



A001

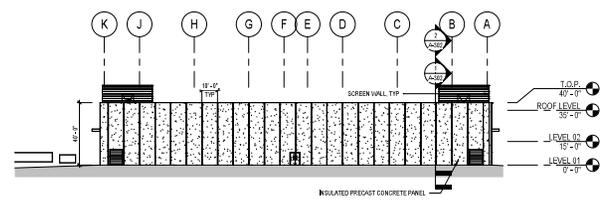
CONSULTANT TEAM

CHA	STRUCTURAL
Kim Engineering	Walter P Moore
1111 18th Avenue East	401 East of Street
Suite 200	San Jose
95066 CA 95131	April 7, 2024

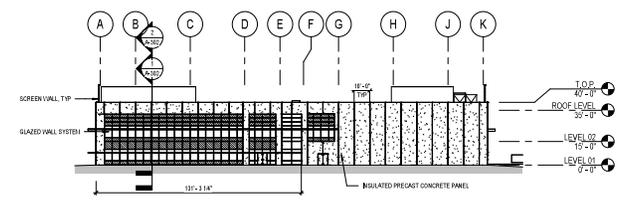
EXTERIOR GENERAL NOTES

KEYED NOTES

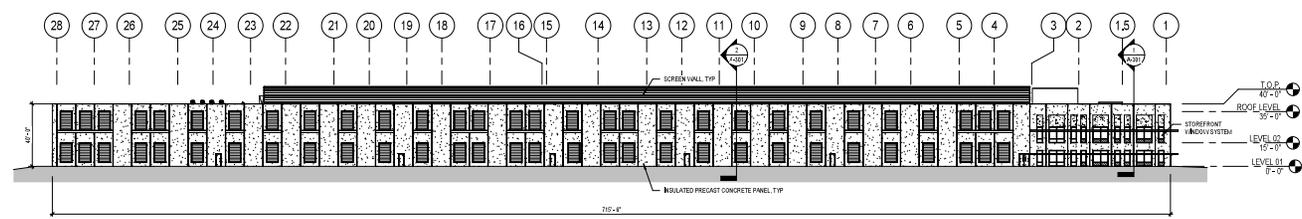
NUMBER	DESCRIPTION
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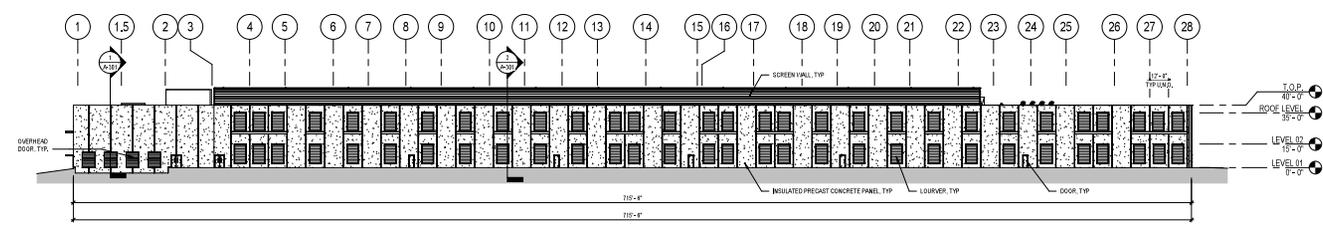
1 EXTERIOR OVERALL ELEVATION - EAST
SCALE: 1/32" = 1'-0"



2 EXTERIOR OVERALL ELEVATION - WEST
SCALE: 1/32" = 1'-0"



3 EXTERIOR OVERALL ELEVATION - NORTH
SCALE: 1/32" = 1'-0"



4 EXTERIOR OVERALL ELEVATION - SOUTH
SCALE: 1/32" = 1'-0"

EXTERIOR ELEVATION LEGEND

SYMBOL	DESCRIPTION
[Pattern]	WEBB GLASS
[Pattern]	SPANDREL GLASS
[Pattern]	PRECAST PANEL
[Pattern]	PRECAST ACCENT PANEL

REVISION HISTORY

NO.	DESCRIPTION	DATE
A	SCHEMATIC DESIGN	08 JAN 2024

INTERIM REVIEW
THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW UNDER THE AUTHORITY OF
MICHAEL J. MACE, ARCHITECT
OREGON REGISTRATION NO. 6304
IT IS NOT TO BE USED FOR REGULATORY APPROVAL, BIDDING, PERMIT, OR CONSTRUCTION PURPOSES.



PROJECT
CRANE DATA CENTERS
FOREST GROVE
3975 HEATHER STREET,
FOREST GROVE, OR 97116

PROJECT NUMBER	DATE	APPROVED BY	CHECKED BY
23010100	08 JAN 2024	[Signature]	[Signature]

SCHEMATIC DESIGN
08 JAN 2024

SHEET NAME
ARCHITECTURAL - EXTERIOR ELEVATIONS

SHEET NUMBER
A-201 (BUILDING 1)

MICHAEL J. MACE, ARCHITECT
 1000 MARKET STREET, SUITE 2000, SAN FRANCISCO, CA 94102
 TEL: 415.249.0139
 FAX: 415.249.0132
 WWW.PAGEARCHITECTS.COM

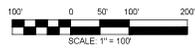
TOPOGRAPHIC SURVEY

LEGEND:

	CENTERLINE		CONTROL POINT
	RIGHT OF WAY		SIGN
	BOUNDARY LINE		TEST PIT / BOREHOLE
	EASEMENT		BILLBOARD
	LOT/PARCEL LINE		FENCE GATE POST
	BUILDING OVERHANG		PRIK/ORANGE FLAGGING-SET BY OTHERS
	ROAD STRIPPING		POWER METER
	FLOW LINE CURB		POWER POLE
	STANDARD CURB		POWER TRANSFORMER
	EDGE OF PAVEMENT		POWER VAULT
	EDGE OF CONCRETE		POWER JUNCTION BOX
	EDGE OF GRAVEL		LIGHT-LAMP POST
	WALL-TOP		GUY ANCHOR
	WALL-TOE		SANITARY SEWER MANHOLE
	WATER		STORM AREA DRAIN
	STORM SEWER		STORM CATCH BASIN
	GAS		STORM MANHOLE
	ELECTRIC		STORM CULVERT
	OVERHEAD POWER		WATER MANHOLE
	SANITARY SEWER		WATER FIRE DEPT. CONNECT
	TELEPHONE		WATER VAULT
	DITCH FLOW		FIRE HYDRANT
	MAJOR CONTOUR		WATER METER
	MINOR CONTOUR		WATER VALVE
	FENCE		GAS VALVE
	RECORD WATER LINE		GAS METER
	RECORD GAS LINE		TELEPHONE RISER
	RECORD ELECTRIC LINE		TELEPHONE MANHOLE
	BUILDING HATCH		IRRIGATION CONTROL VALVE
	CONCRETE HATCH		UNKNOWN VAULT
	GRAVEL HATCH		TREE - DECIDUOUS (SCALE DERIVED FROM DIA. @ BREAST HEIGHT (DBH))
			TREE - CONIFER (SCALE DERIVED FROM DIA. @ BREAST HEIGHT (DBH))

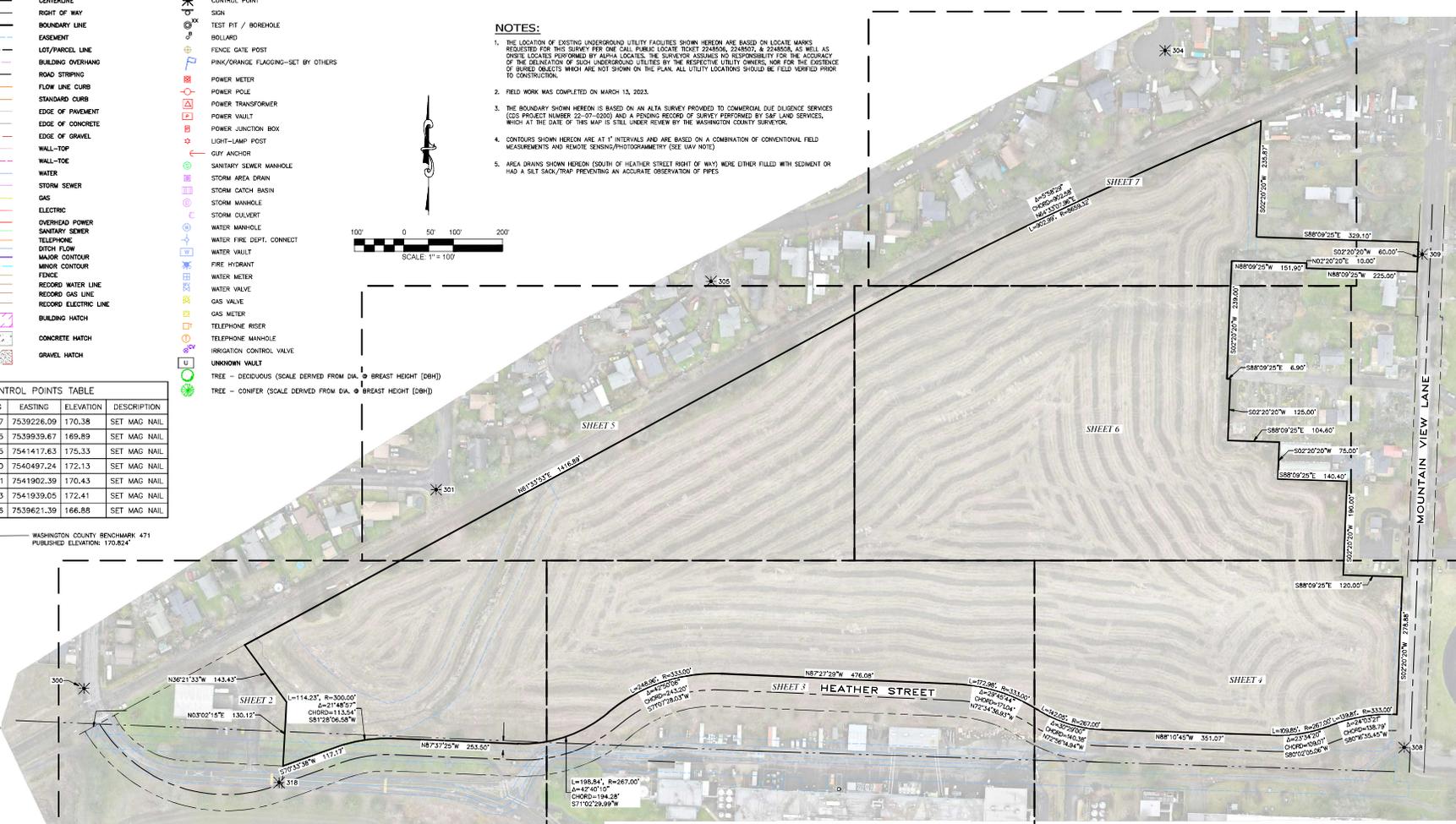
NOTES:

1. THE LOCATION OF EXISTING UNDERGROUND UTILITY FACILITIES SHOWN HEREON ARE BASED ON LOCATE MARKS REQUESTED FOR THIS SURVEY PER ONE CALL PUBLIC LOCATE TODAY (224.830), 224.830, AS WELL AS DIGITALLY LOCATED PERFORMED BY ALPHA LOCATES. THE SURVEYOR ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THE DELINEATION OF SUCH UNDERGROUND UTILITIES BY THE RESPECTIVE UTILITY OWNERS, NOR FOR THE EXISTENCE OF BURIED OBJECTS WHICH ARE NOT SHOWN ON THE PLAN. ALL UTILITY LOCATIONS SHOULD BE FIELD VERIFIED PRIOR TO CONSTRUCTION.
2. FIELD WORK WAS COMPLETED ON MARCH 13, 2023.
3. THE BOUNDARY SHOWN HEREON IS BASED ON AN ALTA SURVEY PROVIDED TO COMMERCIAL DUE DILIGENCE SERVICES (CDS PROJECT NUMBER: 22-07-0200) AND A FLOODING RECORD OF SURVEY PERFORMED BY S&F LAND SERVICES, WHICH AT THE DATE OF THIS MAP IS STILL UNDER REVIEW BY THE WASHINGTON COUNTY SURVEYOR.
4. CONTOURS SHOWN HEREON ARE AT 1' INTERVALS AND ARE BASED ON A COMBINATION OF CONVENTIONAL FIELD MEASUREMENTS AND REMOTE SENSING/PHOTOGRAMMETRY (SEE UAV NOTE).
5. AREA DRAINS SHOWN HEREON (SOUTH OF HEATHER STREET RIGHT OF WAY) WERE EITHER FILLED WITH SEDIMENT OR HAD A SILT SACK/TRAP PREVENTING AN ACCURATE OBSERVATION OF PIPES.



POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
300	684158.87	7539226.09	170.38	SET MAG NAIL
301	684561.75	7539939.67	169.89	SET MAG NAIL
304	684541.85	7541417.63	175.33	SET MAG NAIL
305	684983.70	7540497.24	172.13	SET MAG NAIL
308	684039.11	7541902.39	170.43	SET MAG NAIL
309	685038.83	7541939.05	172.41	SET MAG NAIL
316	683968.06	7539621.39	166.88	SET MAG NAIL

WASHINGTON COUNTY BENCHMARK 471
PUBLISHED ELEVATION: 170.824'



SHEET INDEX:

1. LEGEND, DATUM NOTES, CONTROL POINT TABLE, OVERALL SITE VIEW 1" = 100' SCALE
2. DETAIL VIEW 1" = 30' SCALE
3. DETAIL VIEW 1" = 30' SCALE
4. DETAIL VIEW 1" = 30' SCALE
5. DETAIL VIEW 1" = 30' SCALE
6. DETAIL VIEW 1" = 30' SCALE
7. DETAIL VIEW 1" = 30' SCALE, SEWER STRUCTURE NOTES

HORIZONTAL DATUM (BASIS OF BEARINGS):

OREGON NORTH STATE PLANE COORDINATE SYSTEM NAD 83 (2011) BASED ON GPS OBSERVATIONS. DISTANCES SHOWN HEREON ARE GROUND DISTANCES INTERNATIONAL FEET, SCALE: AS NOTED. CONTROL POINT NO. 1 (LAT: 42°07'46.90888\"/>

VERTICAL DATUM:

NGVD29, BASED ON TIES TO WASHINGTON COUNTY BENCHMARK ID 471, WITH PUBLISHED ELEVATION OF 170.824'.

UAV NOTE:

RECTIFIED ORTHOPHOTOGRAPHY AND PHOTOGRAMMETRIC MAPPING (PERFORMED BY AN ASPRS CERTIFIED PHOTOGRAMMETRIST) WAS UTILIZED TO OBTAIN PLANIMETRIC AND ELEVATION/HEIGHT DATA (EXCLUDING BOUNDARIES) WHERE GROUND MEASUREMENTS ARE NOT OTHERWISE NECESSARY TO LOCATE THOSE FEATURES TO AN APPROPRIATE AND ACCEPTABLE ACCURACY. AERIAL PHOTOGRAPHY WAS COLLECTED WITH 80/90 FORWARD AND SIDE OVERLAP ON 03/07/2023.

S&F Land Services

PORTLAND, VANCOUVER, BEND, SEASIDE

801 NW CAROLAN AVE, SUITE 3
BEND, OR 97703
(541) 797-0984

EMAIL: INFO@SFLANDS.COM

DATE	JOB NO.	FIELD	DRAWN	CHECKED
MARCH 30, 2023	2023-584-01	By/MH	DJR	MUF

SURVEY FOR:
**NAVIX ENGINEERING INC.
CRANE DATA CENTERS**

PARCEL 2 OF PARTITION PLAT 2006-056
LOCATED IN THE NE1/4
OF THE NW1/4 OF SECTION 5
T 1S, R 3W, W.M., CITY OF FOREST GROVE,
WASHINGTON COUNTY, OREGON

EX1

REGISTERED
PROFESSIONAL
LAND SURVEYOR

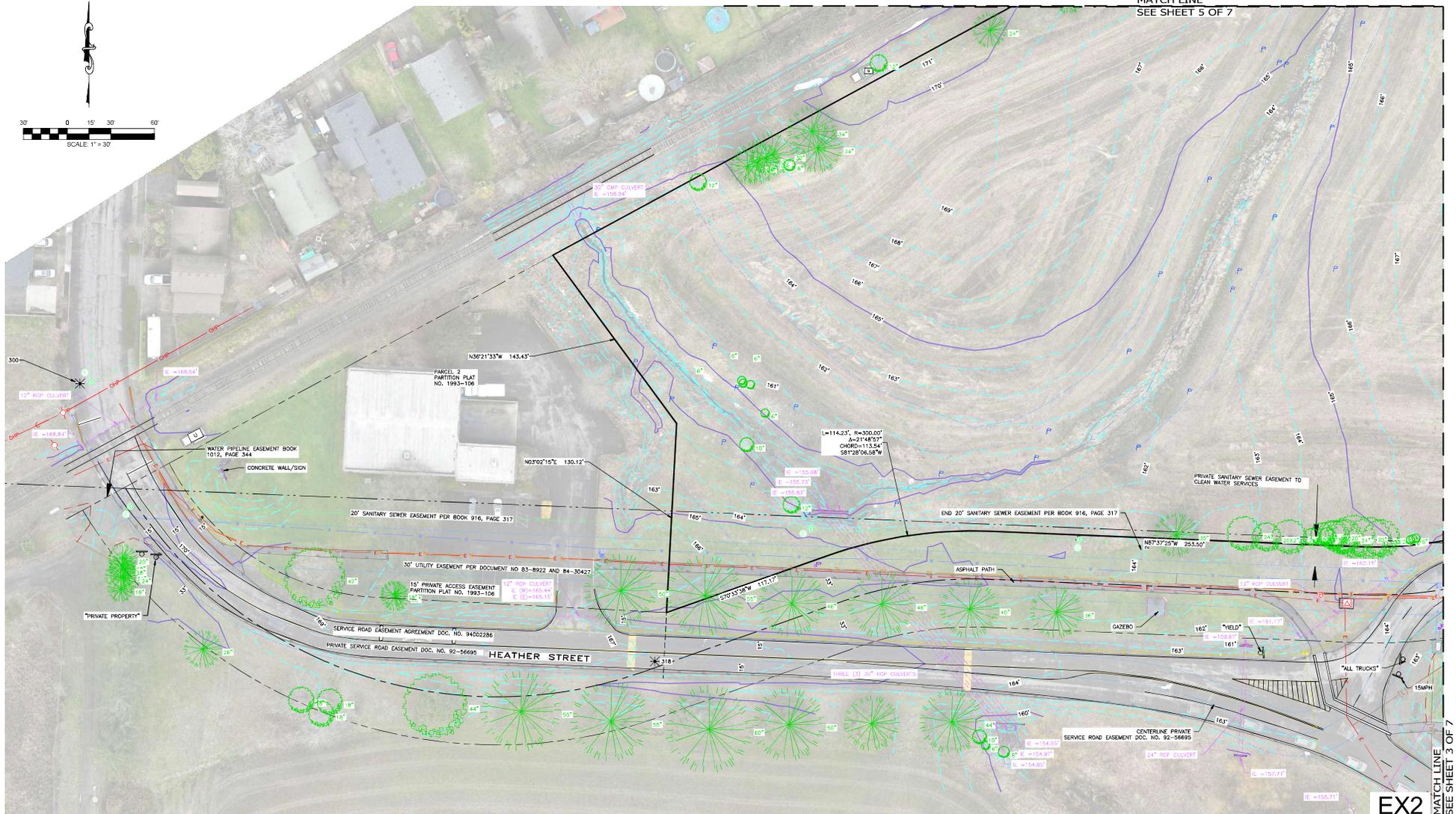
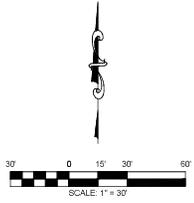
Matthew J. Falkner
SHELDON
JUNE 08, 2009
MATTHEW J. FALKNER
501263

RENEWS: 10/1/23

2358401_1000.dwg

TOPOGRAPHIC SURVEY

MATCH LINE
SEE SHEET 5 OF 7



MATCH LINE
SEE SHEET 3 OF 7

EX2

S&F Land Services
 PORTLAND, VANCOUVER, BEND, SEASIDE
 901 NW CAROLAN AVE, SUITE 3
 BEND, OR 97705
 (541) 797-0984
 WWW.SFLANDS.COM EMAIL: INFO@SFLANDS.COM

SURVEY FOR:
NAVIX ENGINEERING INC.
CRANE DATA CENTERS
 PARCEL 2 OF PARTITION PLAT 2006-056
 LOCATED IN THE NE1/4
 OF THE NW1/4 OF SECTION 5
 T 1S, R 3W, W.M., CITY OF FOREST GROVE,
 WASHINGTON COUNTY, OREGON

REGISTERED
 PROFESSIONAL
 LAND SURVEYOR

 DATE: JUNE 05, 2023
 NAME: MATTHEW J. FALKNER
 LICENSE: 26128
 RENEWS: 6/05/25

DATE	JOB NO.	FIELD	DRAWN	CHECKED
MARCH 30, 2023	2023-584-01	By/MH	DJR	MJF

2358401_1000.dwg

TOPOGRAPHIC SURVEY

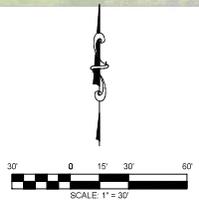
MATCH LINE
SEE SHEET 5 OF 7

MATCH LINE
SEE SHEET 6 OF 7



MATCH LINE
SEE SHEET 2 OF 7

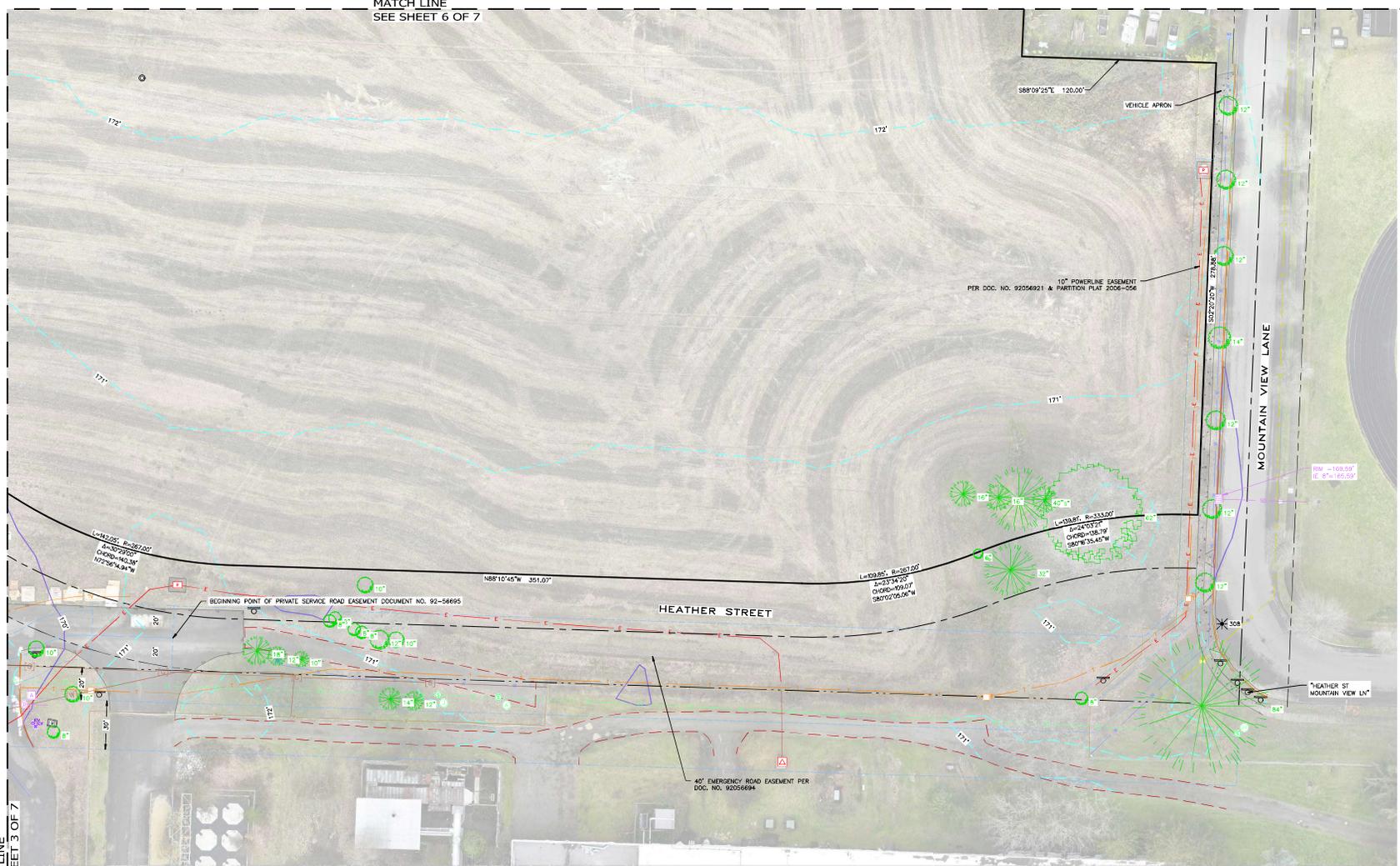
MATCH LINE
SEE SHEET 4 OF 7



EX3

<p>S&F Land Services PORTLAND, VANCOUVER, BEND, SEASIDE</p> <p>901 NW CAROLAN AVE, SUITE 3 BEND, OR 97703 (541) 797-0954</p> <p>WWW.SFLANDS.COM EMAIL: INFO@SFLANDS.COM</p>	<p>SURVEY FOR: NAVIX ENGINEERING INC. CRANE DATA CENTERS</p> <p>PARCEL 2 OF PARTITION PLAT 2006-056 LOCATED IN THE NE1/4 OF THE NW1/4 OF SECTION 5</p> <p>T 1S, R 3W, W.M., CITY OF FOREST GROVE, WASHINGTON COUNTY, OREGON</p>	<p>REGISTERED PROFESSIONAL LAND SURVEYOR</p> <p><i>Matthew J. Falkner</i></p> <p>DATE: MARCH 30, 2023 JOB NO.: 2023-584-01 FIELD BY: MH DRAWN BY: DJR CHECKED BY: MUF</p> <p>DATE: JUNE 08, 2023 BY: MATTHEW J. FALKNER REVISIONS: 01</p> <p>REVISIONS: 01/01/23</p>
	<p>2358401_Topog.dwg</p>	

TOPOGRAPHIC SURVEY



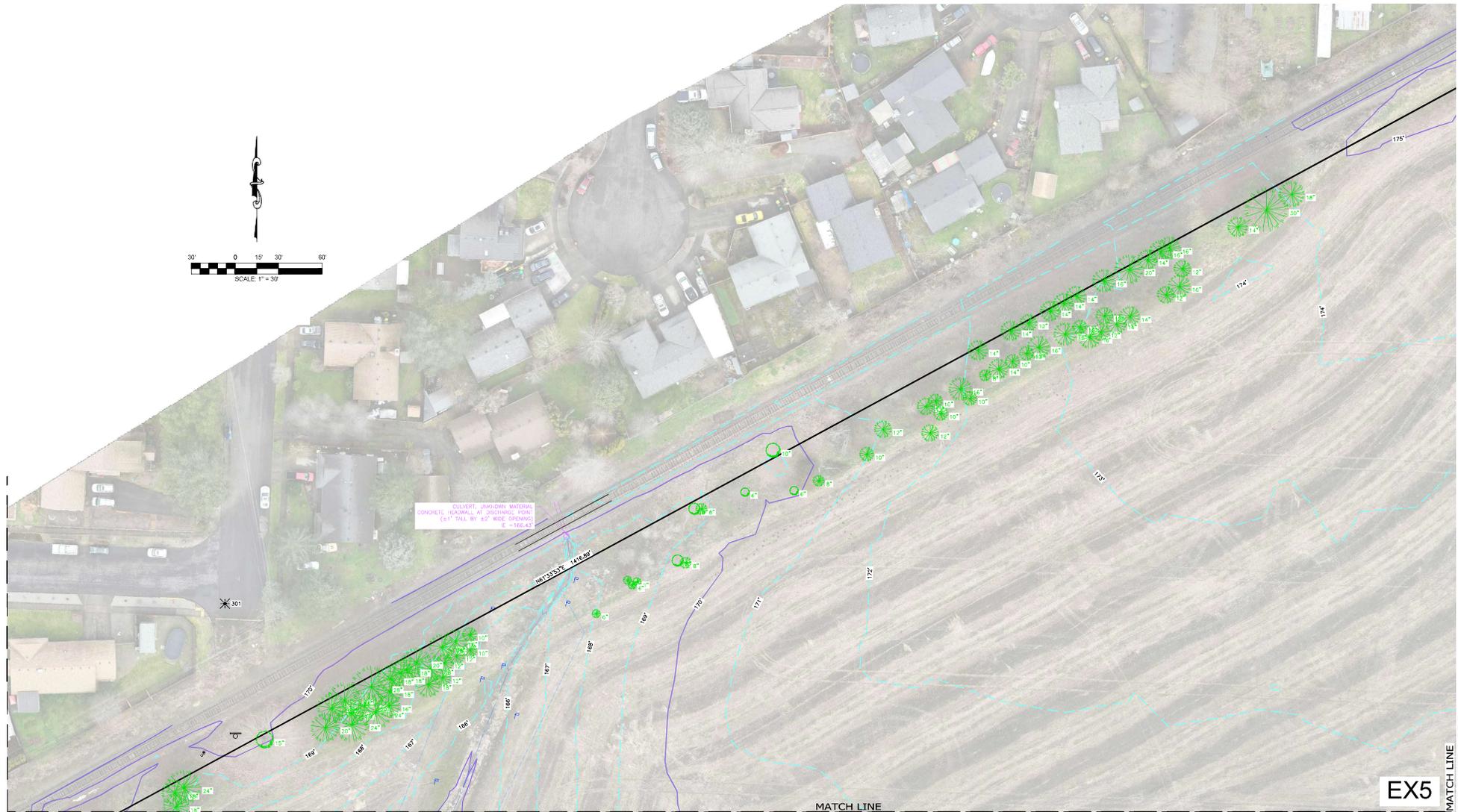
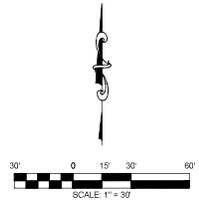
MATCH LINE
SEE SHEET 6 OF 7

MATCH LINE
SEE SHEET 3 OF 7

EX4

		SURVEY FOR: NAVIX ENGINEERING INC. CRANE DATA CENTERS		REGISTERED PROFESSIONAL LAND SURVEYOR FIELD NO. 0000 MATTHEW J. FALKNER 201563
PORTLAND, VANCOUVER, BEND, SEASIDE 801 NW CARLON AVE, SUITE 3 BEND, OR 97705 (541) 797-0854 EMAIL: INFO@SFLANDS.COM		PARCEL 2 OF PARTITION PLAT 2006-056 LOCATED IN THE NE1/4 OF THE NW1/4 OF SECTION 5 T 1S, R 3W, W.M., CITY OF FOREST GROVE, WASHINGTON COUNTY, OREGON		
WWW.SFLANDS.COM DATE: MARCH 30, 2023 JOB NO.: 2023-584-01 FIELD BY: MH	DRAWN BY: MH	CHECKED BY: MUF	2358401_1500.dwg	REVISIONS: 01/01/23

TOPOGRAPHIC SURVEY



CONVERT UNKNOWN MATERIAL
CONCRETE HEADWALL AT DISCHARGE POINT
(6x1" TALL BY 42" WIDE SPACING)
S = 166.42

MATCH LINE
SEE SHEET 3 OF 7

EX5

MATCH LINE
SEE SHEET 6 OF 7

S&F Land Services

PORTLAND, VANCOUVER, BEND, SEASIDE
801 NW CAROLAN AVE, SUITE 3
BEND, OR 97703
(541) 797-0854

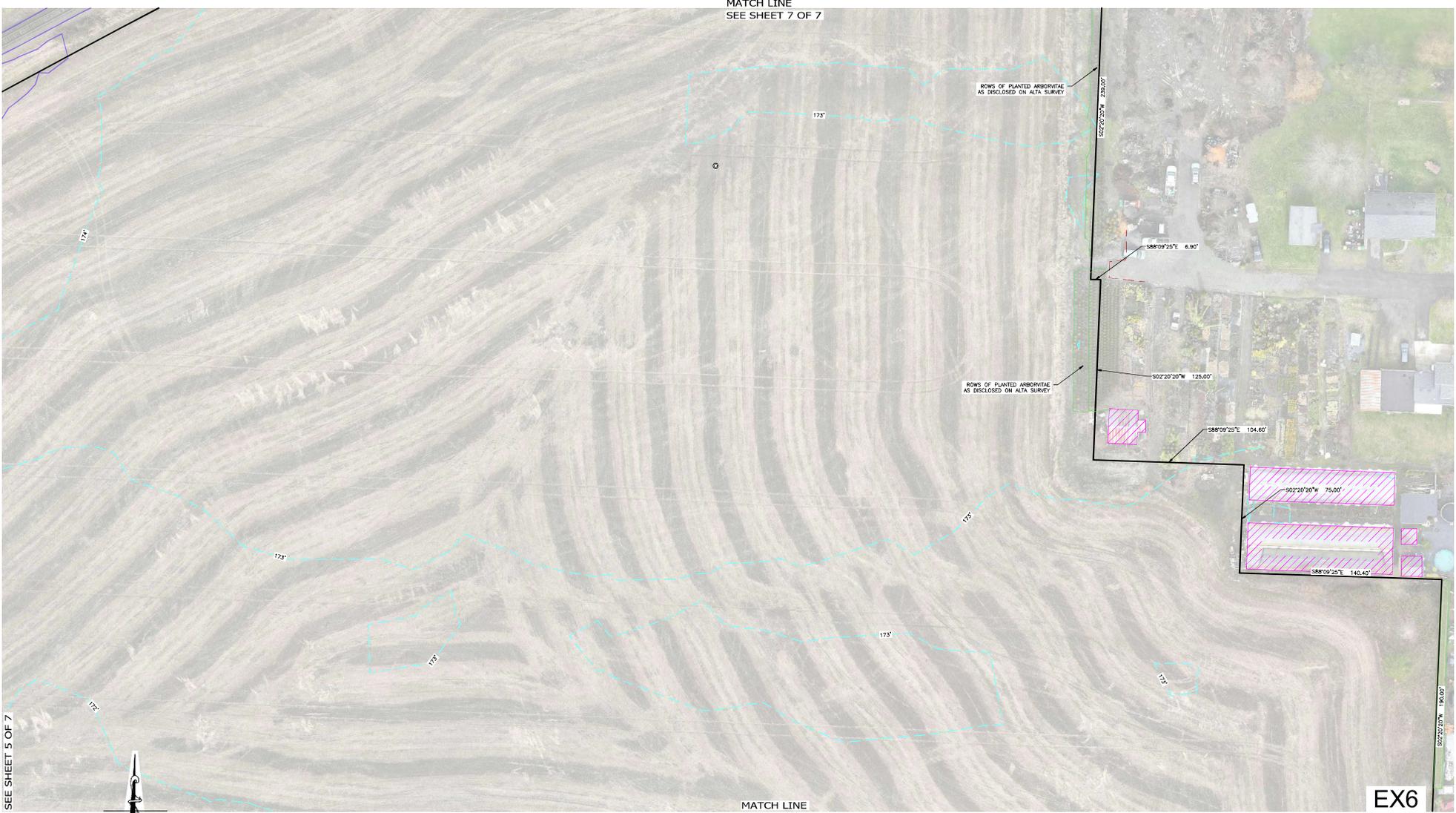
WWW.SFLANDS.COM DATE: MARCH 30, 2023 JOB NO.: 2023-584-01 FIELD: DRAWN: CHECKED: EMAIL: INFO@SFLANDS.COM

SURVEY FOR:
**NAVIX ENGINEERING INC.
CRANE DATA CENTERS**
PARCEL 2 OF PARTITION PLAT 2006-056
LOCATED IN THE NE1/4
OF THE NW1/4 OF SECTION 5
T 1S, R 3W, W.M., CITY OF FOREST GROVE,
WASHINGTON COUNTY, OREGON

REGISTERED
PROFESSIONAL
LAND SURVEYOR
Matthew J. Falkner
SFL 00107
JUNE 08, 2009
MATTHEW J. FALKNER
2501253
RENEWS: 03/01/23

2358401_Topog.dwg

TOPOGRAPHIC SURVEY



MATCH LINE
SEE SHEET 5 OF 7

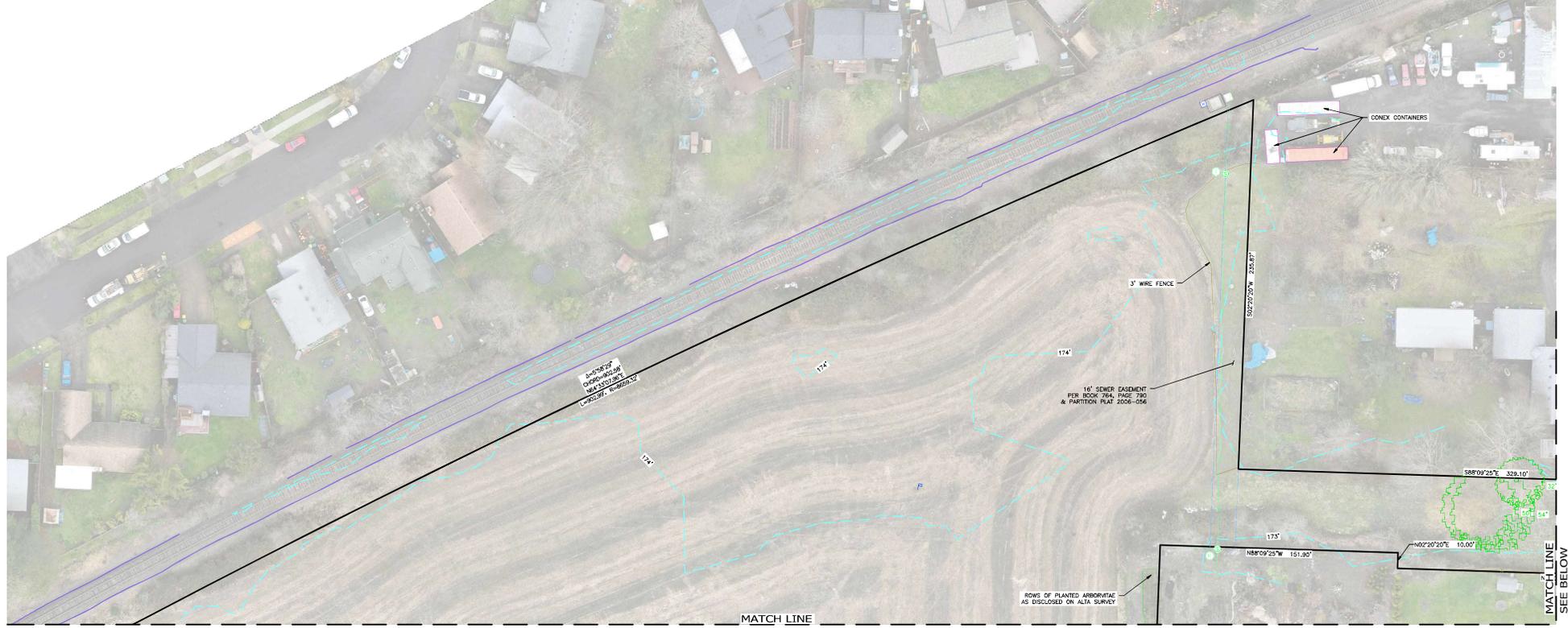
MATCH LINE
SEE SHEET 5 OF 7

EX6



					REGISTERED PROFESSIONAL LAND SURVEYOR
PORTLAND, VANCOUVER, BEND, SEASIDE 901 NE CAROLAN AVE, SUITE 3 BEND, OR 97703 (541) 797-0954 EMAIL: INFO@SFLANDS.COM					
WWW.SFLANDS.COM DATE: MARCH 30, 2023 2358401_1500.dwg	JOB NO.: 2023-584-01	FIELD: By/MH	DRAWN: DJR	CHECKED: MUF	SURVEY FOR: NAVIX ENGINEERING INC. CRANE DATA CENTERS PARCEL 2 OF PARTITION PLAT 2006-056 LOCATED IN THE NE1/4 OF THE NW1/4 OF SECTION 5 T 1S, R 3W, W.M., CITY OF FOREST GROVE, WASHINGTON COUNTY, OREGON

TOPOGRAPHIC SURVEY



MATCH LINE
SEE SHEET 6 OF 7

MATCH LINE
SEE BELOW

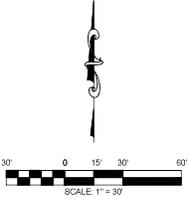
SEWER STRUCTURE TABLE

① SAN MH RIM	170.437
② 24" RCP IN (E)	162.541
③ 24" RCP OUT (W)	162.311
④ SAN MH RIM	166.738
⑤ 30" RCP IN (E)	160.889
⑥ 30" RCP OUT (W)	160.857
⑦ SAN MH RIM	165.527
⑧ 30" RCP IN (E)	160.028
⑨ 30" RCP OUT (W)	159.987
⑩ SAN MH RIM	165.327
⑪ 30" RCP IN (E)	159.027
⑫ 30" RCP OUT (W)	158.987
⑬ SAN MH RIM	170.46
⑭ 30" RCP IN (E)	158.225
⑮ 30" RCP OUT (W)	158.111
⑯ SAN MH RIM	170.607
⑰ 18" RCP IN (N)	158.32
⑱ 24" RCP IN (E)	158.284
⑲ 24" RCP OUT (W)	159.12
⑳ SAN MH RIM	167.811
UNABLE TO ACCESS (LOCATES INDICATE 30" PIPE)	
㉑ SAN MH RIM	170.84
UNABLE TO ACCESS	
㉒ SAN MH RIM	174.211
㉓ 10" PVC IN (E)	164.238
㉔ 12" PVC IN (E)	164.411
㉕ 12" PVC OUT (N)	164.06
㉖ STM MH RIM	170.85
㉗ 24" RCP IN (E)	161.85
㉘ 30" RCP OUT (W)	161.85
㉙ SAN MH RIM	173.25
㉚ 12" PVC IN (E)	164.285
㉛ 12" PVC IN (W)	165.15
㉜ 12" PVC OUT (W)	164.711

STORM STRUCTURE TABLE

① STM MH RIM	189.117
② 24" RCP IN (E)	182.485
③ 8" PVC IN (SE)	182.437
④ 18" RCP IN (E)	182.491
⑤ 18" RCP IN (E)	161.327
⑥ 18" RCP OUT (W)	161.211
⑦ STM MH RIM	187.837
⑧ 6" DI OUT (SE)	185.337
⑨ STM MH RIM	167.711
⑩ 18" PVC IN (E)	159.811
⑪ 24" RCP OUT (W)	159.447
⑫ STM MH RIM	166.887
⑬ 18" PVC IN (SE)	158.387
⑭ 24" RCP IN (E)	158.047
⑮ 30" RCP OUT (W)	157.837
⑯ STM MH RIM	185.217
⑰ 30" RCP IN (E)	157.151
⑱ 30" RCP OUT (SW)	156.447

NOTE: ① INDICATES PIPE SIZE NOT DISCOVERED AND IS ASSUMED BASED ON OBSERVABLE CONNECTING STRUCTURES.



EX7

S&F Land Services
 PORTLAND, VANCOUVER, BEND, SEASIDE
 811 NW CAROLAN AVE, SUITE 3
 BEND, OR 97703
 (541) 797-0854
 WWW.SFLANDS.COM DATE: MARCH 30, 2023 JOB NO.: 2023-584-01 FIELD: DRAWN: CHECKED: EMAIL: INFO@SFLANDS.COM

SURVEY FOR:
NAVIX ENGINEERING INC.
CRANE DATA CENTERS
 PARCEL 2 OF PARTITION PLAT 2006-056
 LOCATED IN THE NE1/4
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 T 1S, R 3W, W.M., CITY OF FOREST GROVE,
 WASHINGTON COUNTY, OREGON

REGISTERED
 PROFESSIONAL
 LAND SURVEYOR
 MATHIEW J. HARKNER
 26105
 RENEWS: 10/1/23