# CITY OF WEST DES MOINES STAFF REPORT COMMUNICATION

Meeting Date: June 14, 2021

ITEM: Microsoft DSM 40, 11100 Booneville Road – Approve a Full Site Plan to allow construction of a data center building – Microsoft Corporation – SP-005041-2021

Resolution: Approval of Full Site Plan

<u>Background</u>: Ryan Hardisty with Civil Design Advantage, on behalf of the applicant and property owner, Microsoft Corporation, requests approval of the full site plan for the approximately 188-acre property generally located at the southeast corner of S. 115<sup>th</sup> Street and Booneville Road. The applicant proposes to construct an approximately 250,000 square foot data center building and associated site improvements. On June 7, 2021, the City Council approved a preliminary plat to create 2 lots on the property, one for the data center buildings and the second for a MidAmerican Energy substation. Also, at the June 7<sup>th</sup> meeting, the City Council approved a phased site plan to allow footing and foundations and private utility construction to begin for the data center building.

#### **Staff Review & Comment:**

- <u>Financial Impact</u>: As a part of a development agreement approved by City Council on April 19, 2021 for this site, the City will undertake the following proposed public use improvements:
  - Reconstruction of Booneville Road from S. 100<sup>th</sup> Street to S. 115<sup>th</sup> Street;
  - Construction of S. Grand Prairie Parkway from Mills Civic Parkway to Raccoon River Drive;
     and
  - Extension of Grand Avenue from its current terminus just west of S. 88<sup>th</sup> Street to just west of Johnson Creek to provide for a south access to the Microsoft site while Booneville Road is under reconstruction.

Although it is undetermined at this time, the City may also extend Grand Avenue to S. 115<sup>th</sup> Street and S. 115<sup>th</sup> Street south of Booneville Road to connect to this extension of Grand Avenue. The proposed street improvements will include the installation of the associated utilities, streetlights and sidewalks.

#### Key Development Aspects:

- Plat of Survey Condition of Approval: The plat of survey approved by the City Council on November 2, 2020 for the transfer of ownership of this property to the applicant had a condition of approval that no development may occur on the site until the property is platted through the City's subdivision process. At the May 17, 2021 City Council meeting, the City Council modified this condition of approval to allow phased site plan approval to facilitate construction of footings and foundations and implementation of private utilities prior to completion of the subdivision process. As a means to ensure the subdivision process is completed, full site plan approval and allowance of above ground construction of the building was not to be allowed until the associated final plat for the site had been approved by the City Council. The associated Final plat is anticipated to be presented to the City Council at the June 21st meeting. In the event the Final Plat is not ready for City Council consideration by the 21st meeting, the approval request to the City Council of this full site plan will be delayed accordingly until the Final Plat is ready.
- <u>Water Tower Agreement:</u> West Des Moines Water Works (WDMWW) is negotiating an agreement with Microsoft related to the construction of a 2 million gallon elevated tower that will primarily serve the South Pressure Zone including the new data center called Ginger East/DSM 14 (at IA-5 and Veterans Parkway). The tower will also provide support to Ginger West (the subject site) in the event of an emergency such as a fire or large water

main break. WDMWW, the City of West Des Moines, and the Des Moines Water Works (DMWW) have entered into a Memorandum of Understanding (MOU) that agrees that the elevated tower will be constructed as a condition, among other items, for DMWW to provide the necessary water to serve BOTH data centers hence the importance of making sure this contract is in place. DMWW and WDMWW have already executed the MOU and anticipate the City signing at the next city council meeting. WDMWW believes the recommended conditional approval requiring full execution prior to any occupancy being issued for the first building and/or the issuance of water meters provides adequate protection to ensure the agreement is executed while allowing Microsoft to move forward with the first data center building construction.

- <u>Traffic Impact Study Findings</u>: The site is expected to generate significantly less traffic than previously estimated in full-build traffic modeling for the area. Since the anticipated trip generation is less than previously analyzed, there is no additional loading on the planned roadway network.
- <u>Developer Responsibilities</u>: Unless otherwise provided in a development agreement with the City, the developer will be responsible for construction and/or installation of all required public and private infrastructure improvements necessary to support development. The following items are known improvements; additional improvements may be required in response to development proposals:
  - <u>Dedication of Right of Way</u>: Unless provided separately via an acquisition plat, as a part of the final plat for the property, the developer will dedicate right of way for Booneville Road, Grand Avenue and S. 115<sup>th</sup> Street.
  - Future Traffic Signals: Pro-rata share of cost of future traffic signals, when warranted, at S. 115<sup>th</sup> Street/V Place and Booneville Road and S. 115<sup>th</sup> Street/V Place and Grand Avenue.
- <u>Vesting of Entitlement</u>: Per City Code, entitlement (approval to construct or implement) shall remain
  in effect so long as substantial site work has progressed beyond grading and completion of
  structural foundations and twenty-five percent (25%) of the total building area has occurred above
  grade within twenty-four (24) months of the effective date of the approval, unless a greater time
  period is authorized at time of the original entitlement, or by approval of an extension of the original
  entitlement. It is the responsibility of the developer to be aware of this deadline and request an
  extension of the approval <u>prior to</u> the expiration date.

**Outstanding Issues:** There are no outstanding issues.

Plan and Zoning Commission Action:

Date:

Vote:

Recommendation:

**Recommendation**: Approve the Site Plan request, subject to the applicant meeting all City Code requirements, and the following conditions of approval:

- 1. Full site plan approval and allowance of above ground construction of the data center building shall not be allowed until the associated final plat for the site has been approved by the City Council.
- The applicant acknowledging and agreeing that no occupancy permits, including temporary occupancy, as well as no water meters will be provided for the site until such time that West Des Moines Water Works determines the Water Tower Agreement with West Des Moines Water Works has been successfully executed.

Lead Staff Member: Brian Portz

**Approval Meeting Dates:** 

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Plan and Zoning Commission	June 14, 2021
City Council	

Staff Report Reviews:

Plan & Zoning Commission	<ul><li>☑ Development Coordinator (or)</li><li>☑ Director</li></ul>	⊠ Legal Department
City Council	□ Director	□ Legal Department
	□ Appropriations/Finance	☐ Agenda Acceptance

Publications (if applicable)

Published	Des Moines Register
ln:	Community Section
Date(s) Published	n/a
Date(s) of Mailed Notices	n/a

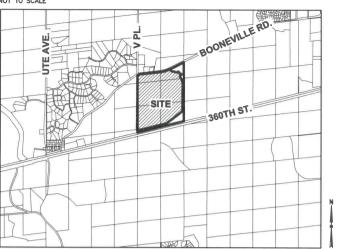
Council Subcommittee Review (if applicable)

Subcommittee	Development & Planning			
Date Reviewed	3/15/21			
Recommendation	⊠ Yes	□ No	□ Split	

## **Location Map**



## VICINITY MAP



# Microsoft

# **DSM40 DATA CENTER** SITE PLAN

CITY OF WEST DES MOINES CASE NO. SP-005041-2021

Plans included are for illustrative purposes only.

Approve plans on file with the City.

# SBURNS MSDONNELL NAVIX **Microsoft DSM 40** DATA CENTER

Civil Design Advantage 3405 SE Crossroads Drive, Suite G Grimes, IA 50111

#### 11100 BOONEVILLE ROAD WEST DES MOINES. IA

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Drawn	NM/TC
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	RAH
Date	25 MAR 2021
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M.S. Project No.	P.17260
	MICROSOFT

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Security Design Manage FRED HARRIS DESIGN TEAM

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Architectural Land
NEAL CLEMENTS / BMcD
Mechanical Engineering Land
Mechanical Engineering Land KYLE GRICE / BMcD KYLE GRICE / BMcD
Plumbing Engineering Lead
EDDIE ORDONEZ / BMcD
Pre Protection Engineering Lead

Fire Protection Engineering Lead ADAM DEGROFF / BMcD BAS Engineering Lead JARROD MCMAINS / BMcD JARBOD MCMMINTS ; prince
Bactical Probamy place
CARSON LINSTED & JASON PHAM / BMCD
Telecomunication : Hence Engineering Listed
CHAD STILWELL / BMAD
Security System Cirposeing Lead
DANIEL PUTNAM / ROSSBAR





CORE & SHELL

CIVIL **COVER SHEET** 

DSM40-C-A-01

#### CONSULTANTS

NAVIX ENGINEERING, INC. 11235 SE 6TH STREET, SUITE 150 BELLEVUE. WA 98004

CIVIL DESIGN ADVANTAGE, LLC 3405 SE CROSSROADS DRIVE, SUITE G GRIMES, IA 50111 PH: (515) 369-4400 CONTACT: RYAN HARDISTY

GEOTECHNICAL ·

TERRACON 600 SW 7TH STREET, SUITE M DES MOINES, IA 50309

#### OWNER/APPLICANT

#### **GOVERNING AGENCIES**

REVIEW AGENCY:

CITY OF WEST DES MOINES
4200 MILLS CIVIC PARKWAY, SUITE 2D
WEST DES MOINES, IA 50265
PH: (515) 222-3620
CONTACT:LYNINE TWEDT

FIRE DISTRICT:

CITY OF WEST DES MOINES 3421 ASHWORTH ROAD WEST DES MOINES, 1A 50265 PH: (515) 222-3420 CONTACT: MIKE WHITSELL

### UTILITIES

WEST DES MOINES WATER WORKS 1505 RAILROAD AVENUE WEST DES MOINES, 1A 50265 PH: (515) 222—3510 CONTACT: WILLIAM MABUCE, P.E.

SANITARY SEWER:

CITY OF WEST DES MOINES 560 SOUTH 16TH STREET WEST DES MOINES, 1A 50265 PH: (515) 222-3480 CONTACT: CLINT CARPENTER

#### **BENCHMARKS**

WOM BM ORA
CITY OF WOM STANDARD BENCHMARK LOCATED ALONG 9100 BLOCK OF RACCOON RIVER
DRIVE, INTERSECTION OF RACCOON RIVER DRIVE AND WINDSOR COURT, 3 FEET NORTH OF
SOUTH FENCE, 25 FEET WEST OF FENCE CORNER, STA 1124 ± STAMPED IN PCC PAVEMENT
ON THE SOUTH SIDE.

ELEVATION = 841.07 (DATUM: NAVD 88. FEET)

WOLL BM 130 CITY OF WON STANDARD BENCHMARK LOCATED AT SOUTHWEST CORNER OF BOONEVILLE ROAD AND "V" PLACE. 3 FEET NORTH OF SOUTH RIGHT OF WAY FENCE ON BOONEVILLE ROAD AND IN LINE WITH EAST EDGE OF "V" PLACE. WEST SIDE OF FIELD ENTRANCE. ELEVATION = 873.88 (DATUM: NAVD 88, FEET)

#### LEGAL DESCRIPTION

THE SOUTHEAST 1/4 OF THE NORTHWEST 1/4 OF SECTION 28, TOWNSHIP 78 NORTH, RANGE 28 WEST OF THE 5TH P.M., WEST DES MOINES, DALLAS COUNTY, IOWA, EXCEPT THE RIGHT OF WAY OF CHICAGO, ROCK ISLAID AND PAGIFIC RAIL ROAD COMPANY AND SUBJECT TO ROADS AND HIGHWAY EASEMENTS, SUBJECT TO EASEMENTS, COVENANTS, CONDITIONS AND RESTRICTIONS OF RECORD.

THAT PART OF THE SOUTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 21. TOWNSHIP 78 NORTH, RANGE 28 WEST OF THE FIFTH PRINCIPAL MERIDIAM IN THE CITY OF WEST DES MORNES, DALLAS COUNTY, IOWA LIVING SOUTH OF LOT 1, JOHNSON CHEEK ADDITION TO DALLAS COUNTY, IOWA, AN OFFICIAL PLAT, AND LYING NORTH OF THE CENTERLINE OF BOONEMILE FOOD;

THAT PART OF THE SOUTHWEST QUARTER OF SECTION 21, TOWNSHIP 78 NORTH, RANGE 28 WEST OF THE FIFTH PRINCIPAL MERIDIAN IN THE CITY OF WEST DES MOINES, DALLAS COUNTY, IOWA LYING SOUTH OF THE CENTERURE OF BOONEVILE RODO AND WEST OF THE CENTERUR OF JOHNSON CREEK AS SHOWN ON THE BOUNDARY SURVEY RECORDED IN BOOK 2010, PAGE 6080;

THE NORTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 28, TOWNSHIP 78 NORTH, RANGE 28 WEST OF THE FIFTH PRINCIPAL MERIDIAN IN THE CITY OF WEST DES MOINES, DALLAS COUNTY, 10WA:

PROPERTY CONTAINS 188.14 ACRES (8.195.193 SQUARE FEFT). PROPERTY IS SUBJECT TO ANY AND ALL EASEMENTS OF RECORD.

#### **NOTES**

- SITE WORK FOR THIS PROJECT SHALL MEET OR EXCEED THE PROJECT SPECIFICATIONS AND THE CURRENT CITY OF WEST DES MOINES STANDARD SPECIFICATIONS FOR SUBDIVISIONS AND ADDEDIOUMS.
- THE DESIGN SHOWN IS BASED UPON THE ENGINEER'S UNDERSTANDING OF THE EXISTING CONDITIONS. THIS PLAN DOES NOT REPRESENT A DETAILED FIELD SURVEY. THE CONTRACTOR IS RESPONSIBLE FOR VERTIVEN FIELD CONDITIONS PRIOR TO BIDDING THE PROPOSED SITEWORK IMPROVEMENTS. IF CONFLICTS ARE DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE OWNER PRIOR TO INSTALLATION OF ANY PORTION OF THE STEWORK WHICH WOULD BE AFFECTED. IF CONTRACTOR DOES NOT ACCEPT EXISTING SURVEY, INCLUDING TOPOGRAPHY AS SHOWN ON THE PLANS, WINDOUT EXCEPTION, HE SHALL HAVE MADE, AT HIS/HER OWN EXPENSE, A TOPOGRAPHIC SURVEY BY A REGISTERED LAND SURVEYOR AND SUBMITT IT O'THE OWNER FOR REVIEW.
- CAUTION NOTICE TO CONTRACTOR
  THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION OF EXISTING UTILITIES
  AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES
  AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO
  BE RELLED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE
  APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO
  REQUEST TELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE
  CONTRACTOR TO SELOCATE ALL DESTING UTILITIES WHICH CONFLICT WITH THE PROPOSED
  IMPROVEMENTS SHOWN ON THESE PLANS.
- ALL CONSTRUCTION WITHIN PUBLIC ROW/EASEMENTS, AND/OR ANY CONNECTION TO PUBLIC SEWERS AND STREETS SHALL COMPLY WITH THE WEST DES MOINES STANDARD CONSTRUCTION SPECIFICATIONS FOR SUBDIVISIONS, DSM METRO DESIGN STANDARDS, AND WOM ADDENDUMS.
- AND/OR ANY CONNECTION TO PUBLIC SEMENS AND STREETS, THE CONTRACTOR SHALL CONTACT THE WIN DIGNEEZING SERVICES 515—222—3475 TO SCHEDULE ANY REQUIRED INSPECTIONS. IT IS IMPORTANT TO NOTE CITY APPROVAL OF THIS PLAN IS SUBJECT TO THE APPLICANT OBTAINING ALL NECESSARY EASEMENTS/AGREEMENTS AND APPLICABLE PREMITS

#### SITE DATA

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COMPREHENSIVE PLAN DESIGNATION

MED. DENSITY RESIDENTIAL /OPEN SPACE AGRICULTURE UNZONED SINGLE FAMILY RESIDENTIAL

#### PARKING SUMMARY

TOTAL ADMIN AREA = 9,896 SF PARKING REQUIRED = 50 SPACES (1 SPACE/200 SF)

TOTAL REQUIRED = 50 SPACES TOTAL PROVIDED = 54 SPACES

THE UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY AND RECORDS OBTAINED BY THIS SURVEYOR. THE SURVEYOR MAKES NO GUARANTEE THAT THE UTILITIES SHOWN COMPRISE ALL THE UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UTILITIES SHOWN ARE IN THE EXACT LOCATION SHOWN.

#### SITE AREA DATA

LOT 1:	IMPERVIOUS	0.00 ACRES	G (0		(0.00%)
EXISTING:	PERVIOUS	153.06 ACR	ES (6,667,355		(100.00%)
PROPOSED:	IMPERVIOUS	36.21 ACR	ES (1,577,369	SF) (	23.66%)
	PERVIOUS	116.85 ACR	ES (5,089,986	SF) (	(76.34%)
TOTAL LAND	REA	153.06 ACR	ES (6,667,355	SF)	
OPEN SPACE	AREA: REQUIRED	30.61 ACR	ES (1,333,471	SF) (	20.00%)
	PROVIDED	116.85 ACR	ES (5,089,986	SF) (	(76.34%)

#### **SHEET INDEX** DSM40-C-A-01 CIVIL COVER SHEET CIVIL BASE CONDITIONS MAR

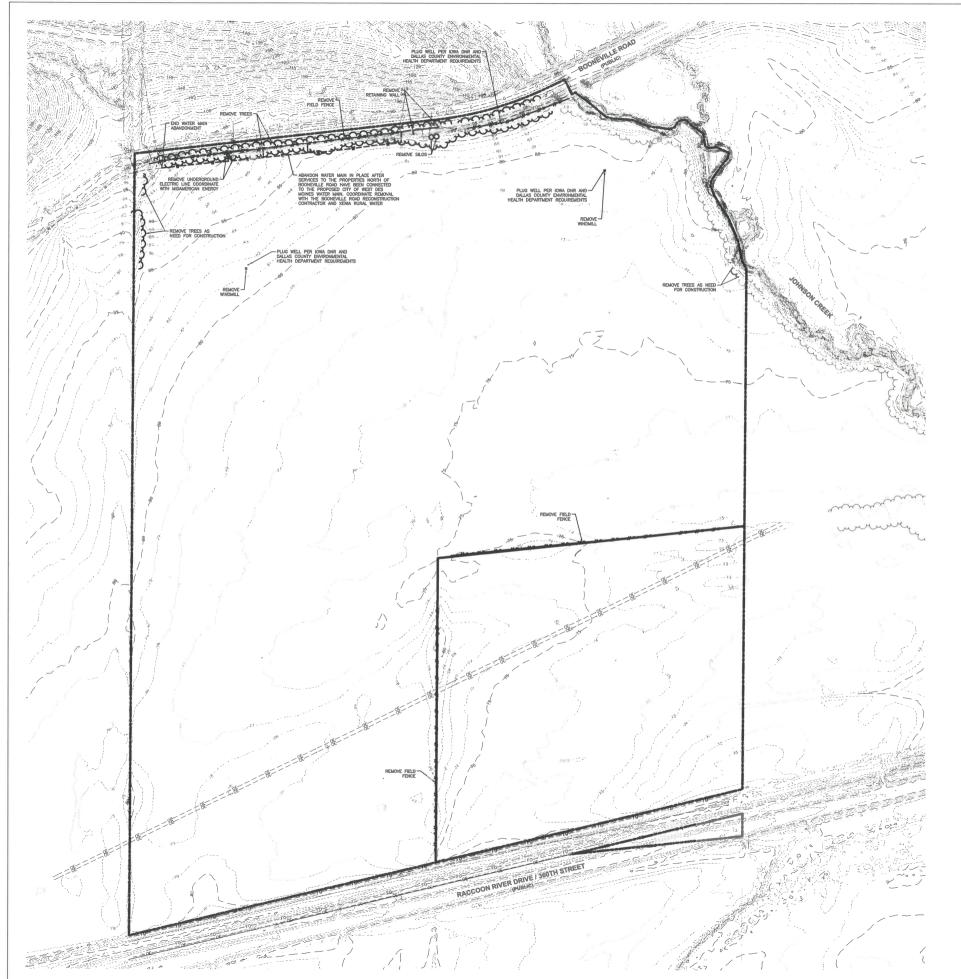
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DSM40-C-C1-27	CIVIL SITE IMPROVEMENTS PLAN	DSM40-C-E1-C03	CIVIL WATER PLAN
DSM40-C-C1-28	CIVIL SITE IMPROVEMENTS PLAN	DSM40C-E1D01	CIVIL WATER PLAN
DSM40-C-C1-29	CIVIL DIRECTIONAL SIGNAGE PLAN AND DETAILS	DSM40-C-E1-D03	CIVIL WATER PLAN
		DSM40-C-F1-D04	CIVIL WATER PLAN
DSM40-C-C2-01	CIVIL HORIZONTAL CONTROL PLAN OVERALL	DSM40-C-E1-E01	CIVIL WATER PLAN
DSM40-C-C2-A01	CIVIL HOPIZONTAL CONTROL PLAN	DSM40-C-E1-E01	CIVIL WATER PLAN
DSM40-C-C2-A02	CIVIL HORIZONTAL CONTROL PLAN	DSM40-C-E1-F01	CIVIL WATER PLAN
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DSM40-C-C2-A03	CIVIL HORIZONTAL CONTROL PLAN		
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	CIVIL DIRECTIONAL SIGNAGE PLAN AND DETAILS  CIVIL HORIZONTAL CONTROL PLAN OVERALL  CIVIL HORIZONTAL CONTROL PLAN	DSM40-C-E3-01	CIVIL WATER PROFILES

CIVIL FENCE ALIGNMENT OVERALL PLAN
CIVIL FENCE ALIGNMENT PLAN

RYAN A. HARDIST

RYAN A. HARDISTY, P.E. LICENSE NUMBER 20811 MY LICENSE RENEWAL DATE IS DECEMBER 31, 2021 PAGES OR SHEETS COVERED BY THIS SEAL: ALL C & L SERIES SHEETS

**®IOWA** 1-800-292-8989 www.iowaonecall.com







#### **DEMOLITION NOTES**

LEGEND	
FEATURES	
GROUND SURFACE CONTOUR	
SANITARY MANHOLE	(S)
WATER VALVE BOX	w
FIRE HYDRANT	Ø
WATER CURB STOP	CS X
WELL	Ower
STORM SEWER MANHOLE	(57)
STORM SEWER SINGLE INTAKE	-
STORM SEWER DOUBLE INTAKE	900
FLARED END SECTION	
DECIDUOUS TREE	0
CONIFEROUS TREE	*
DECIDUOUS SHRUB	6
CONIFEROUS SHRUB	0
ELECTRIC POWER POLE	-0-
GUY ANCHOR	-
STREET LIGHT	0
POWER POLE W/ TRANSFORMER	-
UTILITY POLE W/ LIGHT	φ—«
ELECTRIC BOX	 ()E
ELECTRIC TRANSFORMER	E
ELECTRIC MANHOLE OR VAULT	Œ
TRAFFIC SIGN	
TELEPHONE JUNCTION BOX	1
TELEPHONE MANHOLE/VAULT	T
TELEPHONE POLE	-0-
GAS VALVE BOX	G⊠
CABLE TV JUNCTION BOX	īv
CABLE TV MANHOLE/VAULT	₹2
MAIL BOX	M
BENCHMARK	OBM
SOIL BORING	-\$50
UNDERGROUND TV CABLE	
GAS MAIN	
FIBER OPTIC	
UNDERGROUND TELEPHONE	
OVERHEAD ELECTRIC	
UNDERGROUND ELECTRIC	E
FIELD TILE	TILE
SANITARY SEWER W/ SIZE	——— 8"S———
STORM SEWER W/ SIZE	— — 15"ST — — -
WATER MAIN W/ SIZE	8"W



BURNS MEDONNELL.





DATA CENTER

11100 BOONEVILLE ROAD WEST DES MOINES, IA

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Design Manager Layout Manager

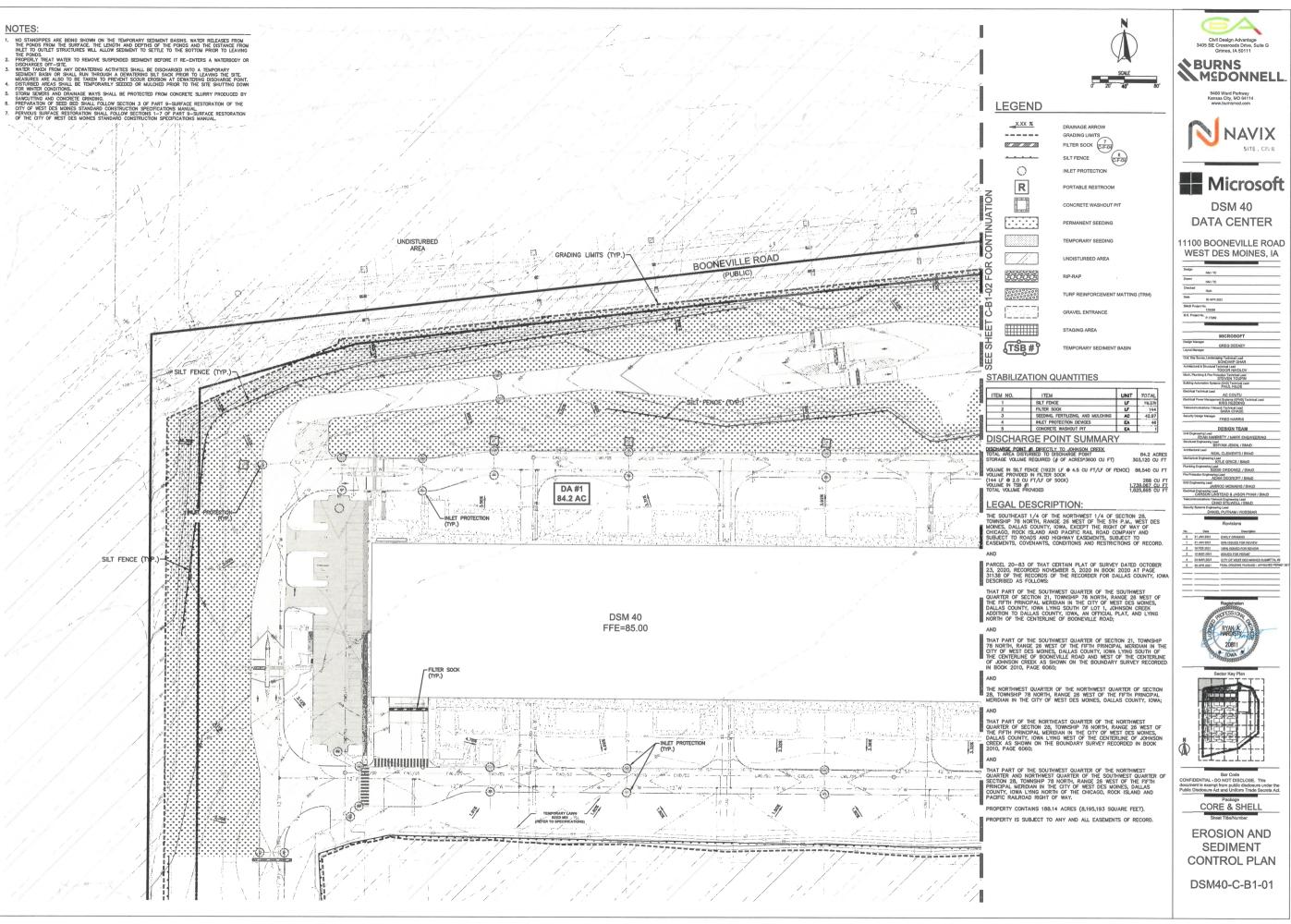
CAVI, Sife Survey, Landscoping Yeshinical Lea SONDWIP DH Architecharil & Structural Feshical Lead TODOR NIKON Mech, Plumbing & Fire Protection Technical Lead STEVEN TOUL Guilding Automation Systems ((Mol) Technical

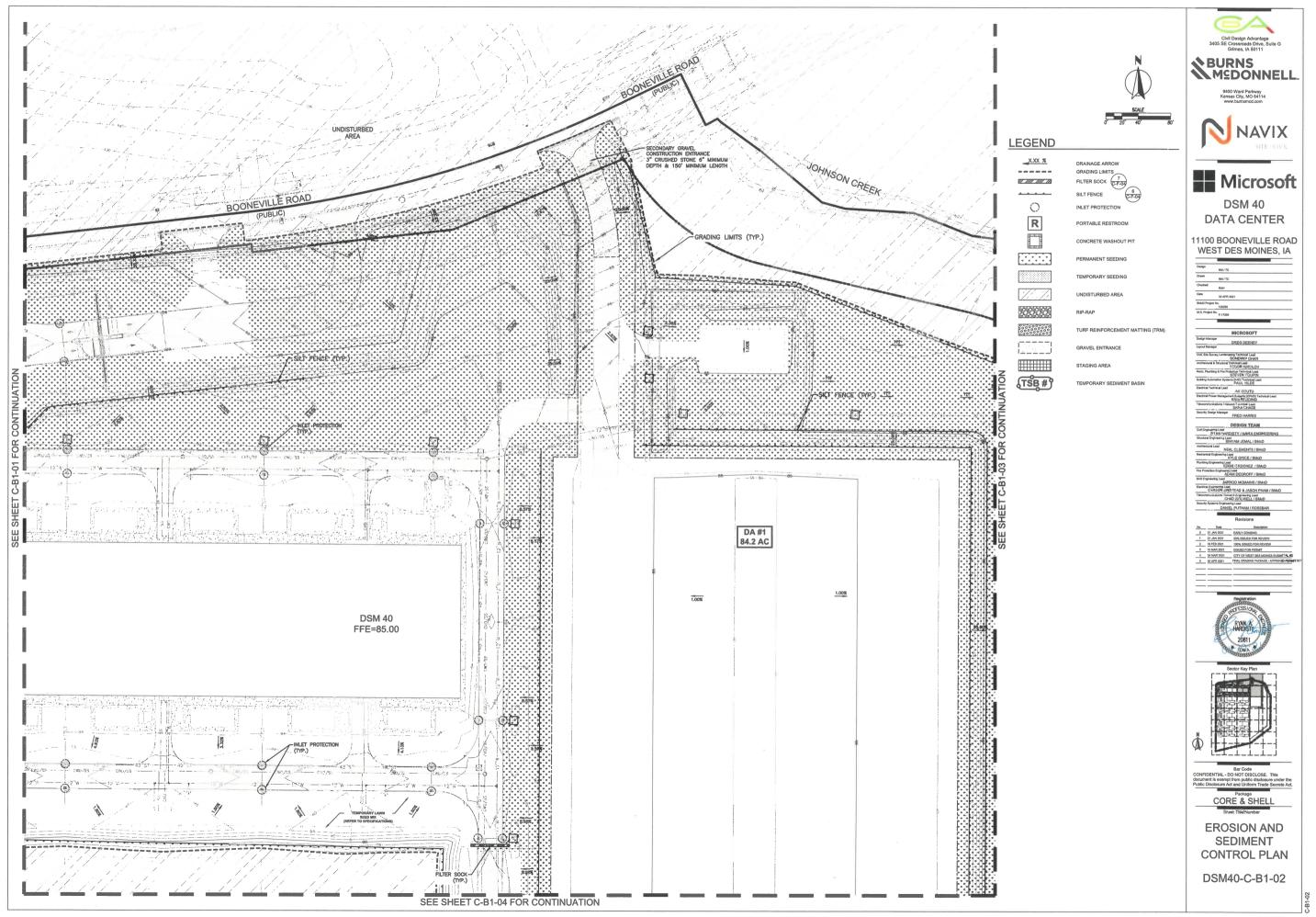


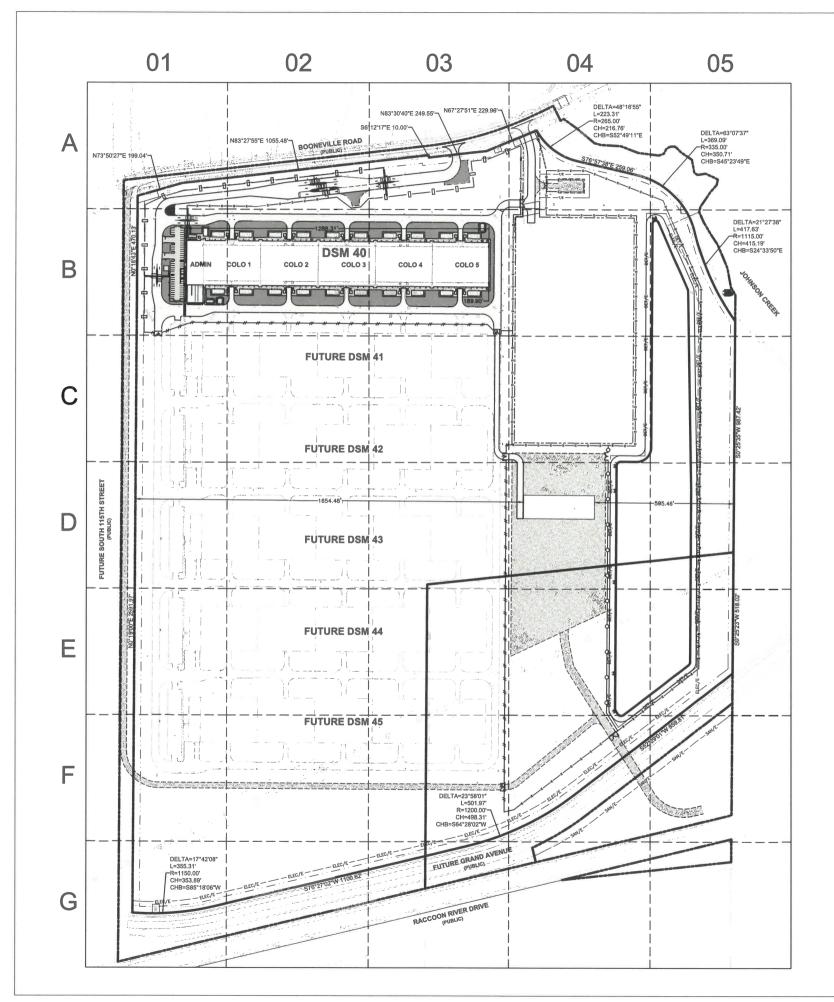
CORE & SHELL

CIVIL SITE BASE **CONDITIONS MAP** 

DSM40-C-B-01















- ALL WORK SHALL COMPLY WITH ADA ACCESSIBILITY GUIDELINES FOR BUILDINGS
  AND FACILITIES.
- ALL WORK SHALL BE IN ACCORDANCE WITH OSHA COLDES AND STANDARDS.
  AND FACILITIES.

  ALL WORK SHALL BE IN ACCORDANCE WITH OSHA COLDES AND STANDARDS.
  NOTHING NICICATED OF THE DRAWINGS SHALL RELEVE THE CONTRACTOR
  FROM COMPLYING WITH ANY APPROPRIATE SHAPT YESULATIONS.

  A PROJECT OF THE SHAPT S

- TO PUBLIC SEWERS CONTRACTOR SHALL NOTIFY THE CITY'S CONSTRUCTION DIVISION.

  ALL CONSTRUCTION WITHIN PUBLIC R.O.W. FASEMENTS, ANDIOR ANY CONNECTION TO PUBLIC SEWERS AND STREETS, SHALL COMPLY WITH THE CITY'S STANDARDS.

  ALL DIMENSIONS ARE TO BACK OF CURB, BUILDING FACE OR PROPERTY LINE UNLESS OTHERWISE NOTED.

  CONTRACTOR TO VERRY BUILDING DIMENSIONS WITH ARCHITECTURAL PLANS. PLACE 34 INCH EXPANSION JOINT BETWEEN ALL P.C.C. PAYEMENT/SIDEWALKS AND PLACE AND PROPERTY CONTRACTOR OF VERY BUILDING DIMENSIONS WITH SETWEEN SIDEWALKS AND PLACE AND PROPERTY. REMOVE ALL DEBRIS SPILLED INTO R.O.W. AT THE END OF EACH WORK DAY.

  ALL PROPERTY PIRS SHALL BE PROTECTED FROM GRADING OR OTHER OPERATIONS, ANY PINS DISTURBED SHALL BE RESET AT THE CONTRACTOR'S EXPENSE.
- EXPENSE. DO NOT STORE CONSTRUCTION MATERIALS AND EQUIPMENT IN THE RIGHT OF
- DO NOT STORE CONSTRUCTION MATERIALS AND EQUIPMENT IN THE RIGHT OF WAY.

  OTHER CONTROL SHALL NOT DIGHTURE DESIGNABLE GRASS AREAS AND DISCIPLINE SHAPE OF THE SHAPE OF THE SHAPE OF THE CONSTRUCTION LIMITS. THE CONTRACTOR WILL NOT BE PERMITTED TO PARK OR SERVICE VEHICLES AND EQUIPMENT OR USE THESE AREAS FOR STORAGE OF MATERIALS. STORAGE, PARKING AND SERVICE AREAS FOR STORAGE OF MATERIALS. STORAGE, PARKING AND SERVICE AREAS WILL BE SUBJECT TO THE APPROVAL OF THE OWNER. THE CONTRACTOR IS RESPONSIBLE FOR REPLACING ANY AREAS OF PAYEMENT OR SIDEWALK NOT TO BE REMOVED THAT IS DAMAGED DUE TO OPERATING HE CONTRACTOR MAY BE REPUBLIED THAT SHAPE OF THE CONTRACTOR HAY BE REPUBLIED THAT SHAPE OF THE SAME AND STORE THE SHAPE OF THE SAME AND STORED THAT SHAPE OF THE SAME AND STORED THAT SHAPE OF THE SAME AND STREET SHAPE OF THE SAME DAY, AS DIRECTED BY THE ENGINEER OR THE CITY.

- ARE NOT INSTALLED THE SAME DAY, AS DIRECTED BY THE ENDINEER OR THE CITY.

  THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF WORK BETWEEN SUPPLIERS AND SUBCONTRACTORS INVOLVED IN THE PROJECT, INCLUDING STRENGE OF COORDINATION OF PROJECT, INCLUDING STRENGE OF COORDINATION OF THE SERVING TO THE PROJECT, INCLUDING STRENGE OF COORDINATION OF THE SERVING STRENGE OF THE PROJECT OF THE PROMOVED TO THE PROJECT OF THE PROJECT OF







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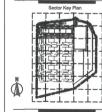
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MICROSOFT	
Design Manager GREG DEENEY	
Layout Manager	

FRED HARRIS

DESIGN TEAM Crit Engineering Leed
RYAN HARDISTY / NAVIX ENGINEERING
Structural Engineering Leed
SHOVAN JEMAL / BMcD
Architectural Leed Architectural Lead
NEAL CLEMENTS / BMcD
Mechanical Engineering Lead
KYLE GRICE / BMcD

KYLE GRICE / BMcD
Plumbing Engineering Lased
EDDIE ORDONEZ / BMcD
Pire Protection Engineering Lased
ADAM DEGROFF / BMcD
BAS Engineering Lased BAS Engineering Lead
JARROD MCMAINS / BMcD
Electrical Engineering Lead
CARSON LINSTEAD & JASON PHAM / BMcD
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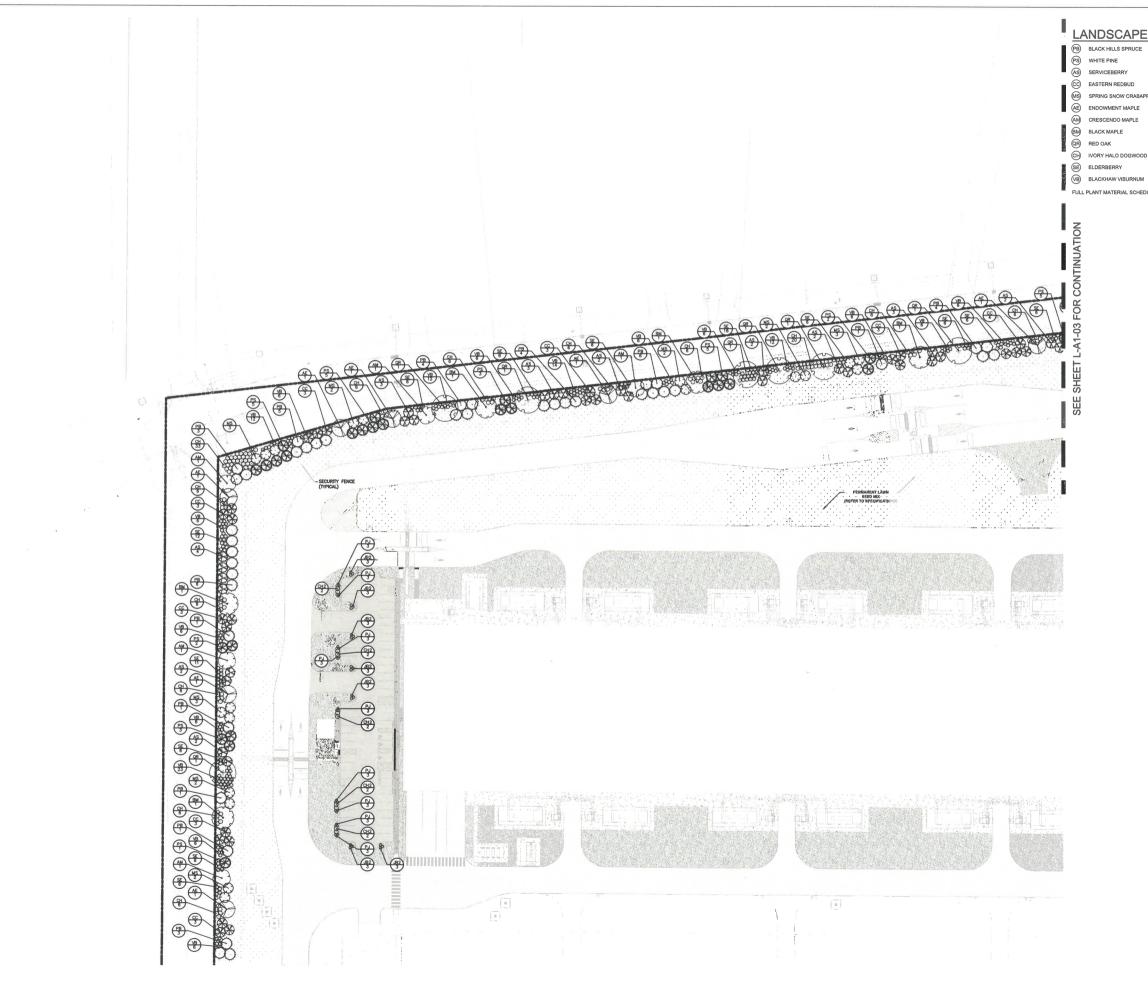




CORE & SHELL

SITE **IMPROVEMENTS** PLAN OVERALL DSM40-C-C1-01

CIVIL





FULL PLANT MATERIAL SCHEDULE ON SHEET L-A1-01

**Microsoft** DSM 40 DATA CENTER

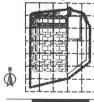
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9400 Ward Parkway Kansas City, MO 64114 www.burnsmed.com

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11100 BOONEVILLE ROAD WEST DES MOINES, IA

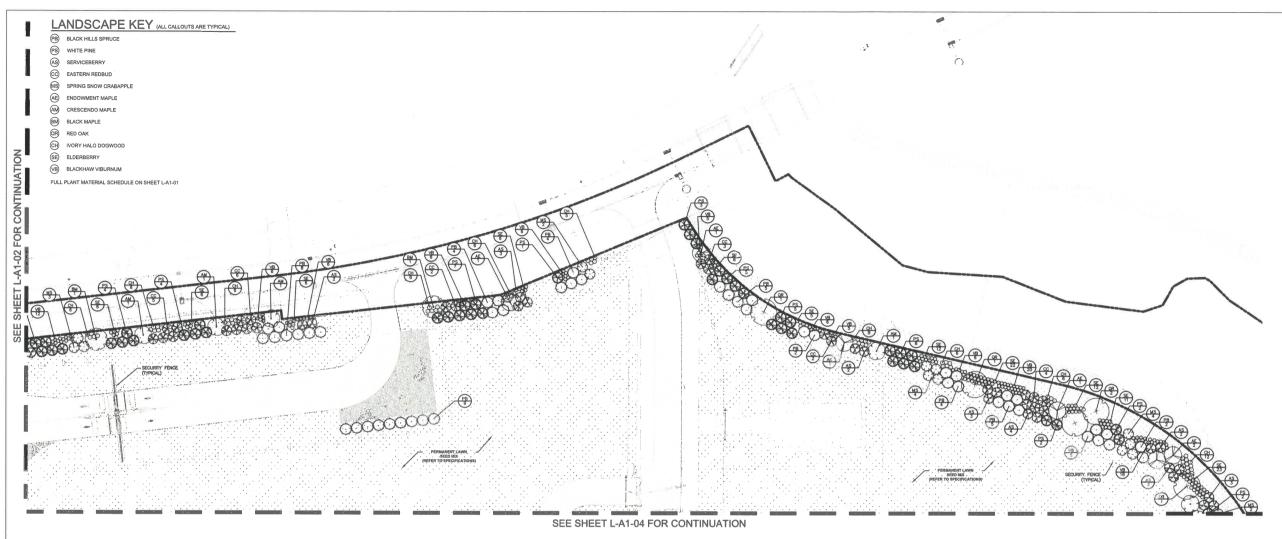


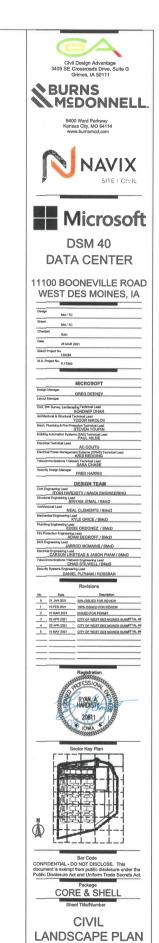


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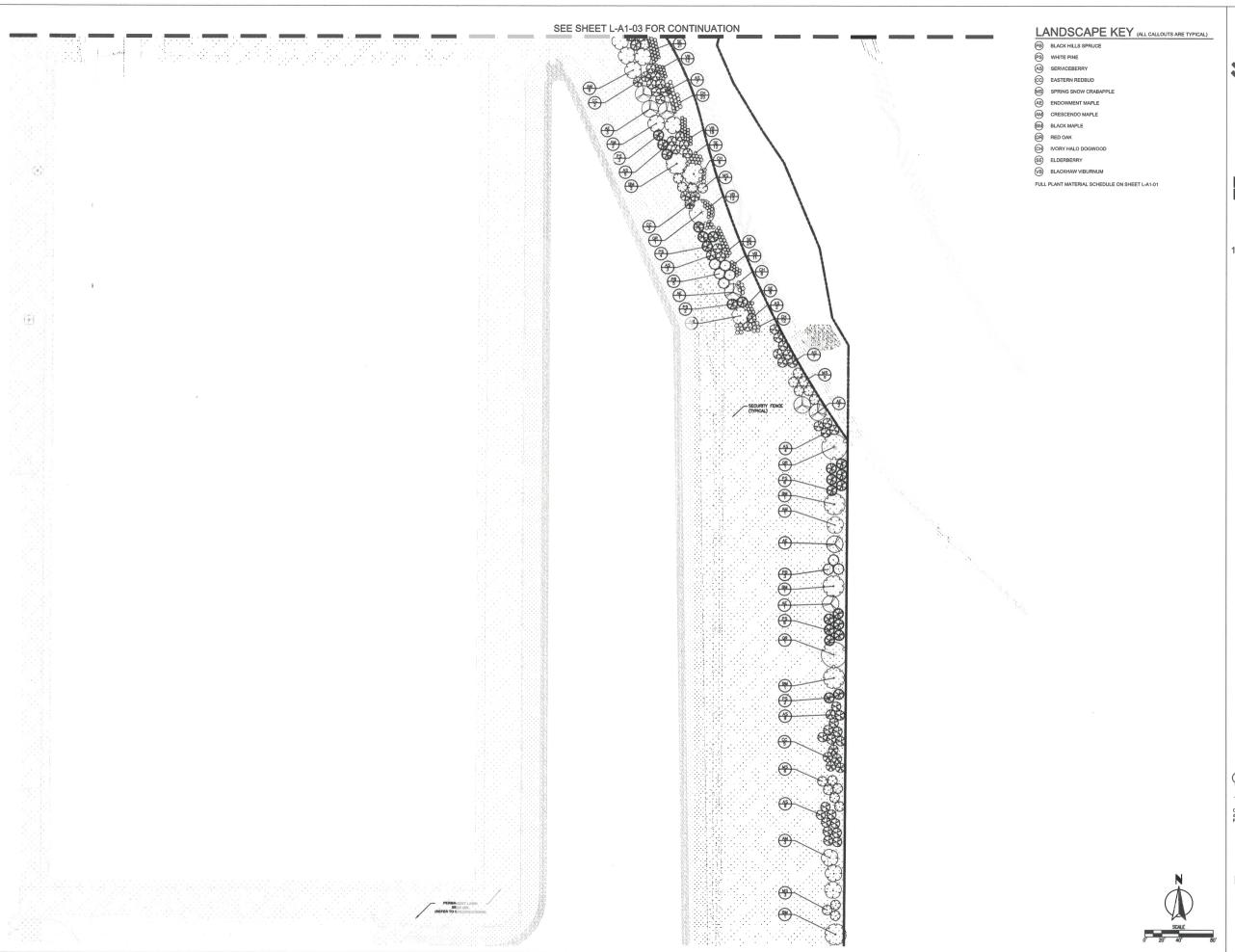
CIVIL LANDSCAPE PLAN **OVERALL** 

DSM40-L-A1-02











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> 9400 Ward Parkway Kansas City, MO 64114 www.burnsmcd.com





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11100 BOONEVILLE ROAD
WEST DES MOINES, IA

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Layout Man	nger
Civil, Site Sc	avey, Landscaping Yechnical Lead SONDWIP DHAR
Architecture	& Structural Technical Leed TODOR NIKOLOV
Mech, Plumi	oing & Fire Protection Technical Lead STEVEN TOUPIN
Building Aut	ometion Systems (BAS) Technical Lead PAUL HILDE
Electrical Te	chnical Lead

process technical Leed
AC COUTU

accident Technical Leed
ASPARCHASE
controllacions / National Technical Leed
ASPARCHASE
crist/ Design Manager

FRED MARRIS

DESIGN TEAM

TANY PROFILES TO P

ADAM DEGROFF / BMcD

BAS Engineering Leaf
JARROD MCMAINS / BMcD

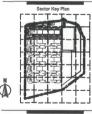
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Telecommunications / Network Engineering Land
CHAD STILWELL / BMcD

sterns Engineering Lead DANIEL PUTNAM / ROSS



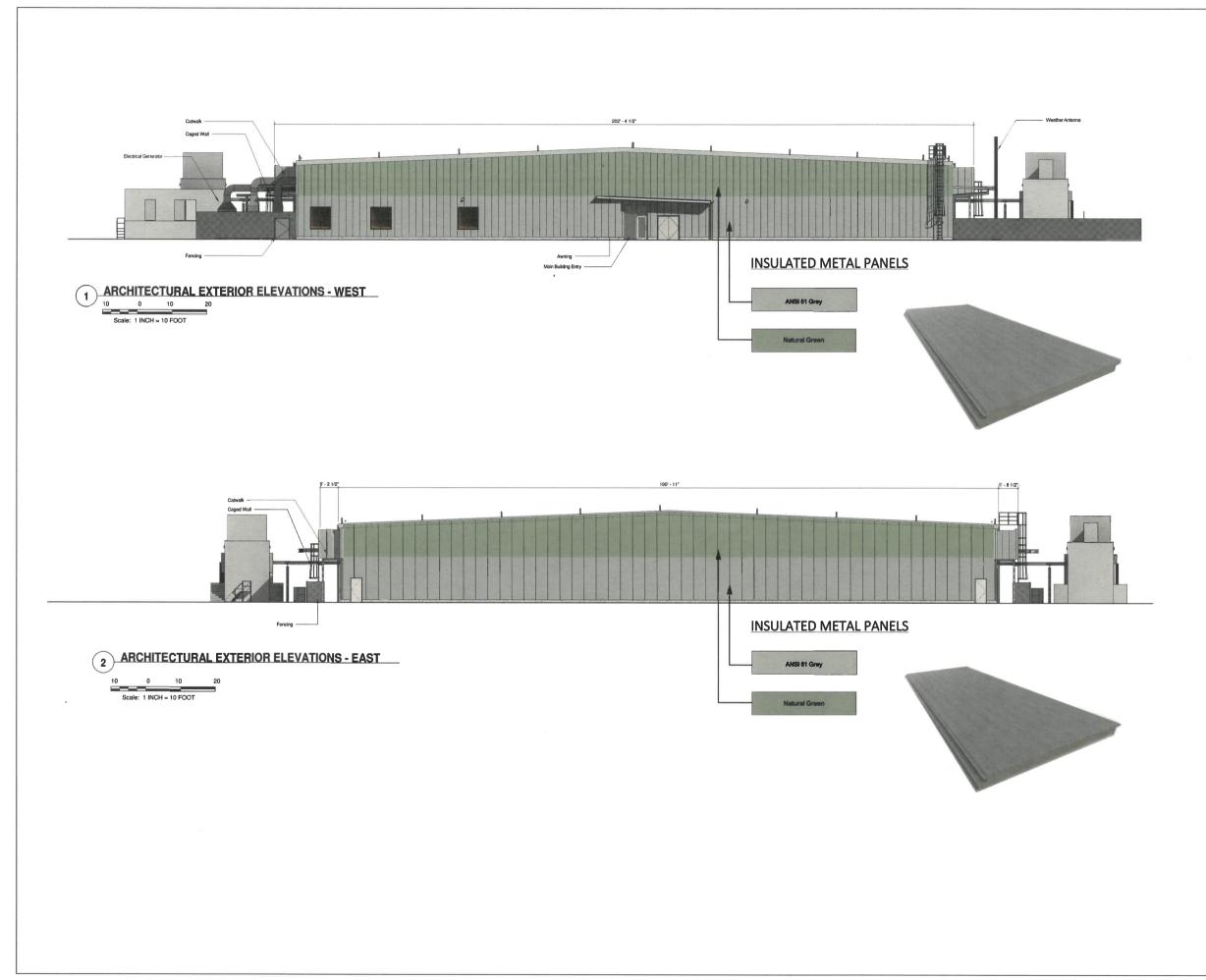


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CIVIL LANDSCAPE PLAN OVERALL

DSM40-L-A1-04



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9400 Ward Parkway Kansas City, MO 64114
www.burnsmed.com

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SARA CHASE
county Design Manager
FRED HARRIS

RYAN HARDISTY / NAVIX ENGINEE
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CHAD STILLWELL / BMcD
Security Systems Engineering Leed

DANIEL PUTNAM / ROSSE
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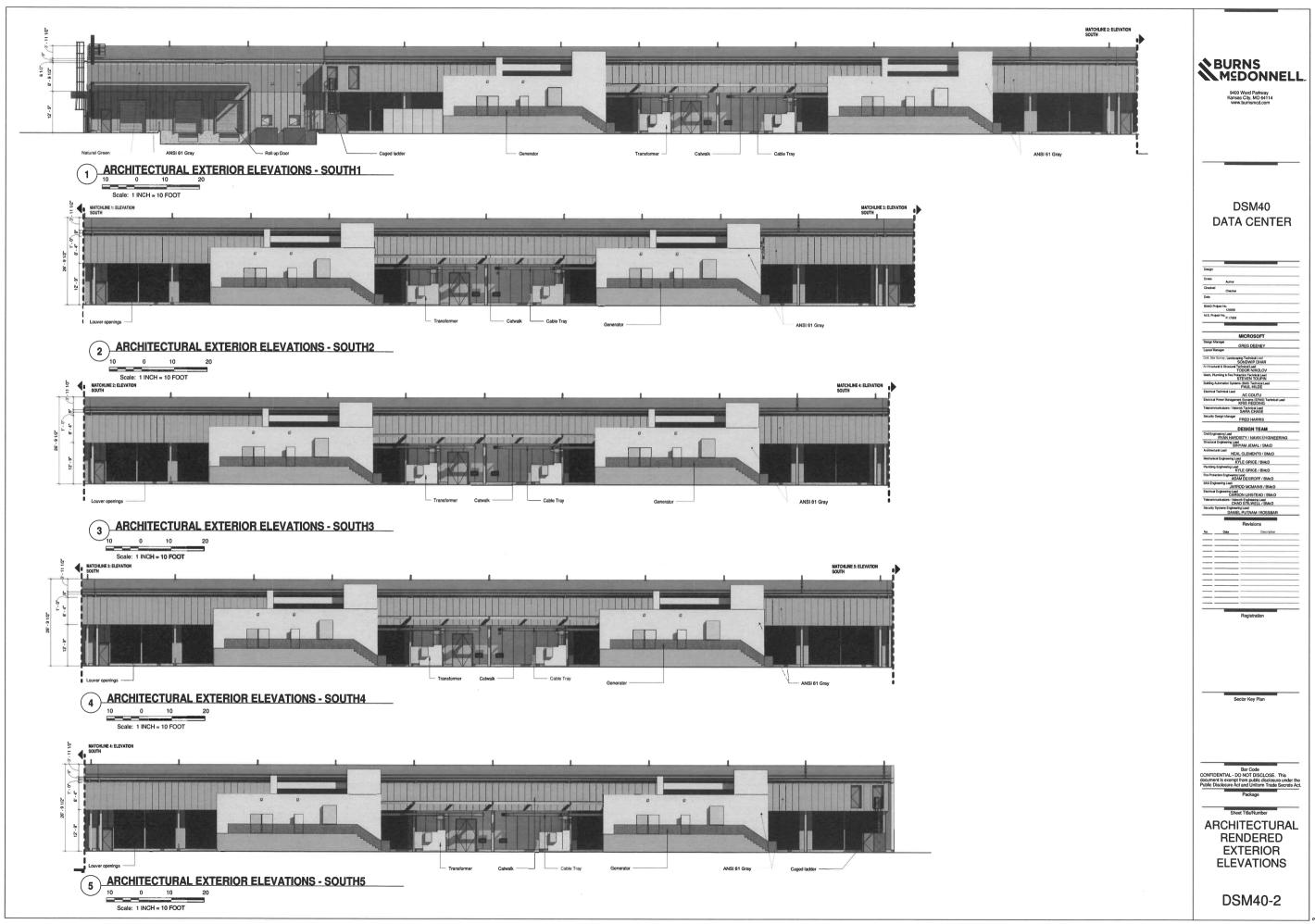
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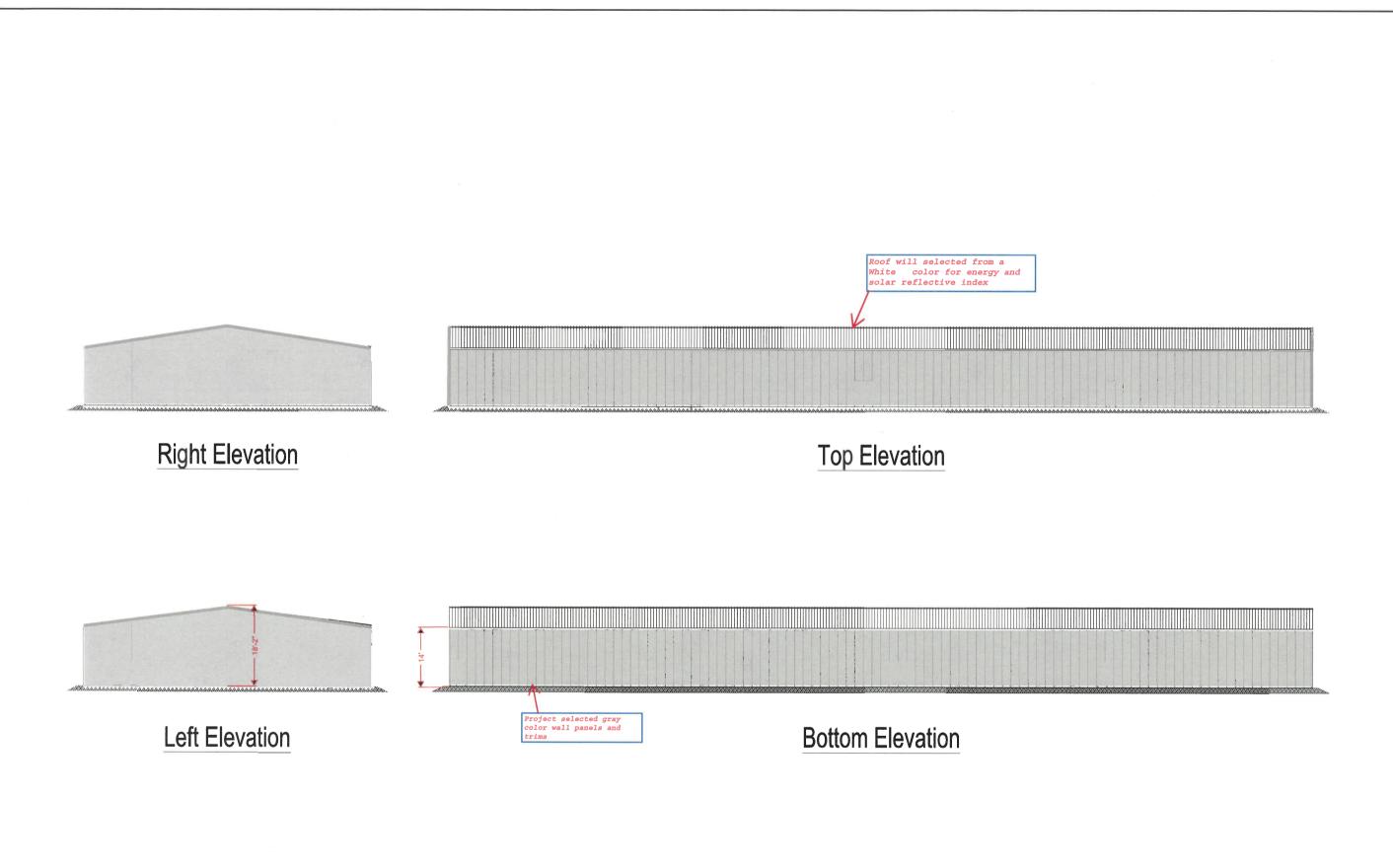
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ARCHITECTURAL RENDERED EXTERIOR ELEVATIONS

DSM40-1







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Date			
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Rev			



## A RESOLUTION OF THE PLAN AND ZONING COMMISSION NO. PZC-21-51

WHEREAS, pursuant to the provisions of Title 9. Zoning of the West Des Moines Municipal Code, the applicant and property owner, Microsoft Corporation, requests approval of a Full Site Plan for the approximately 188-acre property located at 11100 Booneville Road for the purpose of constructing a 250,000 square foot data center building; and

WHEREAS, the Site Plan complies with the findings stated in the applicable provisions of Title 9. Chapter 1, the Comprehensive Plan and City Code.

NOW THEREFORE, the Plan and Zoning Commission of the City of West Des Moines recommends the City Council approve the Full Site Plan (SP-005041-2021), subject to compliance with all the conditions of approval as stated in the staff report, including conditions added at the meeting, and attached hereto as Exhibit "A", if applicable.

Erica Andersen, Chair

PASSED AND ADOPTED on June 14, 2021.

	Plan and Zoning Commission
Comm	EBY CERTIFY that the foregoing resolution was duly adopted by the Plan and Zoning nission of the City of West Des Moines, Iowa, at a regular meeting on <u>June 14, 2021</u> , by lowing vote:
	AYES:
	NAYS:
	ABSTENTIONS:

ABSENT: ATTEST: **Recording Secretary**