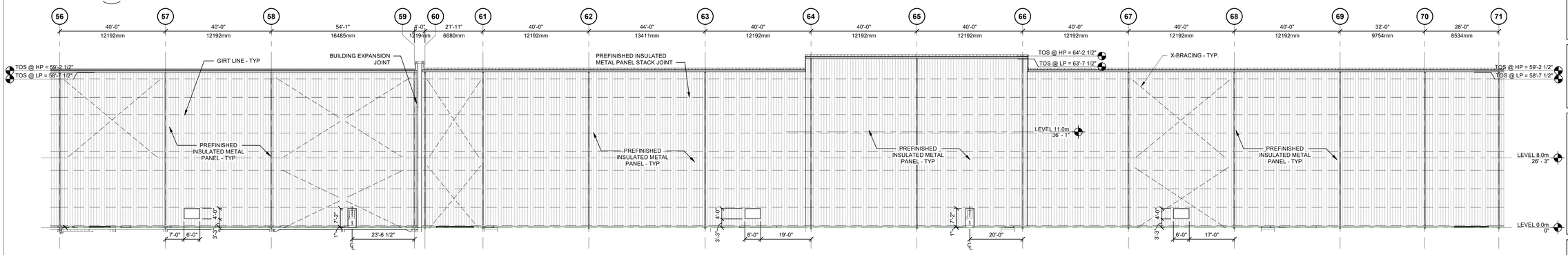
SHEET NUMBER 6000019-001

A-2001

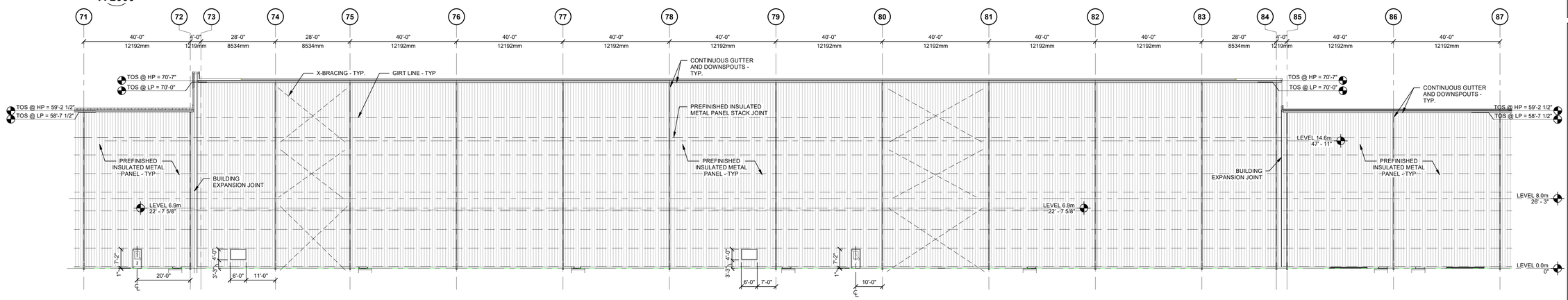
FILE PLOT DATE STAMP 2/19/2024 1:38:37 PM



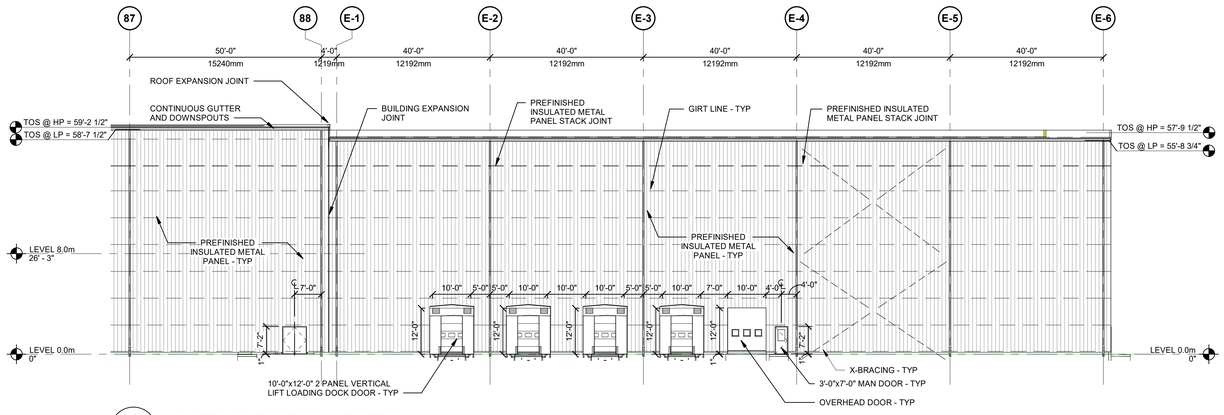
1 **NORTH ELEVATION - PARTIAL**
A-2000 SCALE: 1/16" = 1'-0"



2 **NORTH ELEVATION - PARTIAL**
A-2000 SCALE: 1/16" = 1'-0"



3 **NORTH ELEVATION - PARTIAL**
A-2000 SCALE: 1/16" = 1'-0"



4 **NORTH ELEVATION - PARTIAL**
A-2000 SCALE: 1/16" = 1'-0"

FORD LAND
17000 ROTUNDA DR, 1ST FLOOR SOUTH
DEARBORN, MICHIGAN 48120-1168
USA

BLUE OVAL
BATTERY PARK
MICHIGAN

BATTERY PLANT

MARSHALL CALHOUN MI

FORD LAND DOCUMENT PROJECT NUMBER: 6000019-001

Walbridge

A/E OF RECORD LOGO

gala & ASSOCIATES, INC.

A/E OF RECORD REGISTRATION SEAL

STATE OF MICHIGAN
HUSSEIN M ELHAGE
ENGINEER
No. 6201036731
LICENSED PROFESSIONAL ENGINEER

DATE	ISSUED FOR
02-21-2024	SITE PLAN REVIEW
10-06-2023	IFC - ENCLOSURE
07-21-2023	MILL ORDER
07-07-2023	MILL ORDER

A/E TEAM INFORMATION

IN CHARGE:	W. GHALAWANJI
DRAWN BY:	Author
DESIGNED BY:	Designer
CHECKED BY:	Checker
APPROVED BY:	H. ELHAGE
A/E PROJECT NUMBER	9-23-5155

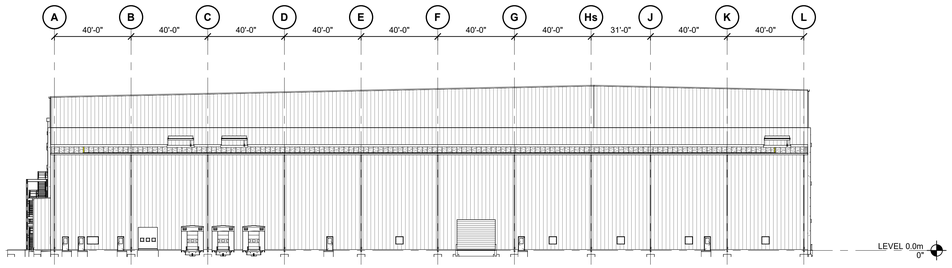
SHEET TITLE

BUILDING ELEVATIONS - NORTH

SHEET NUMBER 6000019-001

A-2002

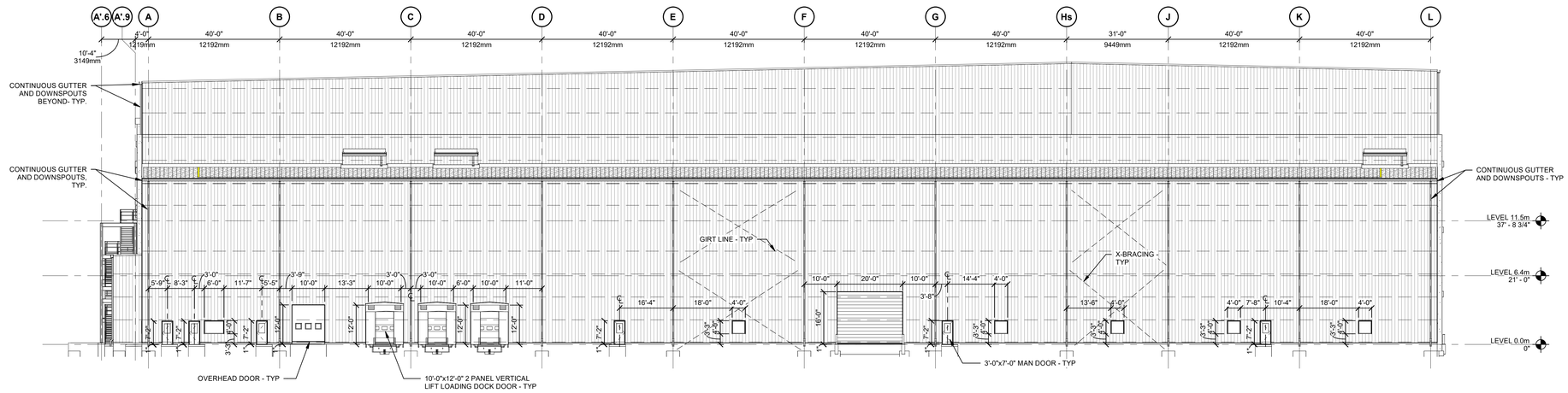
FILE PLOT DATE STAMP 2/19/2024 1:38:48 PM



1
A-2000

EAST ELEVATION - COMPOSITE

SCALE: 1/32" = 1'-0"



3
A-2000

EAST ELEVATION - PARTIAL

SCALE: 1/16" = 1'-0"

FORD LAND
17000 ROTUNDA DR, 1ST FLOOR SOUTH
DEARBORN, MICHIGAN 48120-1168
USA

BLUE OVAL
BATTERY PARK
MICHIGAN

BATTERY PLANT

MARSHALL CALHOUN MI

FORD LAND DOCUMENT PROJECT NUMBER: 6000019-001

Walbridge

A/E OF RECORD LOGO

gala & ASSOCIATES, INC.

A/E OF RECORD REGISTRATION SEAL

STATE OF MICHIGAN
HUSSEIN M ELHAGE
ENGINEER
No. 6201200731
LICENSED PROFESSIONAL ENGINEER

DATE	ISSUED FOR
02-21-2024	SITE PLAN REVIEW
02-15-2024	IFC - ENCLOSURE
10-06-2023	IFC - ENCLOSURE
07-21-2023	MILL ORDER

A/E TEAM INFORMATION

IN CHARGE:	W. GHALAWANJI
DRAWN BY:	Author
DESIGNED BY:	Designer
CHECKED BY:	Checker
APPROVED BY:	H. ELHAGE
A/E PROJECT NUMBER:	9-23-5155

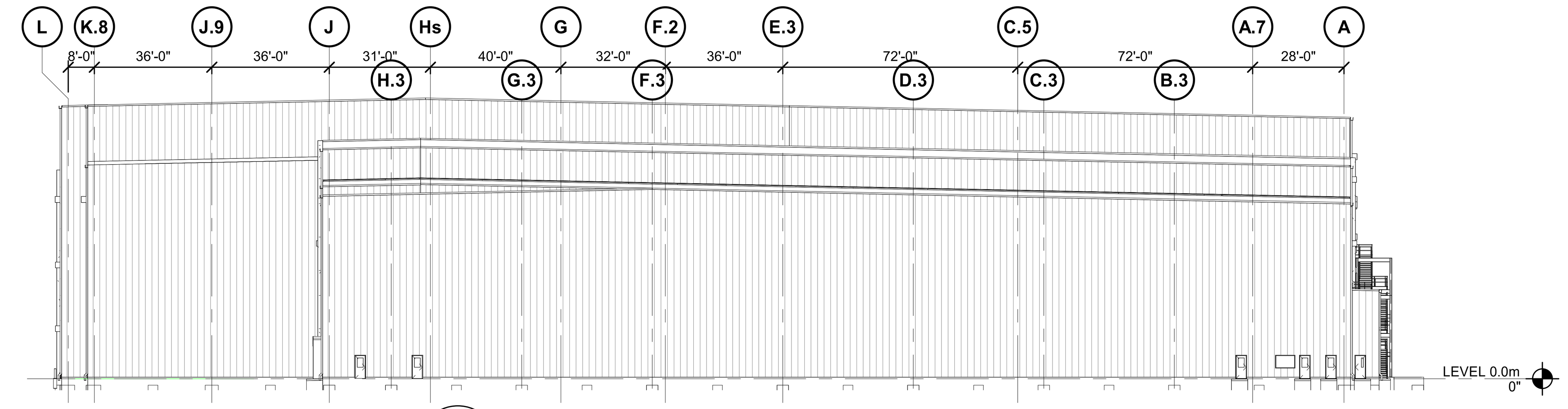
SHEET TITLE

BUILDING ELEVATIONS - EAST

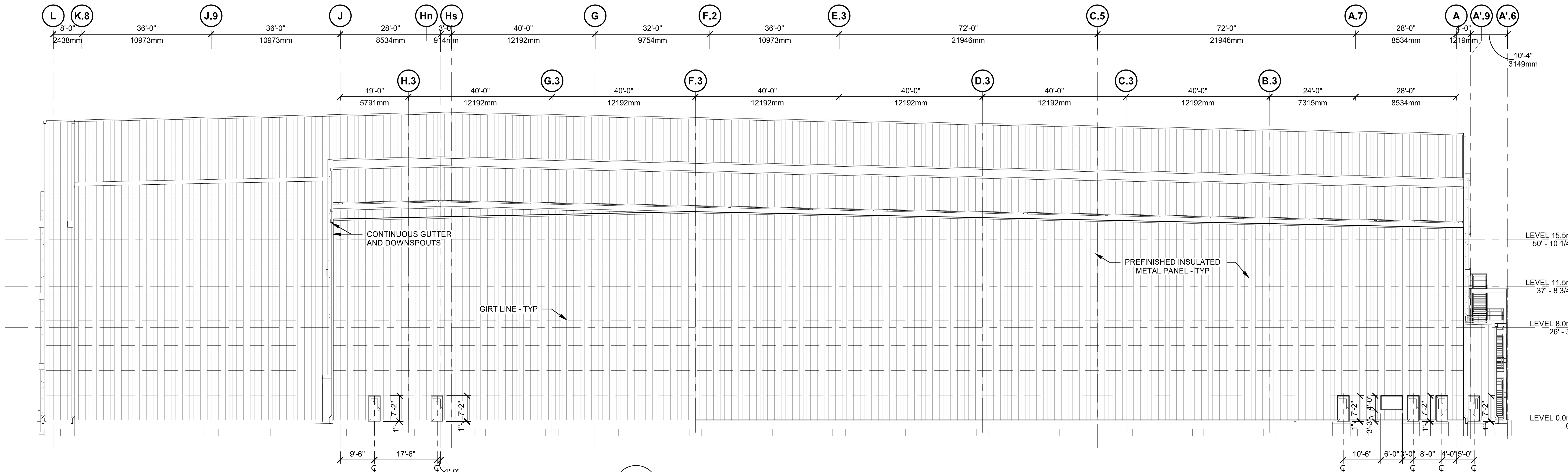
SHEET NUMBER 6000019-001

A-2004

FILE PLOT DATE STAMP 2/19/2024 1:39:04 PM



1 A-2000 WEST ELEVATION - COMPOSITE
SCALE: 1/32" = 1'-0"



2 A-2000 WEST ELEVATION - PARTIAL
SCALE: 1/16" = 1'-0"

FORD LAND

17000 ROTUNDA DR, 1ST FLOOR SOUTH
DEARBORN, MICHIGAN 48120-1168
USA

BLUE OVAL
BATTERY PARK
MICHIGAN

BATTERY PLANT

MARSHALL CALHOUN MI

FORD LAND DOCUMENT PROJECT NUMBER: 6000019-001

Walbridge

A/E OF RECORD LOGO

gala & ASSOCIATES, INC.

A/E OF RECORD REGISTRATION SEAL

STATE OF MICHIGAN
HUSSEIN M ELHAGE ENGINEER No. 6201036731
LICENSED PROFESSIONAL ENGINEER

DATE	ISSUED FOR
02-21-2024	SITE PLAN REVIEW
02-15-2024	IFC - ENCLOSURE
10-06-2023	IFC - ENCLOSURE

A/E TEAM INFORMATION

IN CHARGE:	W. GHALAWANJI
DRAWN BY:	Author
DESIGNED BY:	Designer
CHECKED BY:	Checker
APPROVED BY:	H. ELHAGE
A/E PROJECT NUMBER:	9-23-5155

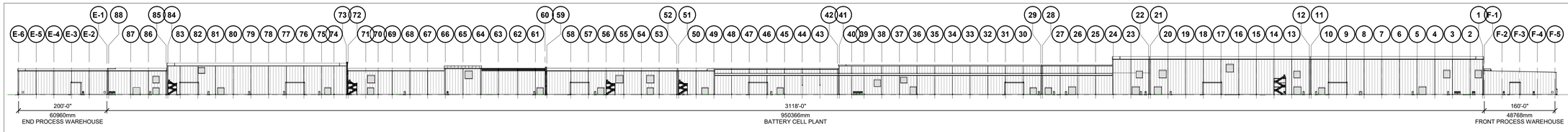
SHEET TITLE

BUILDING ELEVATIONS - WEST

SHEET NUMBER 6000019-001

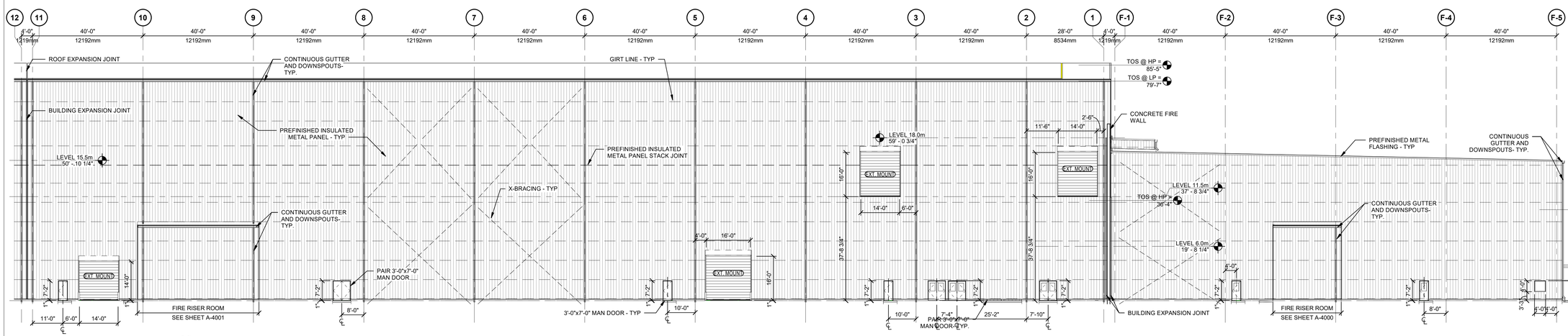
A-2005

FILE PLOT DATE STAMP 2/19/2024 1:39:20 PM



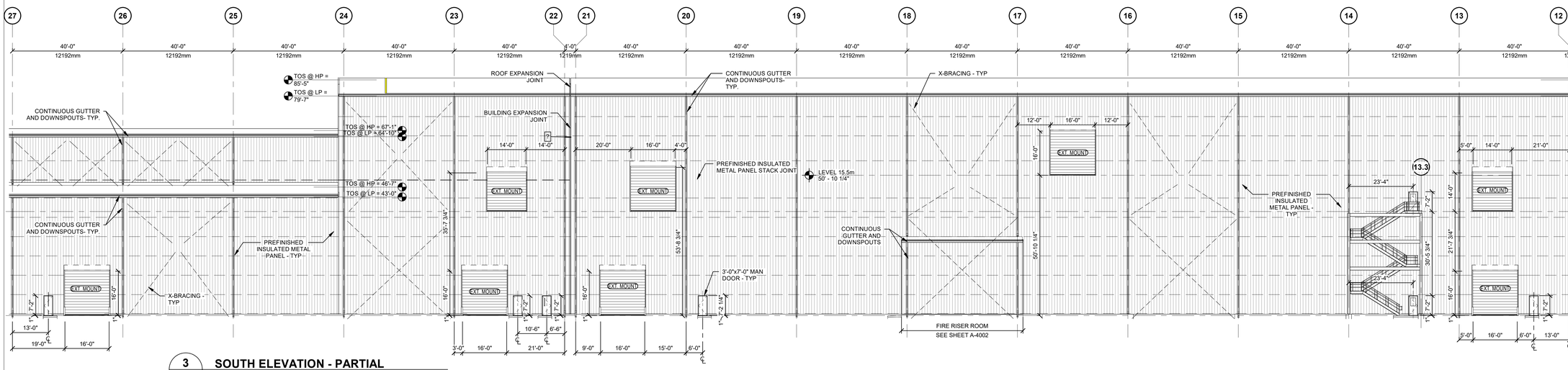
1 A-2000 SOUTH ELEVATION - COMPOSITE

SCALE: 1" = 100'-0"



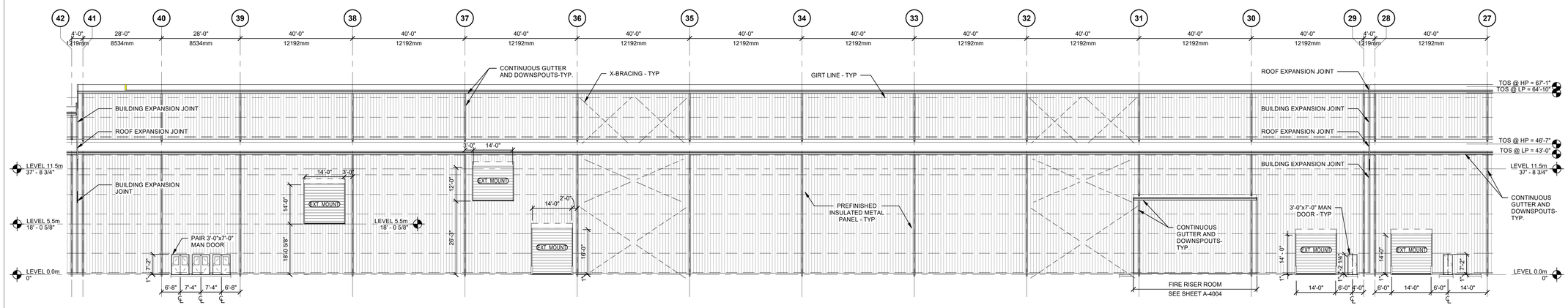
2 A-2000 SOUTH ELEVATION - PARTIAL

SCALE: 1/16" = 1'-0"



3 A-2000 SOUTH ELEVATION - PARTIAL

SCALE: 1/16" = 1'-0"



4 A-2000 SOUTH ELEVATION - PARTIAL

SCALE: 1/16" = 1'-0"

FORD LAND

17000 ROTUNDA DR, 1ST FLOOR SOUTH
DEARBORN, MICHIGAN 48120-1168
USA

BLUE OVAL
BATTERY PARK
MICHIGAN

BATTERY PLANT

MARSHALL CALHOUN MI

FORD LAND DOCUMENT PROJECT NUMBER: 6000019-001

Walbridge

A/E OF RECORD LOGO

gala & ASSOCIATES, INC.

A/E OF RECORD REGISTRATION SEAL

STATE OF MICHIGAN
HUSSEIN M ELHAGE
ENGINEER
No. 6201036731
LICENSED PROFESSIONAL ENGINEER

DATE	ISSUED FOR
XX-XX-XXXX	NEXT ISSUE
02-21-2024	SITE PLAN REVIEW
10-06-2023	IFC - ENCLOSURE
07-21-2023	MILL ORDER
07-07-2023	MILL ORDER
06-16-2023	MILL ORDER

A/E TEAM INFORMATION

IN CHARGE:	W. GHALAWANJI
DRAWN BY:	Author
DESIGNED BY:	Designer
CHECKED BY:	Checker
APPROVED BY:	H. ELHAGE
A/E PROJECT NUMBER	9-23-5155

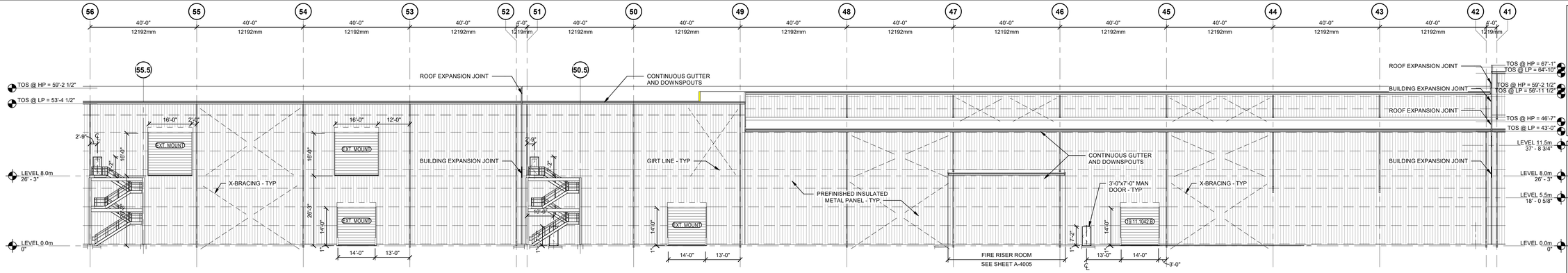
SHEET TITLE

BUILDING ELEVATIONS - SOUTH

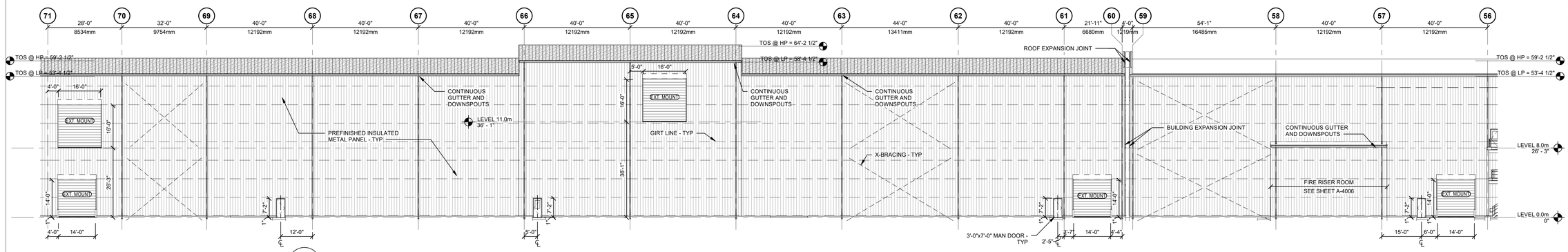
SHEET NUMBER 6000019-001

A-2006

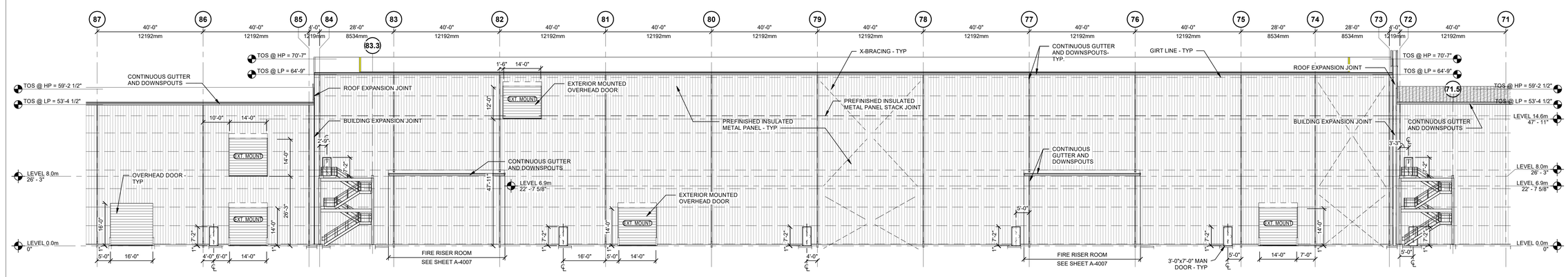
FILE PLOT DATE STAMP 2/19/2024 1:39:50 PM



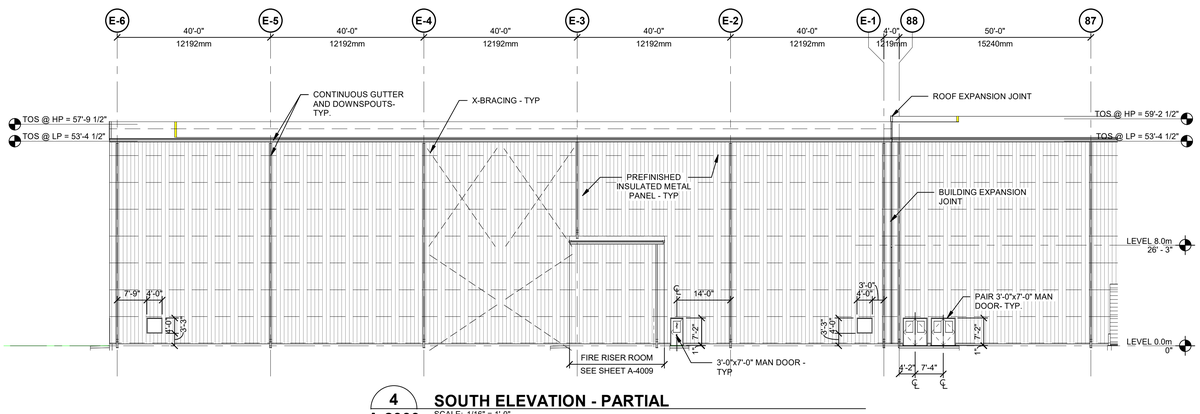
1 **SOUTH ELEVATION - PARTIAL**
A-2000 SCALE: 1/16" = 1'-0"



2 **SOUTH ELEVATION - PARTIAL**
A-2000 SCALE: 1/16" = 1'-0"



3 **SOUTH ELEVATION - PARTIAL**
A-2000 SCALE: 1/16" = 1'-0"



4 **SOUTH ELEVATION - PARTIAL**
A-2000 SCALE: 1/16" = 1'-0"

FORD LAND
17000 ROTUNDA DR, 1ST FLOOR SOUTH
DEARBORN, MICHIGAN 48120-1168
USA

BLUE OVAL BATTERY PARK MICHIGAN

BATTERY PLANT

MARSHALL CALHOUN MI

FORD LAND DOCUMENT PROJECT NUMBER: 6000019-001

Walbridge

A/E OF RECORD LOGO

gala & ASSOCIATES, INC.

A/E OF RECORD REGISTRATION SEAL

STATE OF MICHIGAN
HUSSEIN M ELHAGE
ENGINEER
No. 6201036731
LICENSED PROFESSIONAL ENGINEER

DATE	ISSUED FOR
02-21-2024	SITE PLAN REVIEW
02-15-2024	IFC - ENCLOSURE
10-06-2023	IFC - ENCLOSURE
07-21-2023	MILL ORDER
07-07-2023	MILL ORDER

A/E TEAM INFORMATION

IN CHARGE:	W. GHALAWANJI
DRAWN BY:	Author
DESIGNED BY:	Designer
CHECKED BY:	Checker
APPROVED BY:	H. ELHAGE
A/E PROJECT NUMBER	9-23-5155

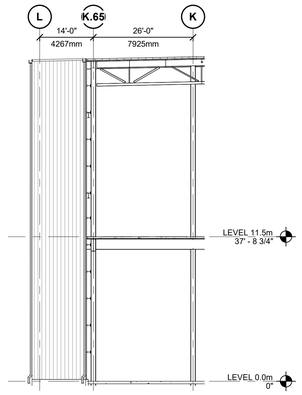
SHEET TITLE

BUILDING ELEVATIONS - SOUTH

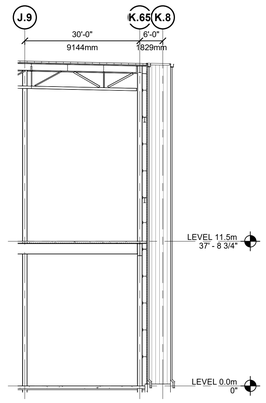
SHEET NUMBER 6000019-001

A-2007

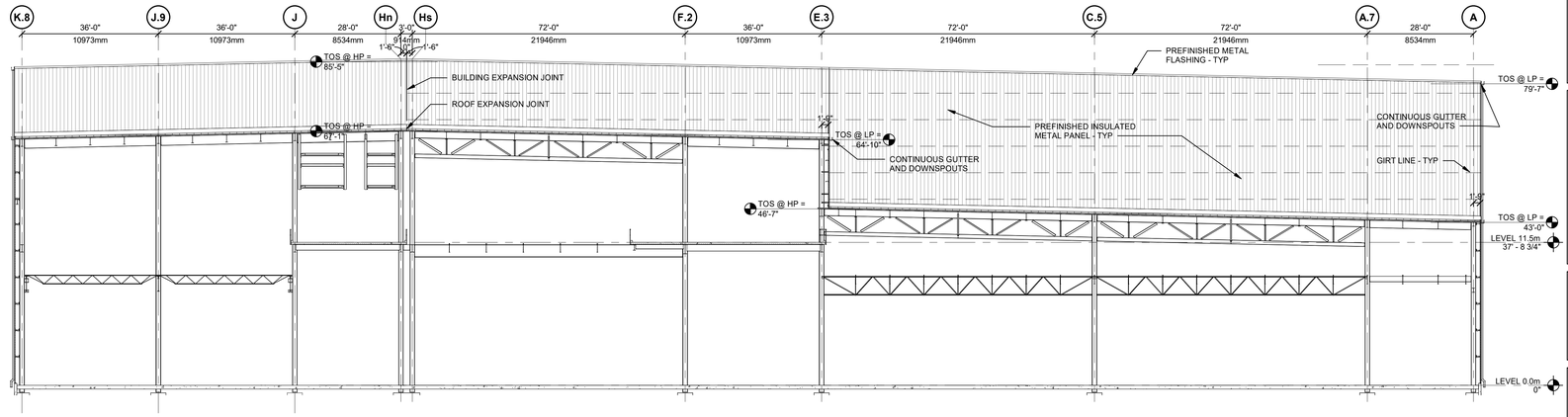
FILE PLOT DATE STAMP 2/19/2024 1:40:02 PM



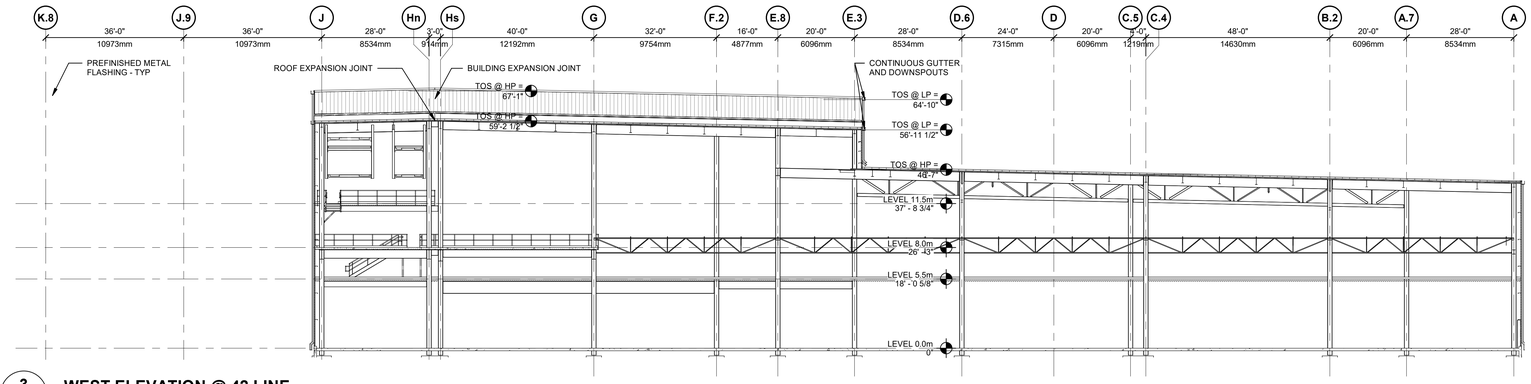
4 A-2000 **WEST ELEVATION - PARTIAL @ 12 LINE**
SCALE: 1/16" = 1'-0"



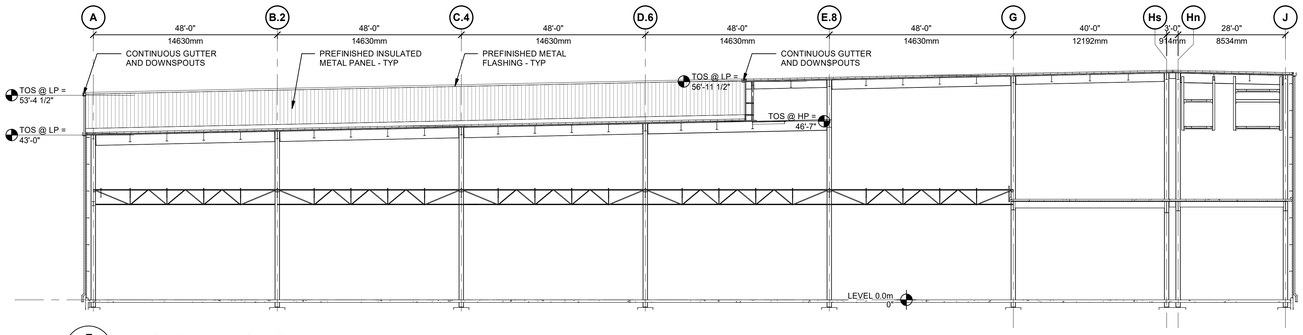
6 A-2000 **WEST ELEVATION - PARTIAL @ 21 LINE**
SCALE: 1/16" = 1'-0"



2 A-2000 **WEST ELEVATION @ 24 LINE**
SCALE: 1/16" = 1'-0"



3 A-2000 **WEST ELEVATION @ 42 LINE**
SCALE: 1/16" = 1'-0"



5 A-2000 **EAST ELEVATION @ 49 LINE**
SCALE: 1/16" = 1'-0"

FORD LAND
17000 ROTUNDA DR, 1ST FLOOR SOUTH
DEARBORN, MICHIGAN 48120-1168
USA

BLUE OVAL
BATTERY PARK
MICHIGAN

BATTERY PLANT

MARSHALL CALHOUN MI

FORD LAND DOCUMENT PROJECT NUMBER: 6000019-001

Walbridge

A/E OF RECORD LOGO

gala & ASSOCIATES, INC.

A/E OF RECORD REGISTRATION SEAL

STATE OF MICHIGAN
HUSSEIN M ELHAGE
ENGINEER
No. 6201036731
LICENSED PROFESSIONAL ENGINEER

DATE	ISSUED FOR
02-21-2024	SITE PLAN REVIEW
02-15-2024	IFC - ENCLOSURE
10-06-2023	IFC - ENCLOSURE

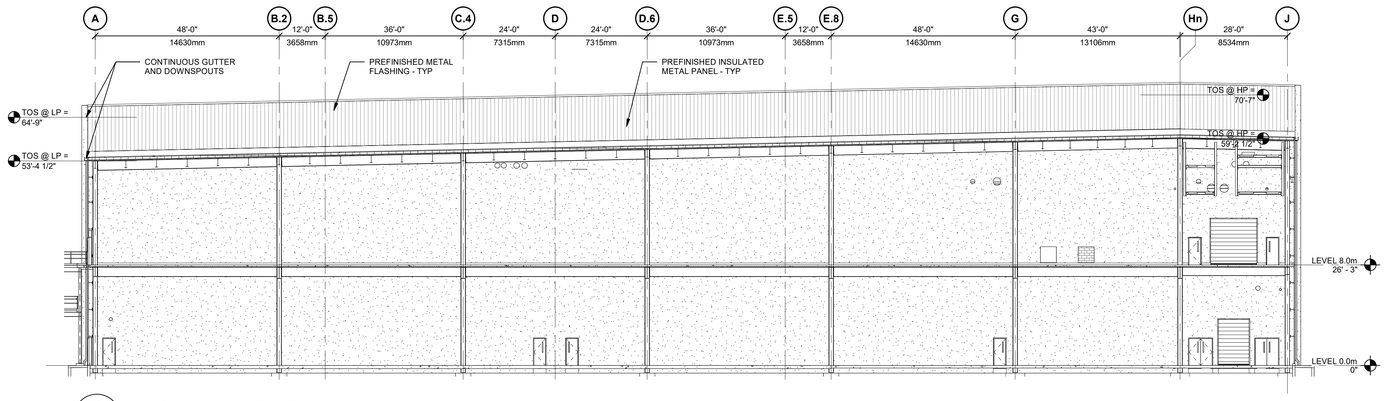
A/E TEAM INFORMATION

IN CHARGE:	W. GHALAWANJI
DRAWN BY:	C. ORLANDO
DESIGNED BY:	C. ORLANDO
CHECKED BY:	W. GHALAWANJI
APPROVED BY:	H. ELHAGE
A/E PROJECT NUMBER	9-23-5155

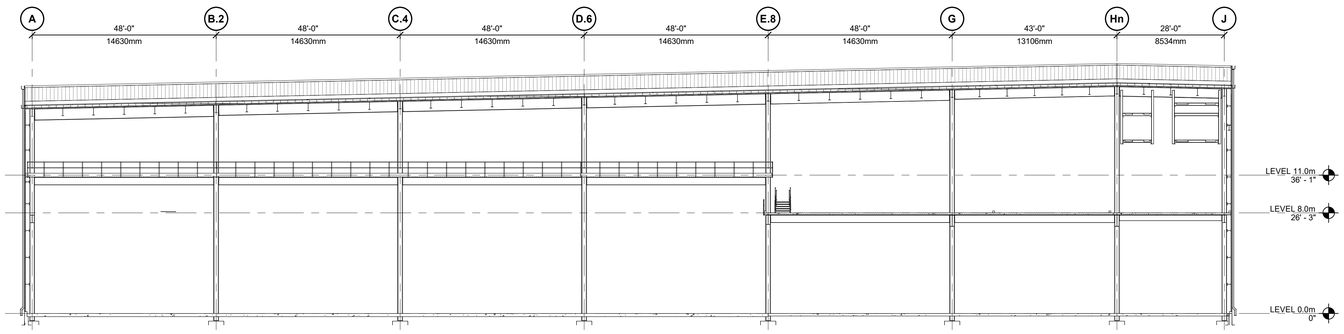
SHEET TITLE
BUILDING ELEVATIONS

SHEET NUMBER 6000019-001
A-2009

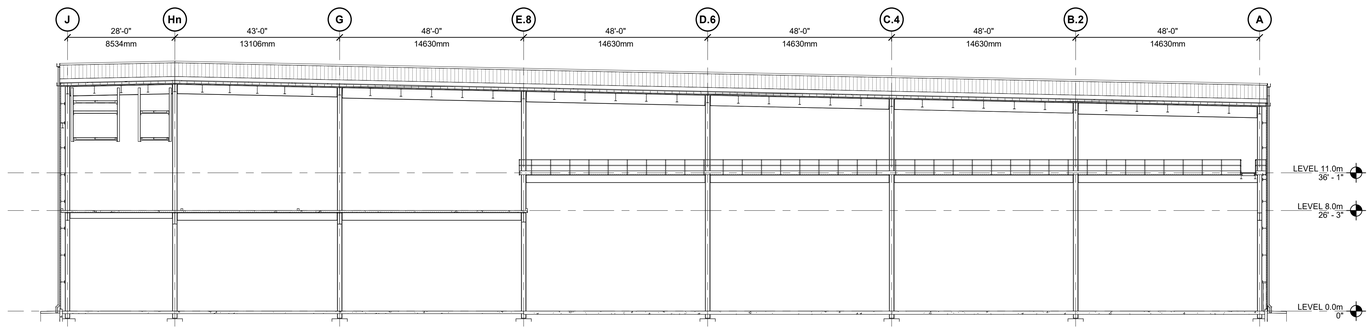
FILE PLOT DATE STAMP 2/19/2024 1:40:11 PM



2 / A-2000 EAST ELEVATION @ 72 LINE
SCALE: 1/16" = 1'-0"



1 / A-2000 EAST ELEVATION @ 64 LINE
SCALE: 1/16" = 1'-0"



3 / A-2000 WEST ELEVATION @ 66 LINE
SCALE: 1/16" = 1'-0"

FORD LAND
17000 ROTUNDA DR, 1ST FLOOR SOUTH
DEARBORN, MICHIGAN 48120-1168
USA

BLUE OVAL
BATTERY PARK
MICHIGAN

BATTERY PLANT

MARSHALL CALHOUN MI

FORD LAND DOCUMENT PROJECT NUMBER: 6000019-001

Walbridge

A/E OF RECORD LOGO

gala & ASSOCIATES, INC.

A/E OF RECORD REGISTRATION SEAL

STATE OF MICHIGAN
HUSSEIN M ELHAGE
ENGINEER
No. 620106731
LICENSED PROFESSIONAL ENGINEER

DATE	ISSUED FOR
02-21-2024	SITE PLAN REVIEW
02-15-2024	IFC - ENCLOSURE
10-06-2023	IFC - ENCLOSURE

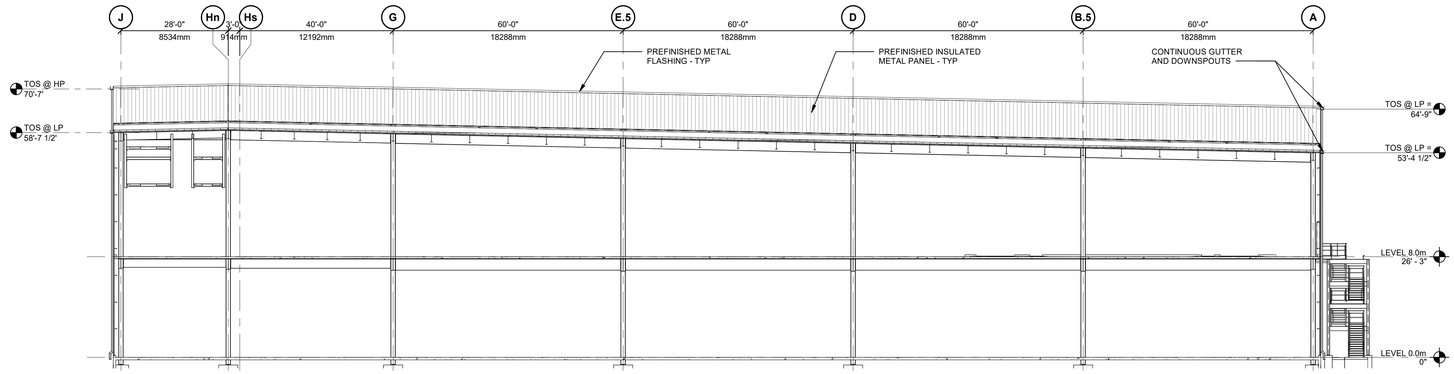
A/E TEAM INFORMATION

IN CHARGE:	W. GHALAWANJI
DRAWN BY:	C. ORLANDO
DESIGNED BY:	C. ORLANDO
CHECKED BY:	W. GHALAWANJI
APPROVED BY:	H. ELHAGE
A/E PROJECT NUMBER	9-23-5155

SHEET TITLE
BUILDING ELEVATIONS

SHEET NUMBER 6000019-001
A-2010

FILE PLOT DATE STAMP 2/19/2024 1:40:25 PM



1
A-2000

EAST ELEVATION @ 85

SCALE: 1/16" = 1'-0"

FORD LAND

17000 ROTUNDA DR, 1ST FLOOR SOUTH
DEARBORN, MICHIGAN 48120-1168
USA

BLUE OVAL
BATTERY PARK
MICHIGAN

BATTERY PLANT

MARSHALL CALHOUN MI

FORD LAND DOCUMENT PROJECT NUMBER: 6000019-001

Walbridge

A/E OF RECORD LOGO

gala & ASSOCIATES, INC.

A/E OF RECORD REGISTRATION SEAL

STATE OF MICHIGAN
HUSSEIN M ELHAGE
ENGINEER
No. 6201036731
LICENSED PROFESSIONAL ENGINEER

DATE	ISSUED FOR
02-21-2024	SITE PLAN REVIEW
02-15-2024	IFC - ENCLOSURE
10-06-2023	IFC - ENCLOSURE

A/E TEAM INFORMATION

IN CHARGE: W. GHALAWANJI
DRAWN BY: C. ORLANDO
DESIGNED BY: C. ORLANDO
CHECKED BY: W. GHALAWANJI
APPROVED BY: H. ELHAGE
A/E PROJECT NUMBER: 9-23-5155

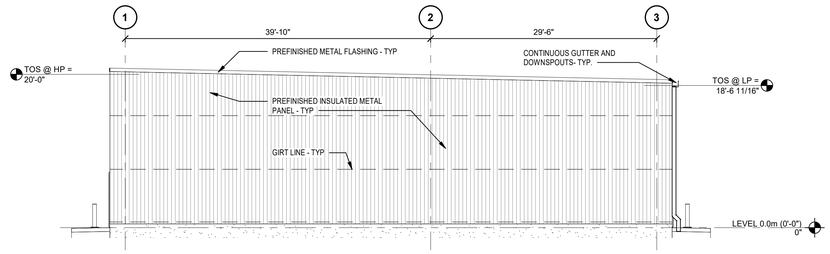
SHEET TITLE

BUILDING ELEVATIONS

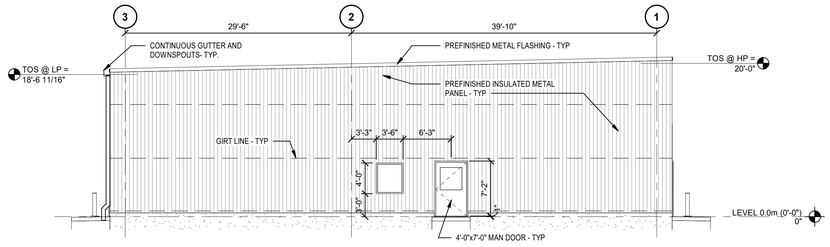
SHEET NUMBER 6000019-001

A-2011

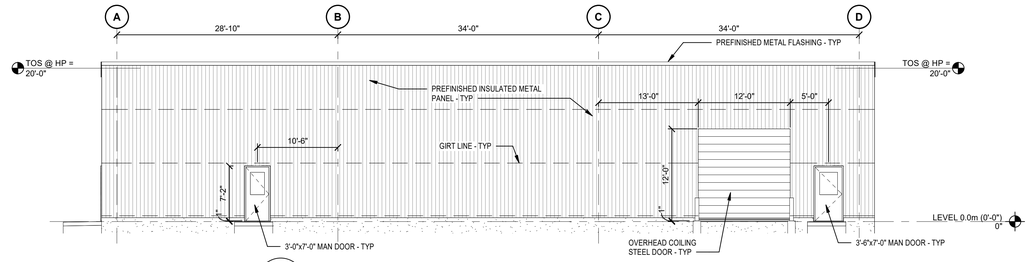
FILE PLOT DATE STAMP 2/19/2024 1:40:37 PM



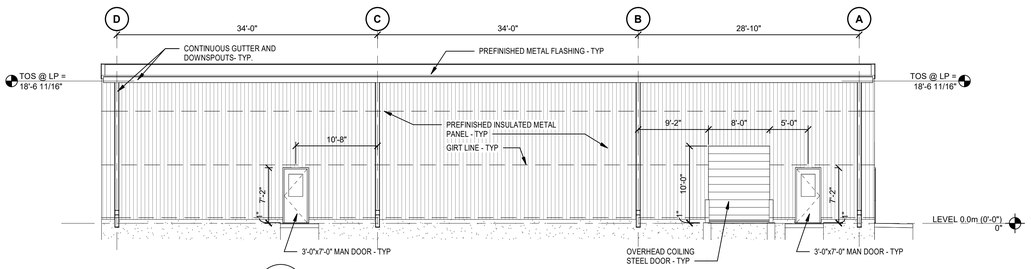
1 NORTH ELEVATION
SCALE: 1/8" = 1'-0"



2 SOUTH ELEVATION
SCALE: 1/8" = 1'-0"



3 EAST ELEVATION
SCALE: 1/8" = 1'-0"



4 WEST ELEVATION
SCALE: 1/8" = 1'-0"

FORD LAND
17000 ROTUNDA DR, 1ST FLOOR SOUTH
DEARBORN, MICHIGAN 48120-1168
USA

BLUE OVAL
BATTERY PARK
MICHIGAN

BATTERY DISASSEMBLE BUILDING

MARSHALL CALHOUN MI

FORD LAND DOCUMENT PROJECT NUMBER: 6000027-001

Walbridge

A/E OF RECORD LOGO

gala & ASSOCIATES, INC.

A/E OF RECORD REGISTRATION SEAL

STATE OF MICHIGAN
HUSSEIN M ELHAGE
ENGINEER
No. 6201036731
LICENSED PROFESSIONAL ENGINEER

DATE	ISSUED FOR
02-21-2024	SITE PLAN REVIEW

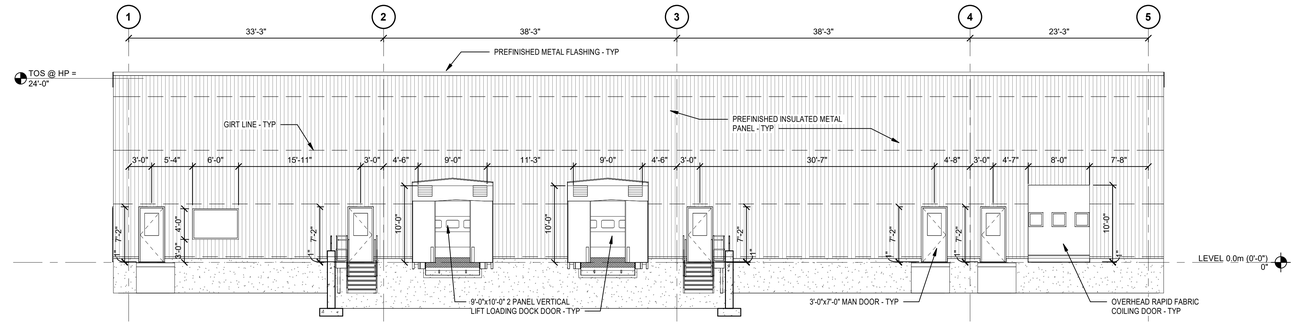
A/E TEAM INFORMATION

IN CHARGE:	W. GHALAWANJI
DRAWN BY:	C.ORLANDO
DESIGNED BY:	C,ORLANDO
CHECKED BY:	W. GHALAWANJI
APPROVED BY:	H. ELHAGE
A/E PROJECT NUMBER	9-23-5155

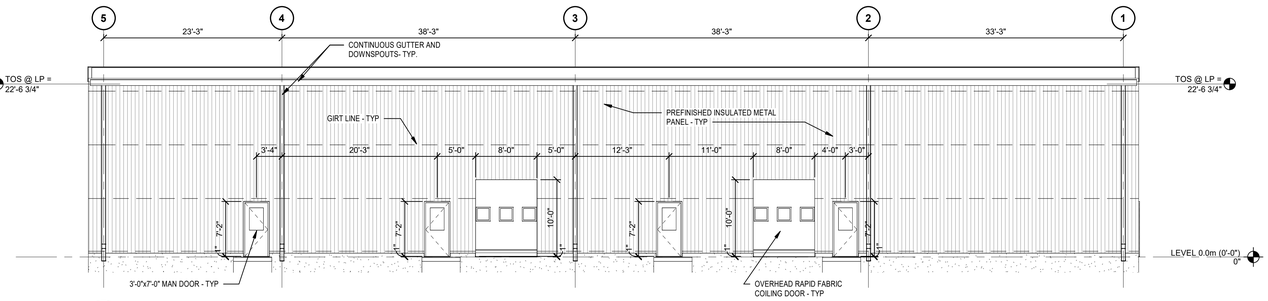
SHEET TITLE
BUILDING ELEVATIONS

SHEET NUMBER 6000027-001
A-200

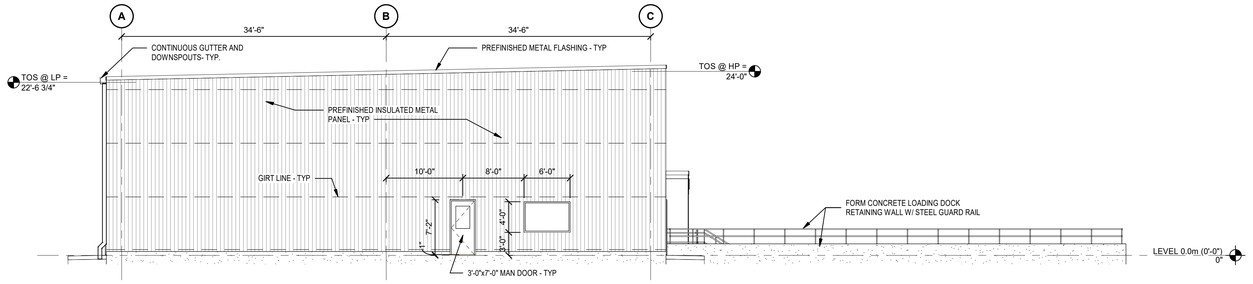
FILE PLOT DATE STAMP 2/21/2024 11:09:55 AM



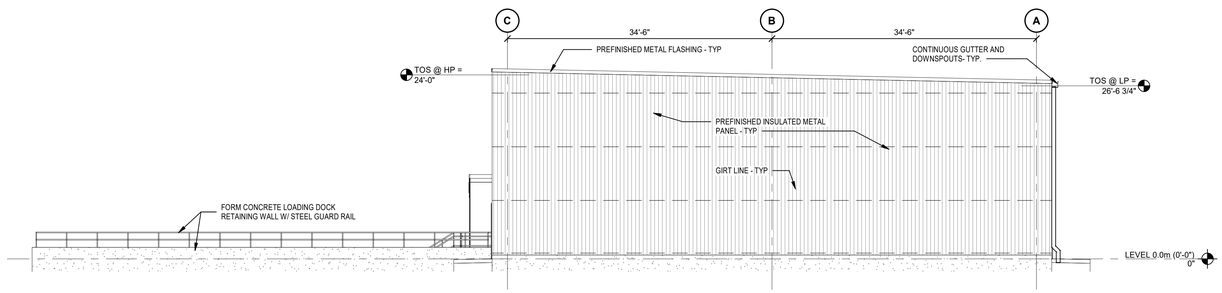
1 NORTH ELEVATION
SCALE: 1/8" = 1'-0"



2 SOUTH ELEVATION
SCALE: 1/8" = 1'-0"



3 EAST ELEVATION
SCALE: 1/8" = 1'-0"



4 WEST ELEVATION
SCALE: 1/8" = 1'-0"

FORD LAND
17000 ROTUNDA DR, 1ST FLOOR SOUTH
DEARBORN, MICHIGAN 48120-1168
USA

BLUE OVAL
BATTERY PARK
MICHIGAN

DISPOSAL
WAREHOUSE

MARSHALL CALHOUN MI

FORD LAND DOCUMENT PROJECT NUMBER: 6000028-001

Walbridge

A/E OF RECORD LOGO

gala & ASSOCIATES, INC.

A/E OF RECORD REGISTRATION SEAL

STATE OF MICHIGAN
HUSSEIN M ELHAGE
ENGINEER
No. 6201036731
LICENSED PROFESSIONAL ENGINEER

DATE	ISSUED FOR
02-21-2024	SITE PLAN REVIEW

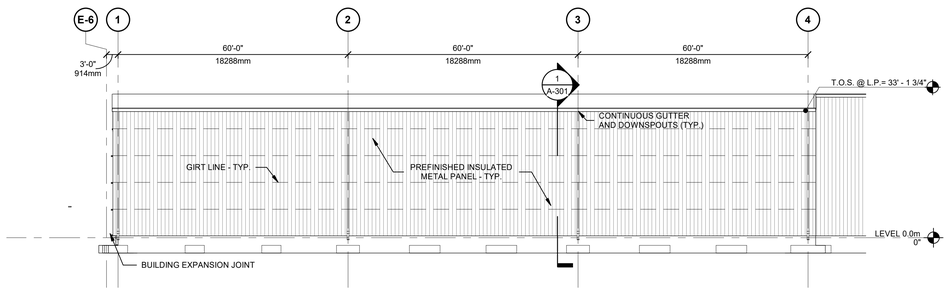
A/E TEAM INFORMATION

IN CHARGE:	W. GHALAWANJI
DRAWN BY:	C. ORLANDO
DESIGNED BY:	C. ORLANDO
CHECKED BY:	W. GHALAWANJI
APPROVED BY:	H. ELHAGE
A/E PROJECT NUMBER	9-23-5155

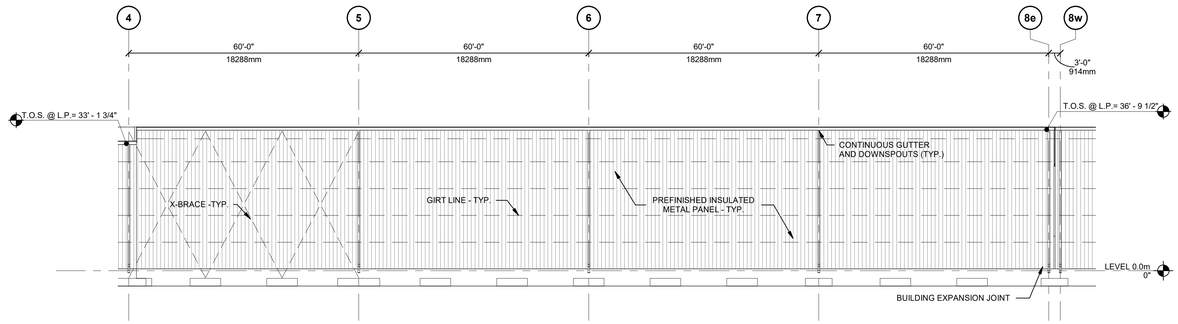
SHEET TITLE
BUILDING ELEVATIONS

SHEET NUMBER 6000028-001
A-200

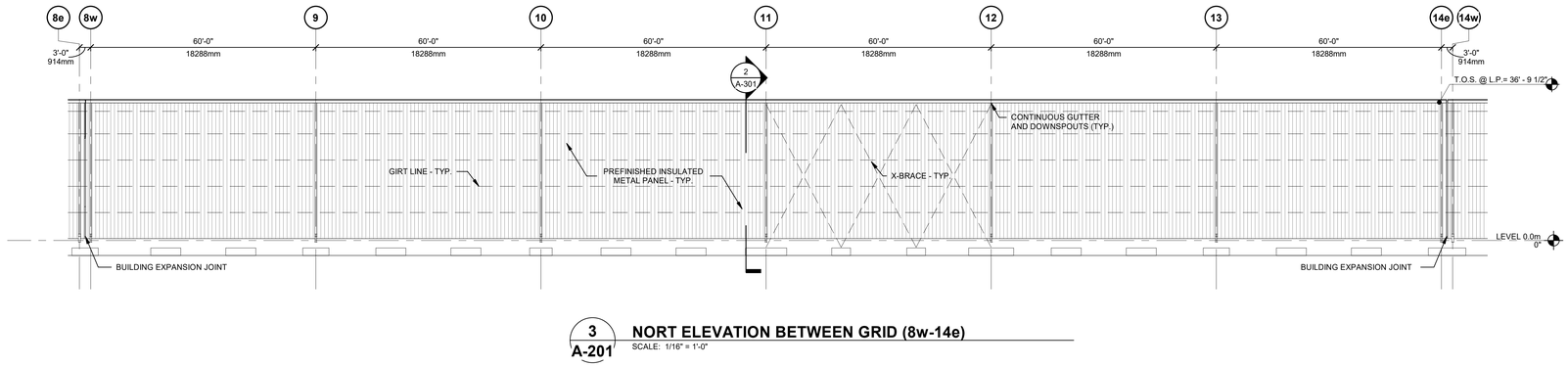
FILE PLOT DATE STAMP 2/23/2024 8:35:49 AM



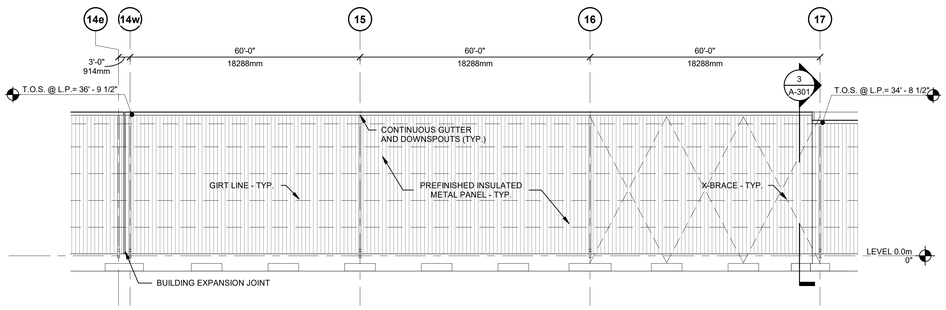
1 A-201 NORT ELEVATION BETWEEN GRID (1-4)
SCALE: 1/16" = 1'-0"



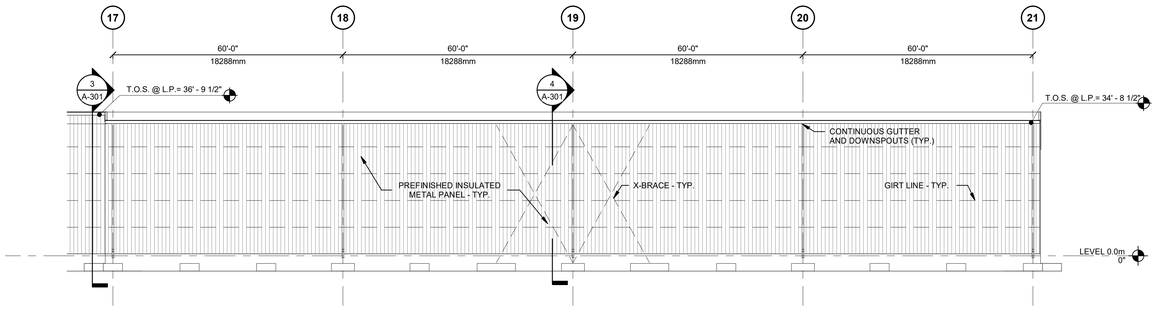
2 A-201 NORT ELEVATION BETWEEN GRID (4-8e)
SCALE: 1/16" = 1'-0"



3 A-201 NORT ELEVATION BETWEEN GRID (8w-14e)
SCALE: 1/16" = 1'-0"



4 A-201 NORT ELEVATION BETWEEN GRID (14w-17)
SCALE: 1/16" = 1'-0"



5 A-201 NORT ELEVATION BETWEEN GRID (17-21)
SCALE: 1/16" = 1'-0"

FORD LAND
17000 ROTUNDA DR, 1ST FLOOR SOUTH
DEARBORN, MICHIGAN 48120-1168
USA

BLUE OVAL
BATTERY PARK
MICHIGAN

PACK PLANT

MARSHALL CALHOUN MI

FORD LAND DOCUMENT PROJECT NUMBER: 6000603-001

Walbridge

A/E OF RECORD LOGO

gala & ASSOCIATES, INC.

A/E OF RECORD REGISTRATION SEAL

STATE OF MICHIGAN
HUSSEIN M ELHAGE
ENGINEER
No. 6201006731
LICENSED PROFESSIONAL ENGINEER

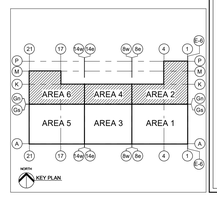
DATE	ISSUED FOR
02-21-2024	SITE PLAN REVIEW

A/E TEAM INFORMATION

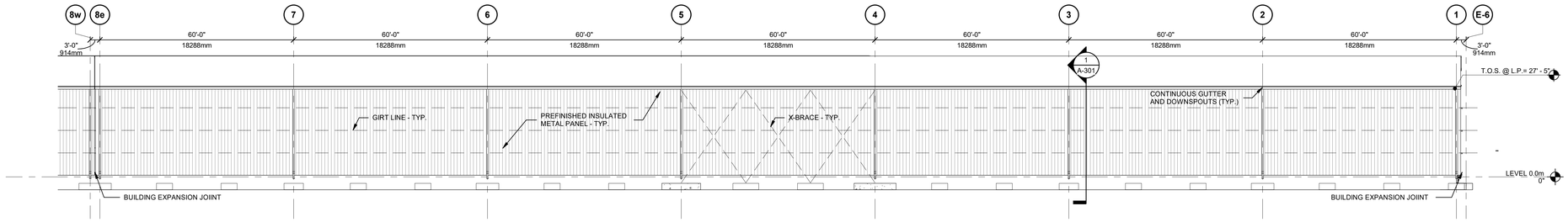
IN CHARGE:	W. GHALAWANJI
DRAWN BY:	Z. ALSHALATI
DESIGNED BY:	C. ORLANDO
CHECKED BY:	W. GHALAWANJI
APPROVED BY:	H. ELHAGE
A/E PROJECT NUMBER	9-23-5155

SHEET TITLE
NORTH ELEVATION

SHEET NUMBER 6000603-001
A-201

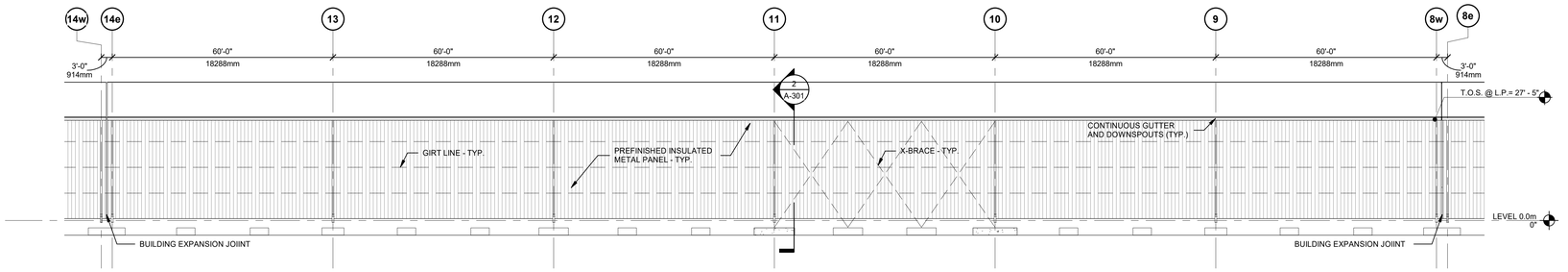


FILE PLOT DATE STAMP 2/19/2024 1:30:02 PM



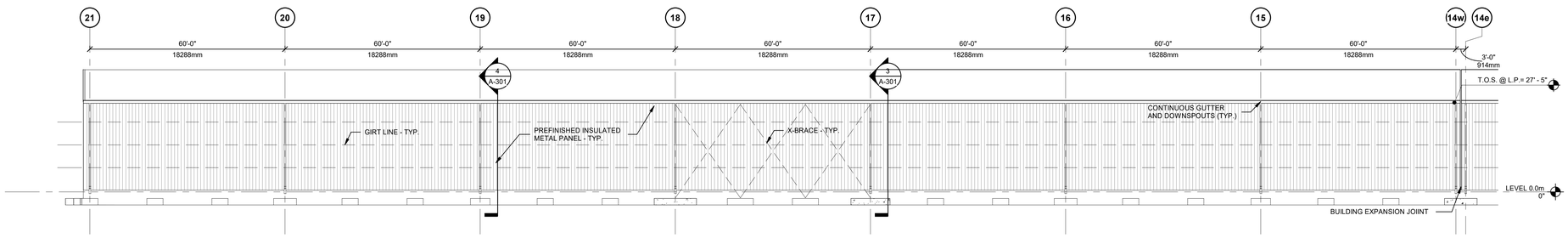
1 / A-202 SOUTH ELEVATION BETWEEN GRID (1-8w)

SCALE: 1/16" = 1'-0"



2 / A-202 SOUTH ELEVATION BETWEEN GRID (8e-14w)

SCALE: 1/16" = 1'-0"



3 / A-202 SOUTH ELEVATION BETWEEN GRID (14e-21)

SCALE: 1/16" = 1'-0"

FORD LAND

17000 ROTUNDA DR, 1ST FLOOR SOUTH
DEARBORN, MICHIGAN 48120-1168
USA

BLUE OVAL
BATTERY PARK
MICHIGAN

PACK PLANT

MARSHALL CALHOUN MI

FORD LAND DOCUMENT PROJECT NUMBER: 6000603-001

Walbridge

A/E OF RECORD LOGO

gala & ASSOCIATES, INC.

A/E OF RECORD REGISTRATION SEAL

STATE OF MICHIGAN
HUSSEIN M ELHAGE
ENGINEER
No. 6201036731
LICENSED PROFESSIONAL ENGINEER

DATE	ISSUED FOR
02-21-2024	SITE PLAN REVIEW

A/E TEAM INFORMATION

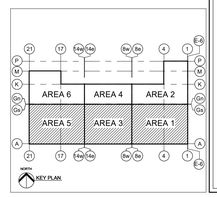
IN CHARGE:	W. GHALAWANJI
DRAWN BY:	Z. ALSHALATI
DESIGNED BY:	C. ORLANDO
CHECKED BY:	W. GHALAWANJI
APPROVED BY:	H. ELHAGE
A/E PROJECT NUMBER:	9-23-5155

SHEET TITLE

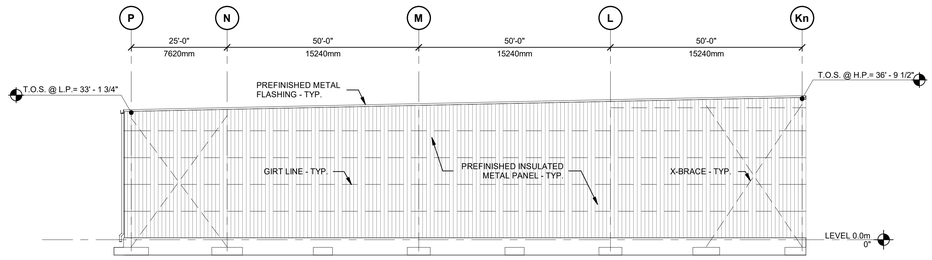
SOUTH ELEVATION

SHEET NUMBER 6000603-001

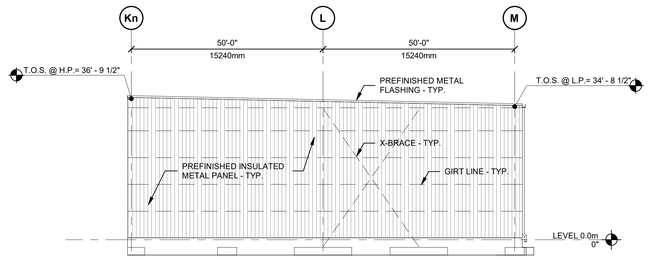
A-202



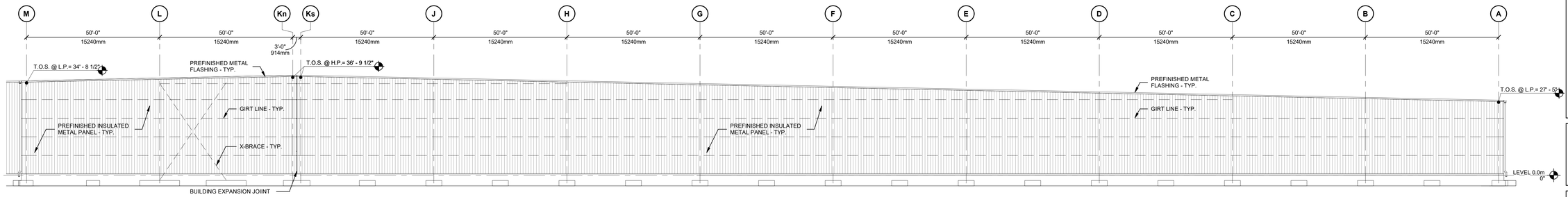
FILE PLOT DATE STAMP 2/19/2024 1:30:08 PM



1 A-203 **EAST ELEVATION ALONG GRID LINE "4"**
SCALE: 1/16" = 1'-0"



2 A-203 **WEST ELEVATION ALONG GRID LINE "17"**
SCALE: 1/16" = 1'-0"



3 A-203 **WEST ELEVATION ALONG GRID LINE "21"**
SCALE: 1/16" = 1'-0"

FORD LAND
17000 ROTUNDA DR, 1ST FLOOR SOUTH
DEARBORN, MICHIGAN 48120-1168
USA

BLUE OVAL
BATTERY PARK
MICHIGAN

PACK PLANT

MARSHALL CALHOUN MI

FORD LAND DOCUMENT PROJECT NUMBER: 6000603-001

Walbridge

A/E OF RECORD LOGO

gala & ASSOCIATES, INC.

A/E OF RECORD REGISTRATION SEAL

STATE OF MICHIGAN
HUSSEIN M ELHAGE
ENGINEER
No. 6201036731
LICENSED PROFESSIONAL ENGINEER

DATE	ISSUED FOR
02-21-2024	SITE PLAN REVIEW

A/E TEAM INFORMATION

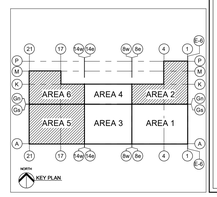
IN CHARGE:	W. GHALAWANJI
DRAWN BY:	Z. ALSHALATI
DESIGNED BY:	C. ORLANDO
CHECKED BY:	W. GHALAWANJI
APPROVED BY:	H. ELHAGE
A/E PROJECT NUMBER	9-23-5155

SHEET TITLE

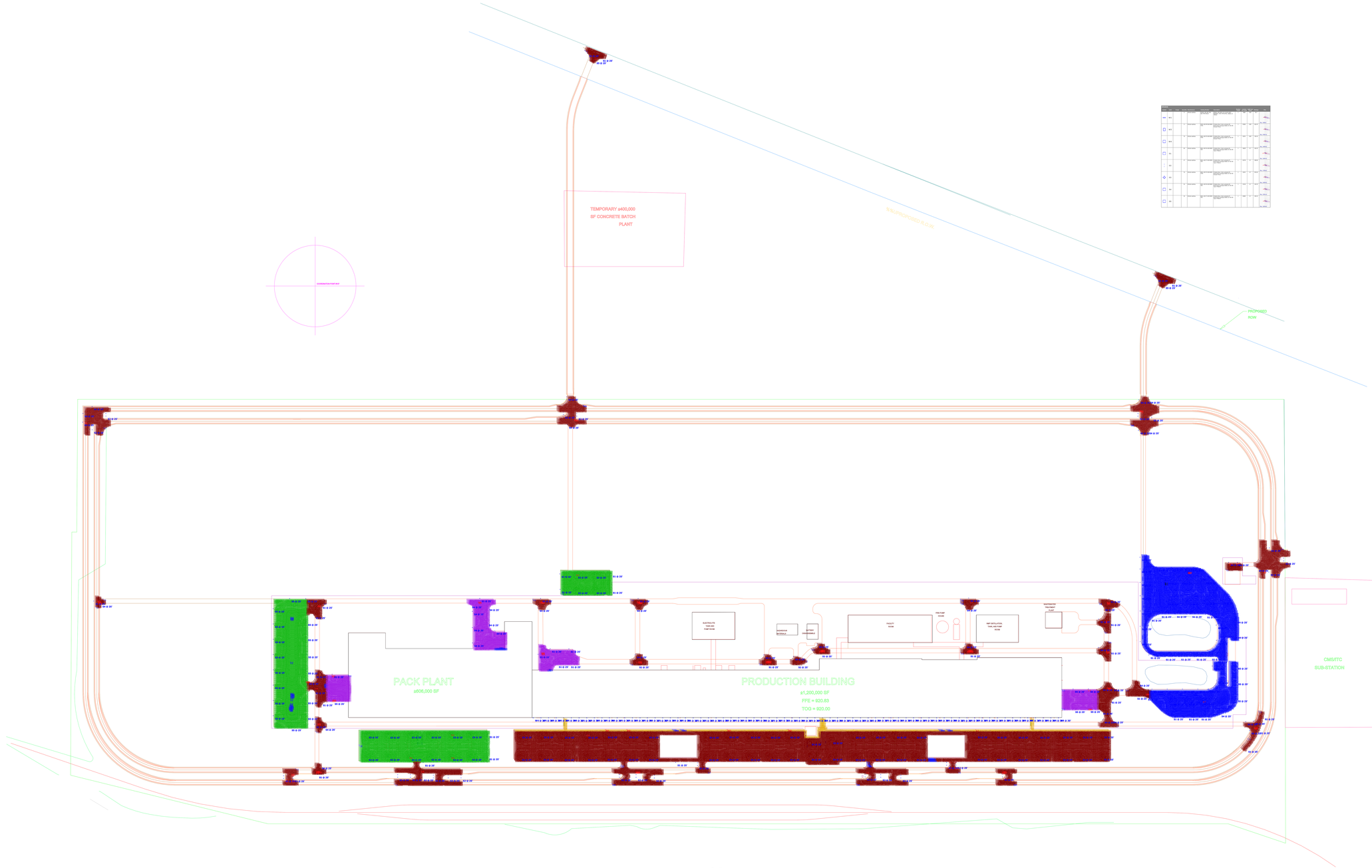
EAST & WEST ELEVATION

SHEET NUMBER 6000603-001

A-203



FILE PLOT DATE STAMP 2/19/2024 1:30:12 PM



Statistics					
Description	Symbol	Avg	Max	Min	Max/Min Avg/Min
CP North Road Intersection #1	+	2.0 %	2.8 %	0.9 %	3.1:1 2.2:1
CP North Road Intersection #2	+	2.0 %	2.8 %	1.0 %	2.8:1 2.0:1
CP North Road Intersection #3	+	2.0 %	2.8 %	1.0 %	2.8:1 2.0:1
CP North Road Intersection #3	+	2.1 %	2.8 %	0.9 %	3.1:1 2.3:1
CP North Road Intersection #4	+	2.1 %	2.8 %	0.8 %	3.5:1 2.6:1
CP North Road Intersection #5	+	2.1 %	2.8 %	0.8 %	3.5:1 2.6:1
CP North Road Intersection #6	+	2.1 %	2.8 %	0.8 %	3.5:1 2.6:1
CP North Road Intersection #7	+	2.0 %	2.9 %	1.0 %	2.9:1 2.0:1
CP North Unloading Area	+	1.5 %	2.8 %	0.1 %	28.0:1 15.0:1
East Intersection #1	+	1.8 %	3.3 %	0.4 %	8.3:1 4.5:1
East Intersection #2	+	3.0 %	4.9 %	1.2 %	4.1:1 2.5:1
East Intersection #3	+	2.5 %	4.9 %	0.8 %	6.1:1 3.1:1
East Small Parking	+	2.1 %	3.7 %	1.2 %	3.1:1 1.8:1
East Truck Parking	+	1.9 %	4.1 %	0.1 %	41.0:1 19.0:1
Front Process Area Unloading Intersection #1	+	2.7 %	3.6 %	1.1 %	3.3:1 2.5:1
Front Process Area Unloading Intersection #2	+	2.1 %	3.5 %	0.9 %	3.9:1 2.3:1
Front Process Area Unloading Intersection #3	+	2.2 %	3.9 %	0.7 %	5.6:1 3.1:1
Front Process Unloading Area	+	1.4 %	2.5 %	0.5 %	4.7:1 2.6:1
North East Entry	+	2.6 %	4.1 %	1.1 %	3.7:1 2.4:1
North Entry	+	2.6 %	4.1 %	1.1 %	3.7:1 2.4:1
North Intersection	+	2.0 %	3.5 %	0.6 %	5.5:1 3.2:1
North West Entry	+	2.5 %	3.9 %	0.8 %	4.9:1 3.0:1
North East Intersection	+	2.5 %	3.9 %	0.6 %	5.7:1 4.0:1
North West Intersection	+	2.1 %	3.9 %	0.5 %	12.0:1 7.0:1
Pack Building West Loading Bay	+	0.9 %	2.3 %	0.0 %	N/A N/A
Pack Plant North Unloading Area	+	1.5 %	3.5 %	0.0 %	N/A N/A
Pack Plant Yard	+	2.0 %	4.9 %	0.0 %	N/A N/A
Parking Sidewalk	+	2.9 %	4.3 %	1.9 %	2.3:1 2.2:1
South Intersection #1	+	1.6 %	2.7 %	0.4 %	6.8:1 4.0:1
South Intersection #2	+	1.8 %	3.0 %	0.6 %	5.0:1 3.0:1
South Intersection #3	+	1.8 %	2.9 %	0.8 %	3.6:1 2.3:1
South Parking #1 Entry	+	2.5 %	3.9 %	1.1 %	3.5:1 2.3:1
South Parking #1 Entry #2	+	2.5 %	3.9 %	1.7 %	2.3:1 1.5:1
South Parking #1 Entry #2	+	2.1 %	3.8 %	0.7 %	5.4:1 3.1:1
South Parking #1 Entry #3	+	2.1 %	3.9 %	1.9 %	2.0:1 1.1:1
South Parking #1 Entry #4	+	2.7 %	3.5 %	1.9 %	2.1:1 1.7:1
South Parking Lot	+	2.4 %	4.5 %	1.2 %	3.8:1 2.0:1
South Parking Lot Entrance	+	2.4 %	4.5 %	1.2 %	3.8:1 2.0:1
South West Intersection	+	2.0 %	3.9 %	1.2 %	3.4:1 1.8:1
West End Intersection #3	+	2.5 %	3.3 %	1.6 %	2.0:1 1.6:1
West Parking	+	1.1 %	2.6 %	0.2 %	13.0:1 5.5:1
West Parking Middle Entry Intersection	+	1.8 %	2.8 %	0.7 %	4.0:1 2.6:1
West Parking North Entry Intersection	+	2.2 %	3.5 %	1.1 %	3.2:1 2.0:1
West Parking South Entry Intersection #1	+	2.5 %	3.9 %	1.1 %	3.5:1 2.3:1
WTP Intersection #1	+	2.1 %	3.2 %	0.8 %	4.0:1 2.6:1
WTP Intersection #2	+	1.9 %	3.1 %	0.7 %	4.4:1 2.7:1
WTP Intersection #3	+	1.8 %	2.7 %	0.8 %	3.4:1 2.3:1

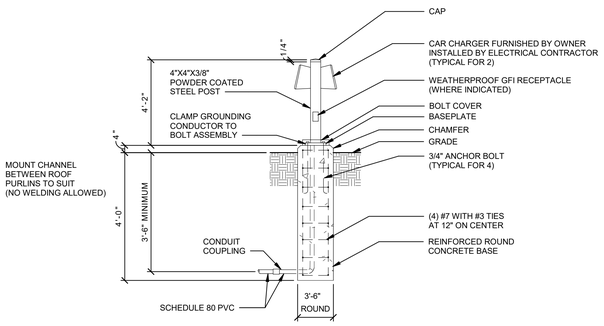
Luminaire Schedule											
Symbol	Qty	Label	Arrangement	Luminaire Type	Description	LLF	Lum. Watts	Total Watts	Lum. Lumens	Total Lumens	Mounting Height
	84	A	SINGLE	ARE-EDG-400L-SA-T4-40K-GM-HSS-DDBXD	Area Edge Series, 400 LED Light Engine, Type 4 Medium Distribution, 4000K CCT, Gloss White Finish, Houseside Shield, Dark Bronze Finish	0.9	400	33600	56,000	4704000	30 FT
	24	B	SINGLE	ARE-EDG-400L-SA-T4-40K-GM-BLK-DDBXD	Area Edge Series, 400 LED Light Engine, Type 4 Medium Distribution, 4000K CCT, Gloss White Finish, Houseside Shield, Dark Bronze Finish	0.9	400	9600	56,000	1344000	30 FT
	44	C	SINGLE	ARE-EDG-400L-SA-T4-40K-GM-HSS-DDBXD	Area Edge Series, 400 LED Light Engine, Type 4 Medium Distribution, 4000K CCT, Gloss White Finish, Houseside Shield, Dark Bronze Finish	0.9	400	17600	56,000	2464000	30 FT
	12	D	SINGLE	ARE-EDG-400L-SA-T4-40K-GM-BLK-DDBXD	Area Edge Series, 400 LED Light Engine, Type 4 Medium Distribution, 4000K CCT, Gloss White Finish, Houseside Shield, Dark Bronze Finish	0.9	400	4800	56,000	672000	30 FT
	7	E	SINGLE	ARE-EDG-400L-SA-T4-40K-GM-HSS-DDBXD	Area Edge Series, 400 LED Light Engine, Type 4 Medium Distribution, 4000K CCT, Gloss White Finish, Houseside Shield, Dark Bronze Finish	0.9	400	2800	56,000	392000	30 FT
	2	F	SINGLE	ARE-EDG-400L-SA-T4-40K-GM-BLK-DDBXD	Area Edge Series, 400 LED Light Engine, Type 4 Medium Distribution, 4000K CCT, Gloss White Finish, Houseside Shield, Dark Bronze Finish	0.9	400	800	56,000	112000	30 FT
	2	G	SINGLE	ARE-EDG-400L-SA-T4-40K-GM-HSS-DDBXD	Area Edge Series, 400 LED Light Engine, Type 4 Medium Distribution, 4000K CCT, Gloss White Finish, Houseside Shield, Dark Bronze Finish	0.9	400	800	56,000	112000	30 FT
	1	H	SINGLE	ARE-EDG-400L-SA-T4-40K-GM-BLK-DDBXD	Area Edge Series, 400 LED Light Engine, Type 4 Medium Distribution, 4000K CCT, Gloss White Finish, Houseside Shield, Dark Bronze Finish	0.9	400	400	56,000	56000	30 FT

Plan View
Scale - 1" = 150ft

STATE OF MICHIGAN
JOSEPH M. HULDERMAN
6201060641
PROFESSIONAL ENGINEER

Designer
Ben Somers
Date
02/29/2024
Scale
Not to Scale
Drawing No.:

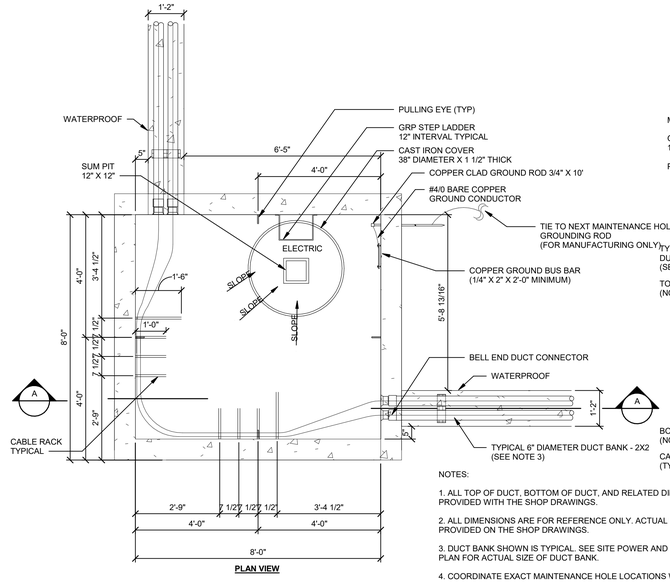
Summary



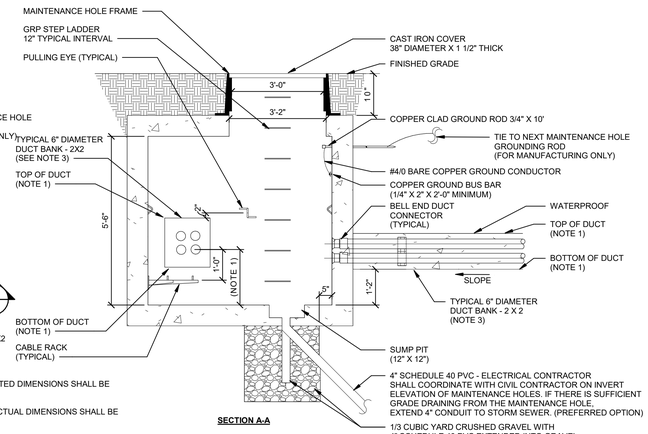
NOTES:

1. COORDINATE EXACT REQUIREMENTS WITH MANUFACTURER
2. BOND CONCRETE REINFORCEMENTS SO THAT SYSTEM IS ELECTRICALLY CONTINUOUS

3 LEVEL II EV CHARGING STATION STANCHION - DOUBLE
NOT TO SCALE



PLAN VIEW

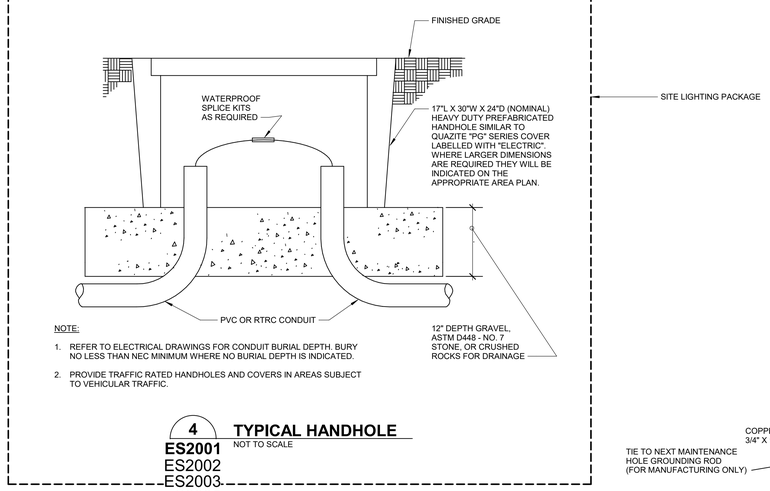


SECTION A-A

NOTES:

1. ALL TOP OF DUCT, BOTTOM OF DUCT, AND RELATED DIMENSIONS SHALL BE PROVIDED WITH THE SHOP DRAWINGS.
2. ALL DIMENSIONS ARE FOR REFERENCE ONLY. ACTUAL DIMENSIONS SHALL BE PROVIDED ON THE SHOP DRAWINGS.
3. DUCT BANK SHOWN IS TYPICAL. SEE SITE POWER AND ENLARGED SITE POWER PLAN FOR ACTUAL SIZE OF DUCT BANK.
4. COORDINATE EXACT MAINTENANCE HOLE LOCATIONS WITH CIVIL DRAWINGS.
5. FOR POWER MAINTENANCE HOLES, PROVIDE ALL SPLICING COMPONENTS AND FIRE TAPPING AS REQUIRED. CAST IRON COVER SHALL BE LABELED "ELECTRIC-HV".
6. COORDINATE THE DEPTH OF THE DUCT BANK OPENING WITH THE CIVIL DRAWINGS.
7. FOR COMMUNICATION MAINTENANCE HOLES, PROVIDE INNERDUCT SLACK/TRANSITION AS DIRECTED BY THE TECHNOLOGY CONSULTANT. CAST IRON COVER SHALL BE LABELED "COMMUNICATIONS".
8. MAINTENANCE HOLES SHALL BE TWO PIECE WITH TOP PIECE INSTALLED AFTER CABLES HAVE BEEN PULLED.

1 MAINTENANCE HOLE DETAIL - 90 DEGREE ROUTING
NOT TO SCALE

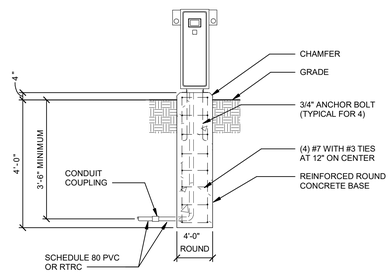


NOTE:

1. REFER TO ELECTRICAL DRAWINGS FOR CONDUIT BURIAL DEPTH. BURY NO LESS THAN NEC MINIMUM WHERE NO BURIAL DEPTH IS INDICATED.
2. PROVIDE TRAFFIC RATED HANDHOLES AND COVERS IN AREAS SUBJECT TO VEHICULAR TRAFFIC.

4 TYPICAL HANDHOLE
NOT TO SCALE

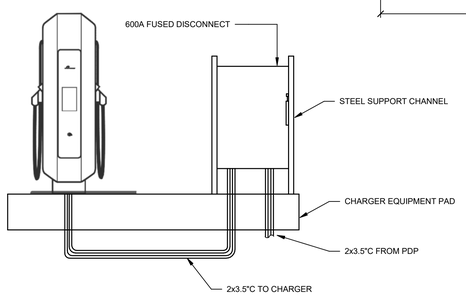
ES2001
ES2002
ES2003
ES2005
ES2006
ES2009
ES2010
ES2011
ES2012
ES2013
ES2014
ES2017
ES2018



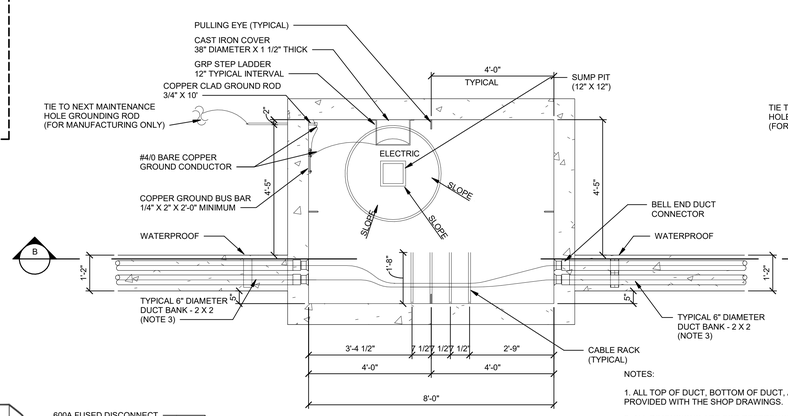
NOTES:

1. COORDINATE EXACT REQUIREMENTS WITH MANUFACTURER
2. BOND CONCRETE REINFORCEMENTS SO THAT SYSTEM IS ELECTRICALLY CONTINUOUS

5 LEVEL III/IV EV CHARGING STATION STANCHION
NOT TO SCALE



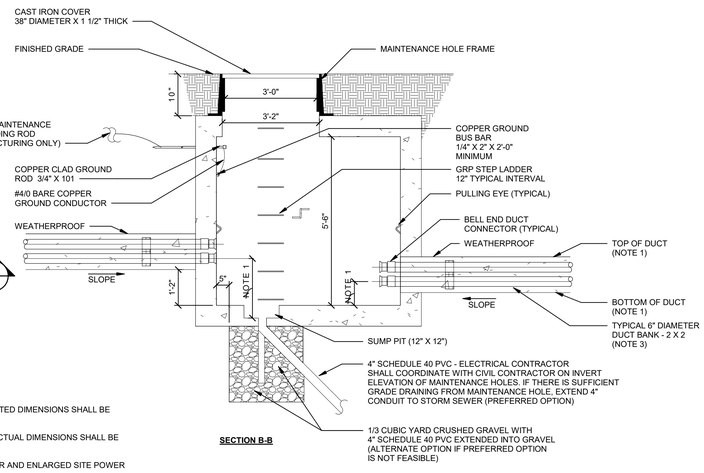
6 LEVEL IV EV CHARGER WITH DISCONNECT
NOT TO SCALE



PLAN VIEW

NOTES:

1. ALL TOP OF DUCT, BOTTOM OF DUCT, AND RELATED DIMENSIONS SHALL BE PROVIDED WITH THE SHOP DRAWINGS.
2. ALL DIMENSIONS ARE FOR REFERENCE ONLY. ACTUAL DIMENSIONS SHALL BE PROVIDED ON THE SHOP DRAWINGS.
3. DUCT BANK SHOWN IS TYPICAL. SEE SITE POWER AND ENLARGED SITE POWER PLAN FOR ACTUAL SIZE OF DUCT BANK.
4. COORDINATE EXACT MAINTENANCE HOLE LOCATIONS WITH CIVIL DRAWINGS.
5. FOR POWER MAINTENANCE HOLES, PROVIDE ALL SPLICING COMPONENTS AND FIRE TAPPING AS REQUIRED. CAST IRON COVER SHALL BE LABELED "ELECTRIC-HV".
6. COORDINATE THE DEPTH OF THE DUCT BANK OPENING WITH THE CIVIL DRAWINGS.
7. FOR COMMUNICATION MAINTENANCE HOLES, PROVIDE INNERDUCT SLACK/TRANSITION AS DIRECTED BY THE TECHNOLOGY CONSULTANT. CAST IRON COVER SHALL BE LABELED "COMMUNICATIONS".
8. MAINTENANCE HOLES SHALL BE TWO PIECE WITH TOP PIECE INSTALLED AFTER CABLES HAVE BEEN PULLED.



SECTION B-B

2 MAINTENANCE HOLE DETAIL - STRAIGHT ROUTING
NOT TO SCALE

FORD LAND
17000 ROTUNDA DR, 1ST FLOOR SOUTH
DEARBORN, MICHIGAN 48120-1168
USA

BLUE OVAL
BATTERY PARK
MICHIGAN

SITE

MARSHALL CALHOUN MI

FORD LAND DOCUMENT PROJECT NUMBER: 1000112-001

Walbridge

A/E OF RECORD LOGO

SSOE

A/E O

STATE OF MICHIGAN
JOSEPH M HULDERMAN
License No. 6201069641
02-20-24
LICENSED PROFESSIONAL ENGINEER

THIS DRAWING HAS BEEN PREPARED BY OR ON BEHALF OF FORD MOTOR COMPANY. FORD MOTOR COMPANY RETAINS ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING COPYRIGHTS. THIS DRAWING SHALL NOT BE USED FOR ANY PURPOSE OTHER THAN PERFORMING SERVICES DIRECTLY OR INDIRECTLY TO FORD MOTOR COMPANY, WITHOUT THE EXPRESSED WRITTEN PERMISSION OF FORD MOTOR COMPANY. UNAUTHORIZED USE, COPYING OR MODIFICATION, INCLUDING THE REMOVAL OF THIS NOTE, MAY CONSTITUTE A VIOLATION OF CIVIL OR CRIMINAL LAWS ENFORCEABLE BY FORD OR GOVERNMENTAL AGENCIES.

COPYRIGHT © FORD MOTOR COMPANY (2009)

DATE	ISSUED FOR
02-29-2024	SITE PLAN REVIEW
02-21-2024	SITE PLAN REVIEW
10-03-2023	IFC
08-28-2023	90% REVIEW

A/E TEAM INFORMATION

IN CHARGE:	J. HEIDT
DRAWN BY:	E. REED
DESIGNED BY:	P. MISCIASCI
CHECKED BY:	J. HULDERMAN
APPROVED BY:	J. HEIDT
A/E PROJECT NUMBER:	022-01220-00

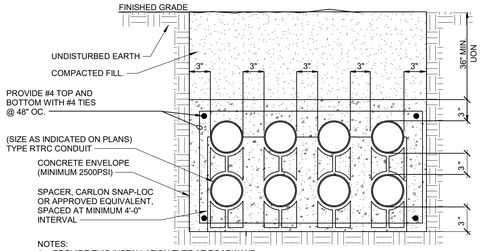
SHEET TITLE

ELECTRICAL SITE DETAILS

SHEET NUMBER 1000112-001

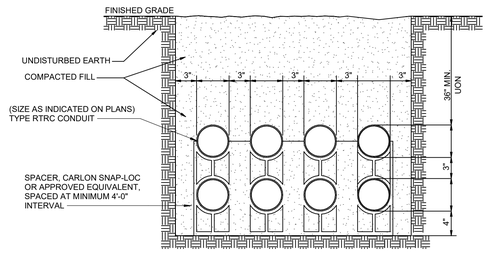
ES5001

FILE PLOT DATE STAMP 2/29/2024 3:08:20 PM



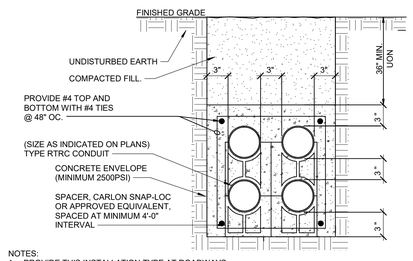
NOTES:
1. PROVIDE THIS INSTALLATION TYPE AT ROADWAYS
2. ENCASEMENT TO EXTEND 10'-0" BEYOND EDGE OF ROADWAY PAVEMENT.
3. ELECTRICAL DUCT BANK RUNS TO BE MARKED WITH BELOW GRADE MARKER BALLS LOCATED ALONG UTILITY RUNS PER CIVIL SPECIFICATION.

5 2x4 CONCRETE ENCASED DUCT BANK
NOT TO SCALE



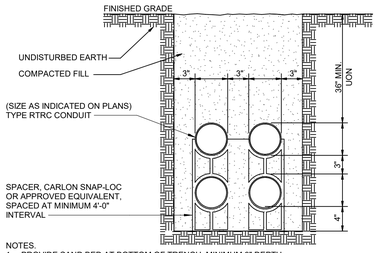
NOTES.
1. PROVIDE SAND BED AT BOTTOM OF TRENCH, MINIMUM 3" DEPTH.
2. ELECTRICAL DUCT BANK RUNS TO BE MARKED WITH BELOW GRADE MARKER BALLS LOCATED ALONG UTILITY RUNS PER CIVIL SPECIFICATION.

6 2x4 DIRECT BURY DUCT BANK
NOT TO SCALE



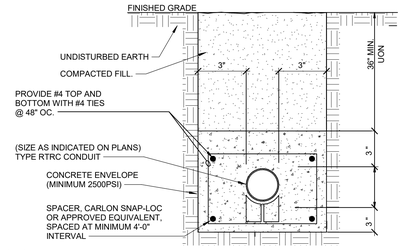
NOTES:
1. PROVIDE THIS INSTALLATION TYPE AT ROADWAYS
2. ENCASEMENT TO EXTEND 10'-0" BEYOND EDGE OF ROADWAY PAVEMENT.
3. ELECTRICAL DUCT BANK RUNS TO BE MARKED WITH BELOW GRADE MARKER BALLS LOCATED ALONG UTILITY RUNS PER CIVIL SPECIFICATION.

3 2x2 CONCRETE ENCASED DUCT BANK
NOT TO SCALE



NOTES.
1. PROVIDE SAND BED AT BOTTOM OF TRENCH, MINIMUM 3" DEPTH.
2. ELECTRICAL DUCT BANK RUNS TO BE MARKED WITH BELOW GRADE MARKER BALLS LOCATED ALONG UTILITY RUNS PER CIVIL SPECIFICATION.

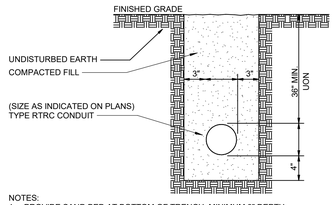
4 2x2 DIRECT BURY DUCT BANK
NOT TO SCALE



NOTES:
1. PROVIDE THIS INSTALLATION TYPE AT ROADWAYS
2. ENCASEMENT TO EXTEND 10'-0" BEYOND EDGE OF ROADWAY PAVEMENT.
3. ELECTRICAL DUCT BANK RUNS TO BE MARKED WITH BELOW GRADE MARKER BALLS LOCATED ALONG UTILITY RUNS PER CIVIL SPECIFICATION.

1 1x1 CONCRETE ENCASED DUCT BANK
NOT TO SCALE

ES2001
ES2002
ES2003
ES2005
ES2006
ES2009
ES2010
ES2012
ES2013
ES2014
ES2017
ES2018



NOTES:
1. PROVIDE SAND BED AT BOTTOM OF TRENCH, MINIMUM 3" DEPTH.
2. ELECTRICAL DUCT BANK RUNS TO BE MARKED WITH BELOW GRADE MARKER BALLS LOCATED ALONG UTILITY RUNS PER CIVIL SPECIFICATION.

2 1x1 DIRECT BURY DUCT BANK
NOT TO SCALE

ES2001
ES2002
ES2003
ES2005
ES2006
ES2009
ES2010
ES2011
ES2012
ES2013
ES2014
ES2017
ES2018

FORD LAND
17000 ROTUNDA DR, 1ST FLOOR SOUTH
DEARBORN, MICHIGAN 48120-1168
USA

BLUE OVAL
BATTERY PARK
MICHIGAN

SITE

MARSHALL CALHOUN MI

FORD LAND DOCUMENT PROJECT NUMBER: 1000112-001

Walbridge

A/E OF RECORD LOGO

ssoe®

A/E (

STATE OF MICHIGAN
JOSEPH M HULDERMAN
License No. 6201069641
02-20-24
LICENSED PROFESSIONAL ENGINEER

THIS DRAWING HAS BEEN PREPARED BY OR ON BEHALF OF FORD MOTOR COMPANY. FORD MOTOR COMPANY RETAINS ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING COPYRIGHTS. THIS DRAWING SHALL NOT BE USED FOR ANY PURPOSE OTHER THAN PERFORMING SERVICES DIRECTLY OR INDIRECTLY TO FORD MOTOR COMPANY, WITHOUT THE EXPRESSED WRITTEN PERMISSION OF FORD MOTOR COMPANY. UNAUTHORIZED USE, COPYING OR MODIFICATION, INCLUDING THE REMOVAL OF THIS NOTE, MAY CONSTITUTE A VIOLATION OF CIVIL OR CRIMINAL LAWS ENFORCEABLE BY FORD OR GOVERNMENTAL AGENCIES.

COPYRIGHT © FORD MOTOR COMPANY (2009)

DATE	ISSUED FOR
02-29-2024	SITE PLAN REVIEW
02-21-2024	SITE PLAN REVIEW
10-03-2023	IFC
08-28-2023	90% REVIEW

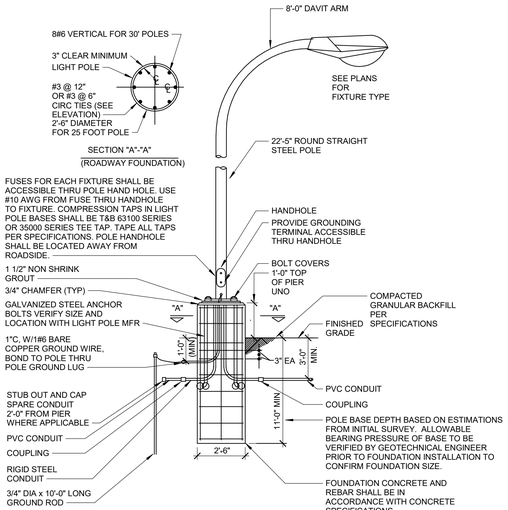
A/E TEAM INFORMATION

IN CHARGE:	J. HEIDT
DRAWN BY:	E. REED
DESIGNED BY:	P. MISCIASCI
CHECKED BY:	J. HULDERMAN
APPROVED BY:	J. HEIDT
A/E PROJECT NUMBER	022-01220-00

SHEET TITLE
ELECTRICAL SITE DETAILS

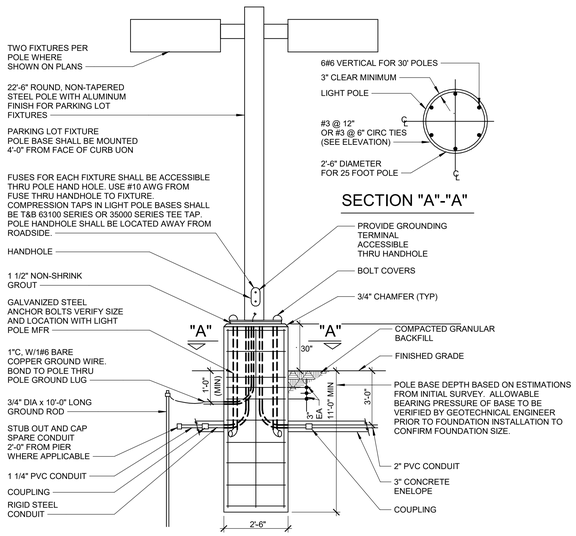
SHEET NUMBER 1000112-001
ES5002

FILE PLOT DATE STAMP 2/29/2024 3:08:20 PM



1 ROADWAY LIGHTING FIXTURE
NOT TO SCALE

ES2001
ES2005
ES2009
ES2013
ES2018



2 PARKING LOT LIGHTING FIXTURE
NOT TO SCALE

ES2001
ES2002
ES2005
ES2009
ES2010
ES2013

FORD LAND
17000 ROTUNDA DR, 1ST FLOOR SOUTH
DEARBORN, MICHIGAN 48120-1168
USA

BLUE OVAL
BATTERY PARK
MICHIGAN
SITE

MARSHALL CALHOUN MI

FORD LAND DOCUMENT PROJECT NUMBER: 1000112-001

Walbridge

A/E OF RECORD LOGO

ssoe®

A/E (

STATE OF MICHIGAN
JOSEPH M HULDERMAN
License No.
6201069641
02-20-24
LICENSED PROFESSIONAL ENGINEER

THIS DRAWING HAS BEEN PREPARED BY OR ON BEHALF OF FORD MOTOR COMPANY. FORD MOTOR COMPANY RETAINS ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING COPYRIGHTS. THIS DRAWING SHALL NOT BE USED FOR ANY PURPOSE OTHER THAN PERFORMING SERVICES DIRECTLY OR INDIRECTLY TO FORD MOTOR COMPANY, WITHOUT THE EXPRESSED WRITTEN PERMISSION OF FORD MOTOR COMPANY. UNAUTHORIZED USE, COPYING OR MODIFICATION, INCLUDING THE REMOVAL OF THIS NOTE, MAY CONSTITUTE A VIOLATION OF CIVIL OR CRIMINAL LAWS ENFORCEABLE BY FORD OR GOVERNMENTAL AGENCIES.

COPYRIGHT © FORD MOTOR COMPANY (2009)

DATE	ISSUED FOR
02-29-2024	SITE PLAN REVIEW
02-21-2024	SITE PLAN REVIEW
10-03-2023	IFC
08-28-2023	90% REVIEW

A/E TEAM INFORMATION

IN CHARGE:	J. HEIDT
DRAWN BY:	E. REED
DESIGNED BY:	P. MISCIASCI
CHECKED BY:	J. HULDERMAN
APPROVED BY:	J. HEIDT
A/E PROJECT NUMBER	022-01220-00

SHEET TITLE

ELECTRICAL SITE DETAILS

SHEET NUMBER 1000112-001

ES5005

FILE PLOT DATE STAMP 2/29/2024 3:08:20 PM