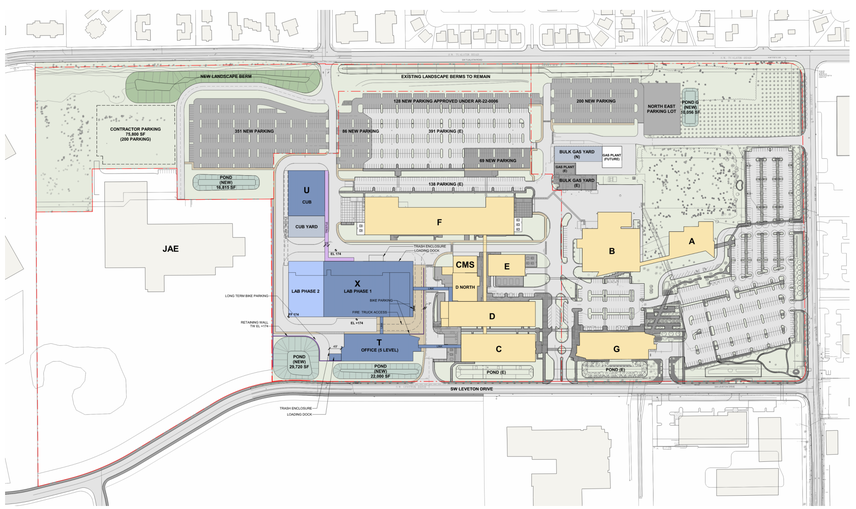

PROJECT CONTACTS

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PHONE: 971.346.3693
EMAIL: STuttle@mcknze.com

DRAWING INDEX - ARCHITECTURAL REVIEW

Z00-0000 TITLE SHEET AND DRAWING INDEX

ARCHITECTURAL DRAWINGS - AR

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ZA0-0002 SITE MASTER PLAN - PHASE II
XA0-0001 EXTERIOR ELEVATIONS - BUILDING X
XA0-0002 EXTERIOR ELEVATIONS - BUILDING X
XA0-0003 MATERIALITY - BUILDING X
XA0-0004 ENLARGED PLAN - BUILDING X
UA0-0005 EXTERIOR ELEVATIONS - BUILDING U
TA0-0006 EXTERIOR ELEVATIONS - BUILDING T
TA0.0007 MATERIALITY - BUILDING T
TA0.0008 ENLARGED PLAN - BUILDING T
SA0-0009 PROPERTY LINE ADJUSTMENT

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SCI-0600 DEMOLITION OVERALL PLAN
SCI-06A0 DEMOLITION SECTOR A0 PLAN
SCI-06B0 DEMOLITION SECTOR B0 PLAN
SCI-06C0 DEMOLITION SECTOR C0 PLAN
SCI-06D0 DEMOLITION SECTOR D0 PLAN
SCI-06E0 DEMOLITION SECTOR E0 PLAN
SCI-06F0 DEMOLITION SECTOR F0 PLAN
SCI-0800 UNDERGROUND UTILITIES OVERALL PLAN
SCI-08A0 UNDERGROUND UTILITIES SECTOR A0 PLAN
SCI-08B0 UNDERGROUND UTILITIES SECTOR B0 PLAN
SCI-08C0 UNDERGROUND UTILITIES SECTOR C0 PLAN
SCI-08D0 UNDERGROUND UTILITIES SECTOR D0 PLAN
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SCI-1000 GRADING OVERALL PLAN
SCI-10A0 GRADING SECTOR A0 PLAN
SCI-10B0 GRADING SECTOR B0 PLAN
SCI-10C0 GRADING SECTOR C0 PLAN
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SCI-10E0 GRADING SECTOR E0 PLAN
SCI-10F0 GRADING SECTOR F0 PLAN
SCI-1100 SITE IMPROVEMENTS OVERALL PLAN
SCI-1100 SITE IMPROVEMENTS OVERALL PLAN - AERIAL
SCI-11A0 SITE IMPROVEMENTS SECTOR A0 PLAN
SCI-11B0 SITE IMPROVEMENTS SECTOR B0 PLAN
SCI-11C0 SITE IMPROVEMENTS SECTOR C0 PLAN
SCI-11D0 SITE IMPROVEMENTS SECTOR D0 PLAN
SCI-11E0 SITE IMPROVEMENTS SECTOR E0 PLAN
SCI-11F0 SITE IMPROVEMENTS SECTOR F0 PLAN

LANDSCAPE DRAWINGS - AR

SLA-1600 LANDSCAPE KEY PLAN AND GENERAL NOTES
SLA-16A0 PLANTING PLAN
SLA-16B0 PLANTING PLAN
SLA-16C0 PLANTING PLAN
SLA-16D0 PLANTING PLAN
SLA-16E0 PLANTING PLAN
SLA-16F0 PLANTING PLAN

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JACOBS PROJECT No.: D3822800
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DESIGNED:
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NO	REVISION OR ISSUE	DATE	BY

ARCHITECTURAL REVIEW
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Lam RESEARCH
Lam Research Corporation
4400 CUSHING PARKWAY
FREMONT, CA 94538

TITLE:
TITLE SHEET AND DRAWING INDEX

DATE ISSUED: 07.08.2024
DRAWING SCALE:
REVIT FILE:
BUILDING DESIGNATOR:

DRAWING NUMBER:
Z00-0000

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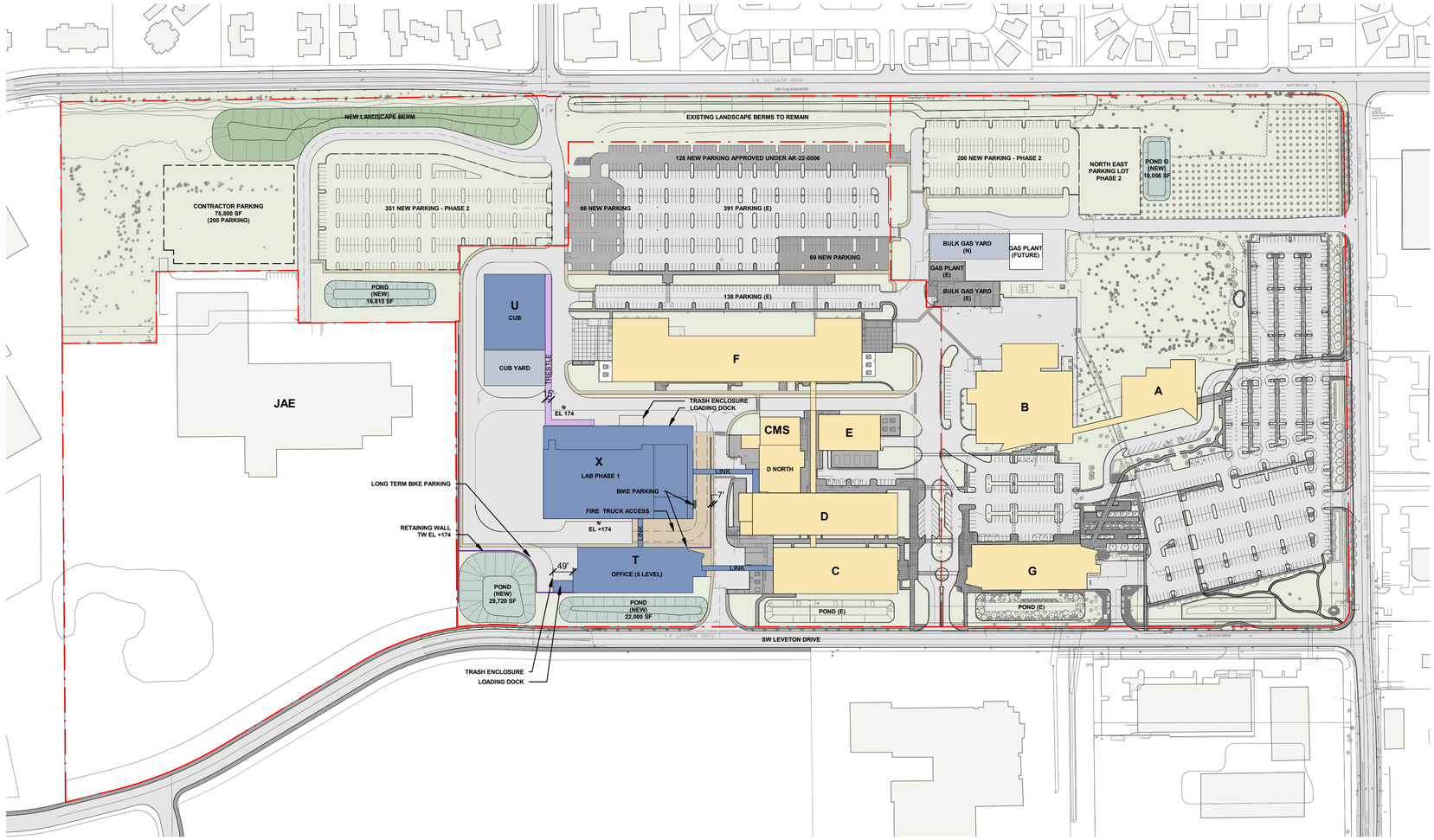

LEGEND

- EXISTING BUILDINGS
- NEW BUILDINGS (143,100 SF FLOOR PLATE)
- NEW BUILDINGS PHASE 2 (32,500 SF FP)
- NEW YARDS
- NEW TRESTLE
- NEW PEDESTRIAN
- ROADS
- DETENTION POND
- RETAINING WALL
- PROPERTY LINES
- PARKING (TOTAL: 1,635 STALLS)
  - EXISTING: 1,352
  - NEW: 283

TOTAL LAM CAMPUS SITE AREA: 73.17 ACRES

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JACOBS PROJECT No.: D3822800
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Lam RESEARCH
Lam Research Corporation
4400 CUSHING PARKWAY
FREMONT, CA 94538

TITLE:

SITE MASTER PLAN - PHASE I

DATE ISSUED: 07.08.2024
DRAWING SCALE: 1" = 160'-0"
REVIT FILE:
BUILDING DESIGNATOR:

DRAWING NUMBER:

ZA0-0001

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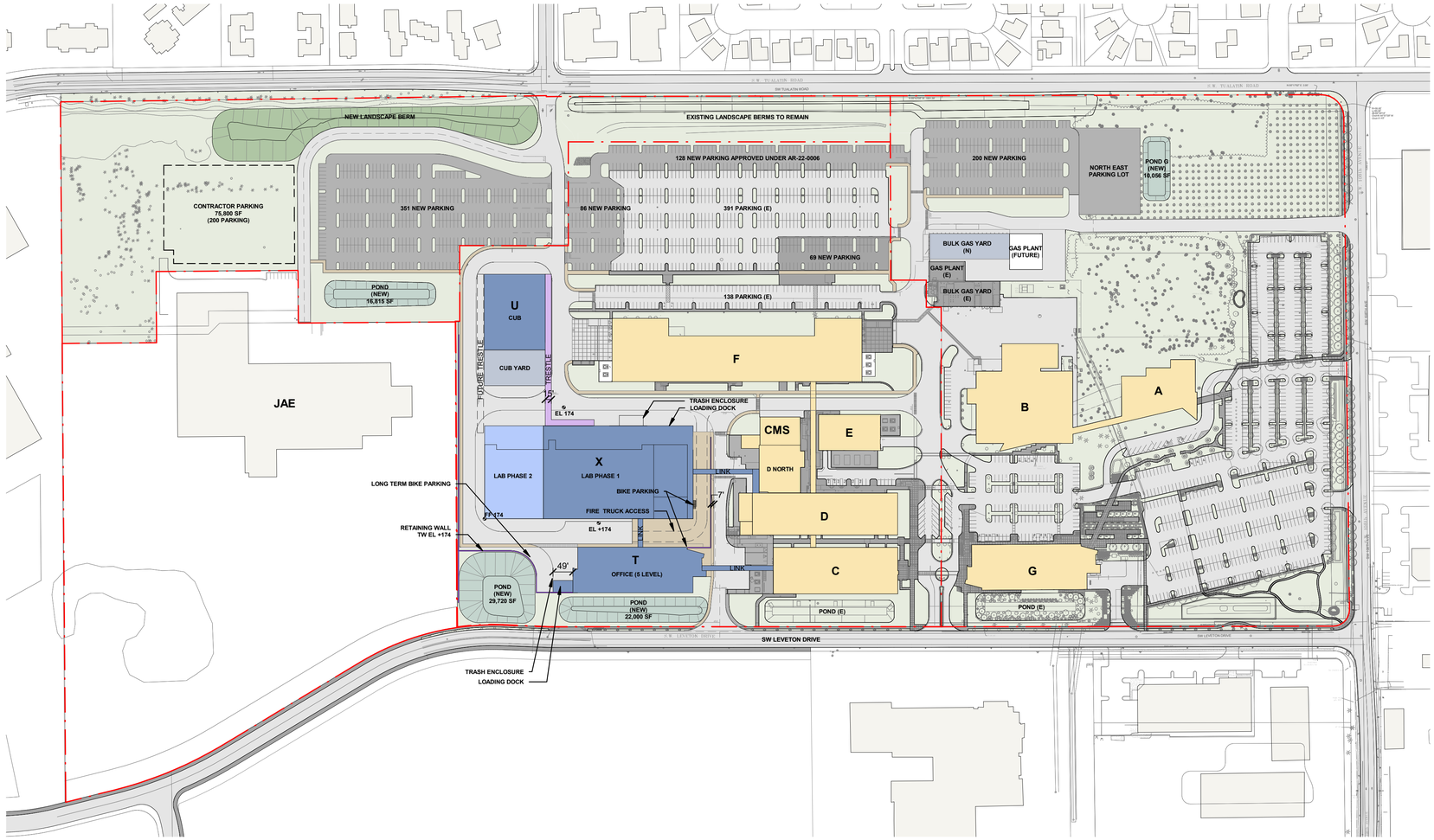

LEGEND

- EXISTING BUILDINGS
- NEW BUILDINGS (143,100 SF FLOOR PLATE)
- NEW BUILDINGS PHASE 2 (32,500 SF FP)
- NEW YARDS
- NEW TRESTLE
- NEW PEDESTRIAN
- ROADS
- DETENTION POND
- RETAINING WALL
- PROPERTY LINES
- PARKING (TOTAL: 2,186 STALLS)
  - EXISTING: 1,352
  - NEW: 834

TOTAL LAM CAMPUS SITE AREA: 73.17 ACRES

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Portland, Oregon 97201

JACOBS PROJECT No.: D3822800
CLIENT PROJECT No.:
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Lam RESEARCH
Lam Research Corporation
4400 CUSHING PARKWAY
FREMONT, CA 94538

TITLE:

SITE MASTER PLAN - PHASE II

DATE ISSUED: 07.08.2024
DRAWING SCALE: 1" = 160'-0"
REVIT FILE:
BUILDING DESIGNATOR:

DRAWING NUMBER:

ZA0-0002

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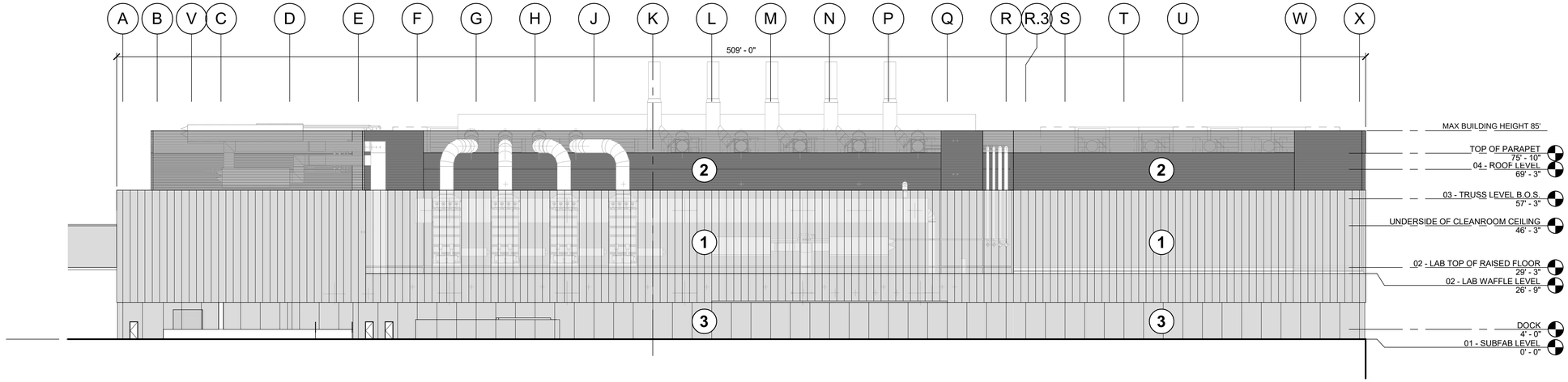
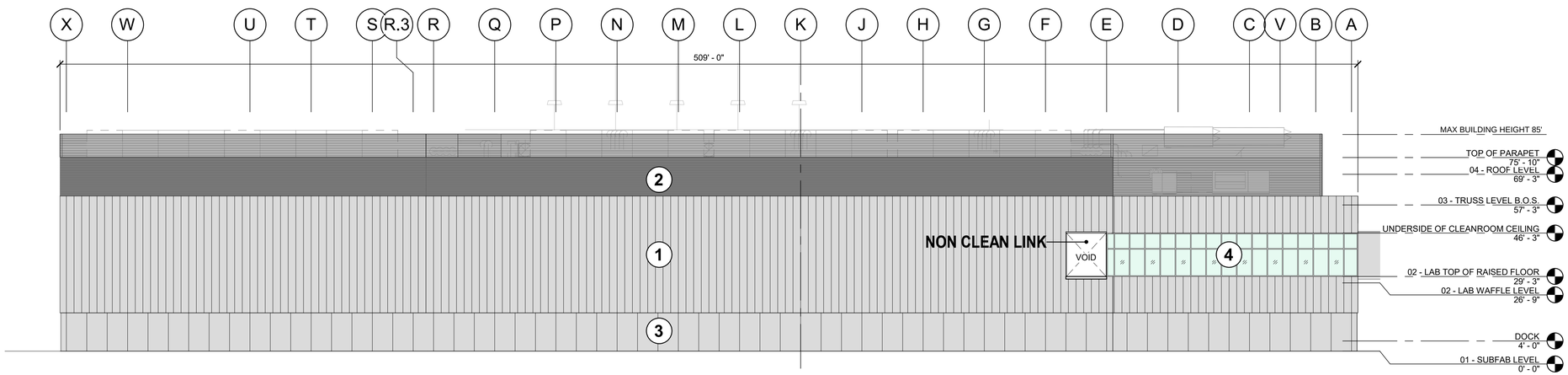


1 NORTH OVERALL ELEVATION - TUX

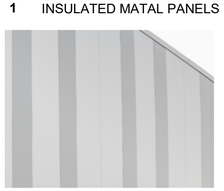
1" = 25'-0"



2 SOUTH OVERALL ELEVATION - TUX

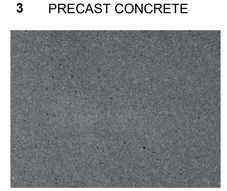
1" = 25'-0"

1 INSULATED MATAL PANELS



2 LOUVER SCREEN WALL

3 PRECAST CONCRETE



4 STOREFRONT / CURTAIN WALL GLAZING SYSTEM

NORTH

BAR IS ONE INCH ON ORIGINAL DRAWING

0 1"

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Lam RESEARCH

Lam Research Corporation
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FREMONT, CA 94538

TITLE:

EXTERIOR ELEVATIONS
BUILDING - X

DATE ISSUED: 07.01.2024

DRAWING SCALE: 1:300

REVIT FILE:

BUILDING DESIGNATOR:

DRAWING NUMBER:

XA0-0001

DATE: 7/1/2024 11:37:35 AM

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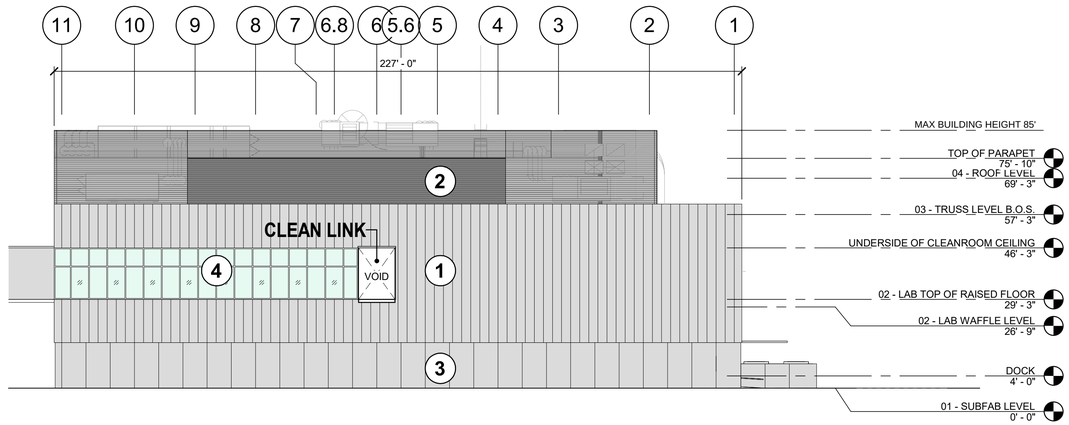
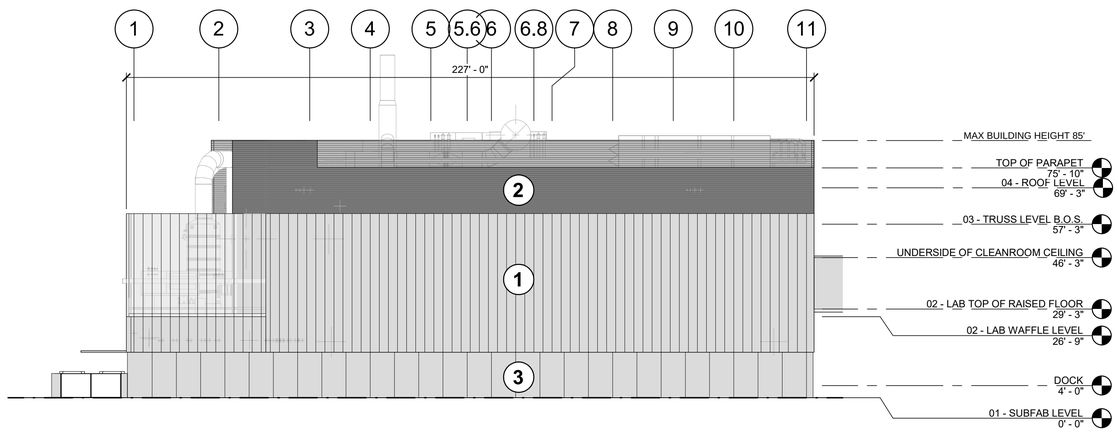


1 EAST OVERALL ELEVATION - TUX

1" = 25'-0"



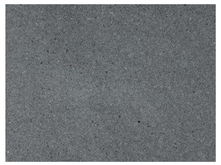
2 WEST OVERALL ELEVATION - TUX

1 : 300

1 INSULATED MATAL PANELS

2 LOUVER SCREEN WALL

3 PRECAST CONCRETE



4 STOREFRONT / CURTAIN WALL GLAZING SYSTEM

NORTH

BAR IS ONE INCH ON ORIGINAL DRAWING

0 1"

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FREMONT, CA 94538

TITLE:

EXTERIOR ELEVATIONS
BUILDING - X

DATE ISSUED: 07.01.2024

DRAWING SCALE: 1:300

REVIT FILE:

BUILDING DESIGNATOR:

DRAWING NUMBER:

XA0-0002

PATH: Autodesk Docs://US OR, D3822800, LAM Research - OR2, Quad1 Expansion/100-LAM-XU-Model.rvt

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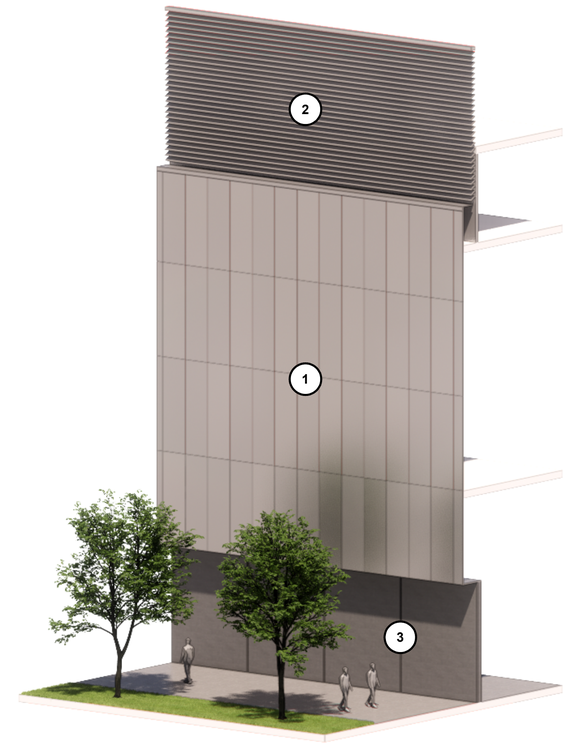
VIEW - SE CORNER OF BUILDING X - LAB

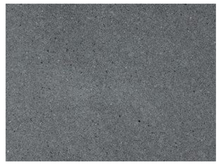


TYPICAL WALL SECTION/ELEVATION

1 INSULATED METAL PANELS

2 METAL LOUVER SCREEN WALL

3 PRECAST CONCRETE



4 STOREFRONT / CURTAIN WALL GLAZING SYSTEM

NORTH

BAR IS ONE INCH ON ORIGINAL DRAWING

0 1"

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4400 CUSHING PARKWAY
FREMONT, CA 94538

TITLE:

MATERIALITY
BUILDING - X

DATE ISSUED: 07.01.2024

DRAWING SCALE:

REVIT FILE:

BUILDING DESIGNATOR:

DRAWING NUMBER:

XA0-0003

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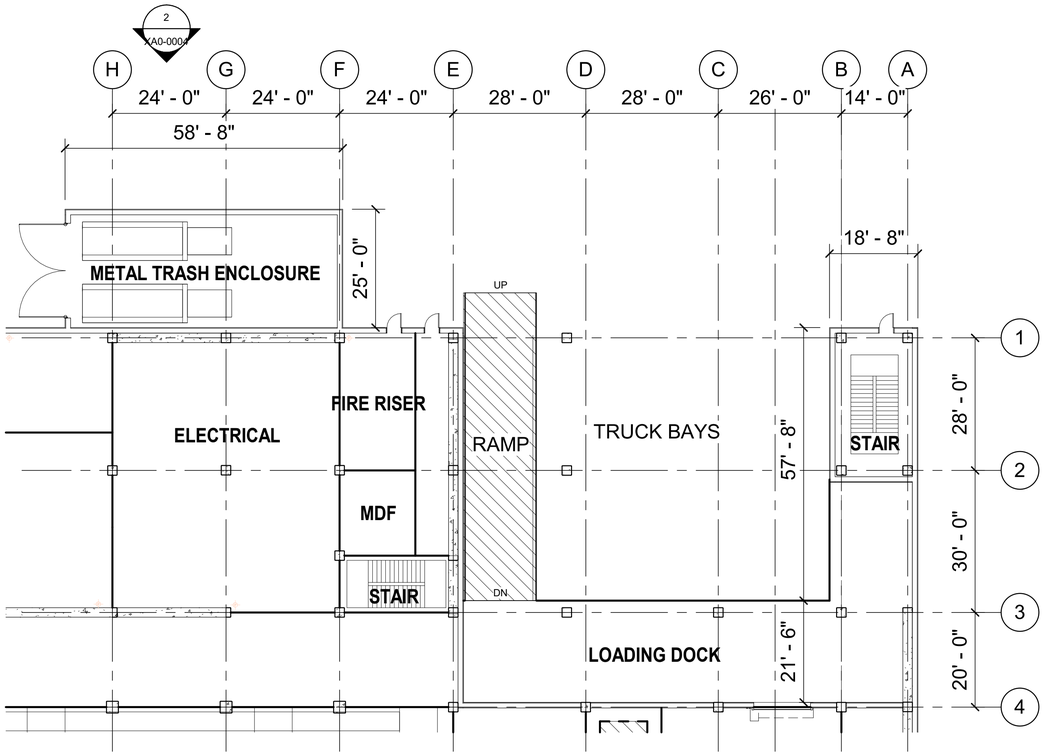
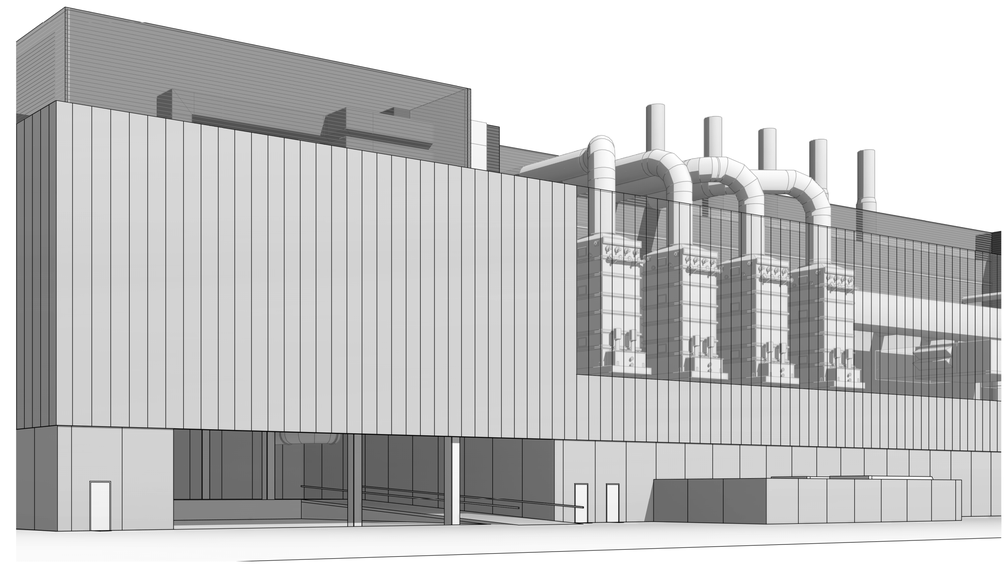
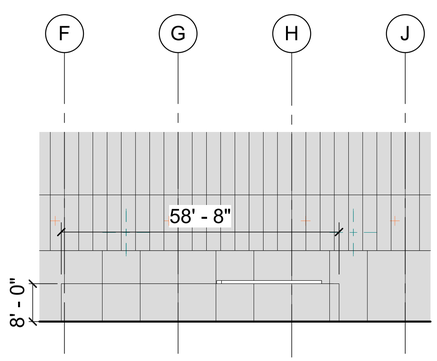


1 ENLARGED DOCK PLAN

1/16" = 1'-0"

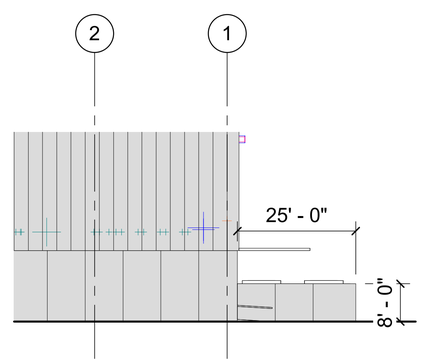


- LOADING DOCK PERSPECTIVE



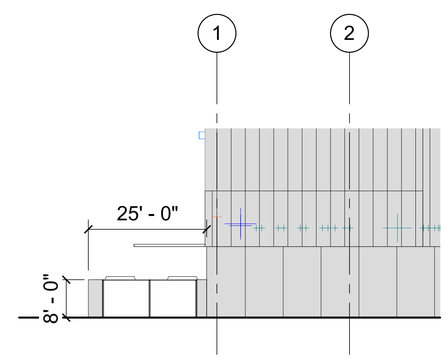
2 TRASH ENCLOSURE ELEVATION - NORTH

1/16" = 1'-0"



3 TRASH ENCLOSURE ELEVATION - EAST

1/16" = 1'-0"



4 TRASH ENCLOSURE ELEVATION - WEST

1/16" = 1'-0"

NORTH

BAR IS ONE INCH ON ORIGINAL DRAWING

0 1"

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TITLE:

ENLARGED PLAN
BUILDING - X

DATE ISSUED: 07.01.2024

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

REVIT FILE:

BUILDING DESIGNATOR:

DRAWING NUMBER:

XA0-0004

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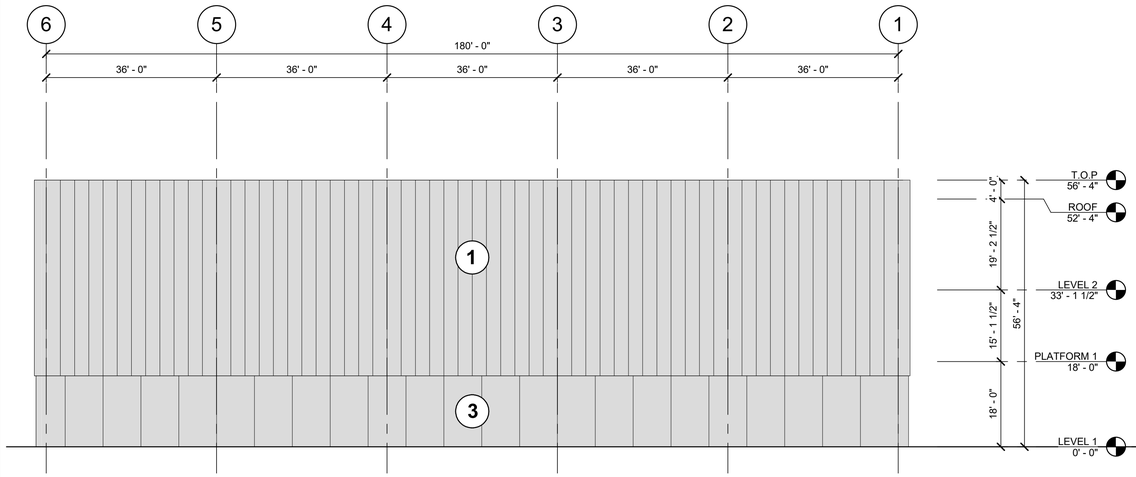
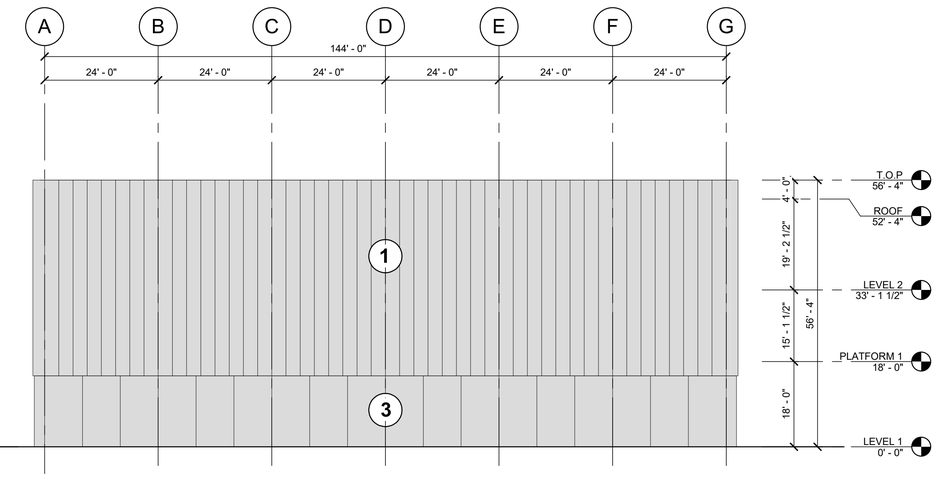


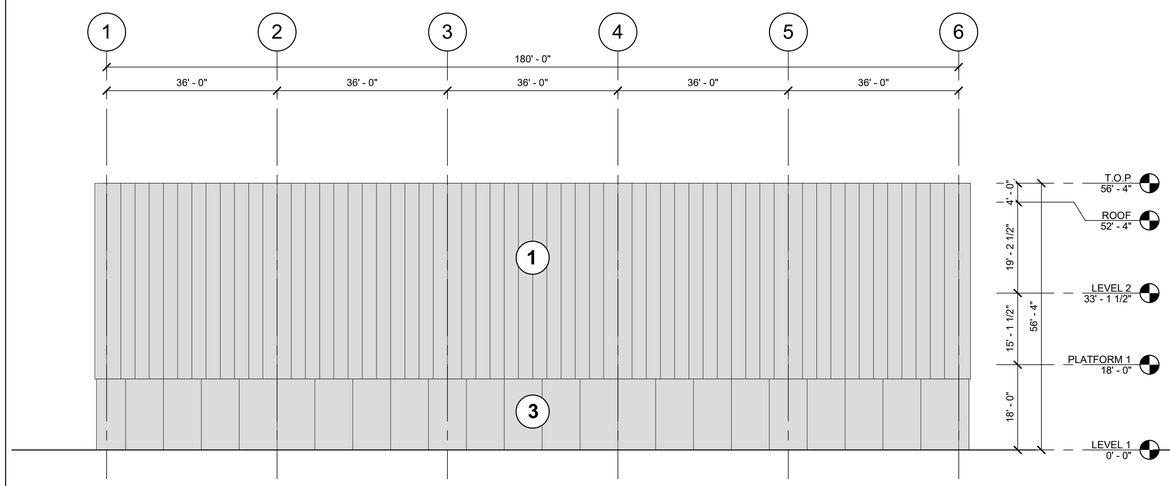
3 EAST ELEVATION - CUB

1/16" = 1'-0"



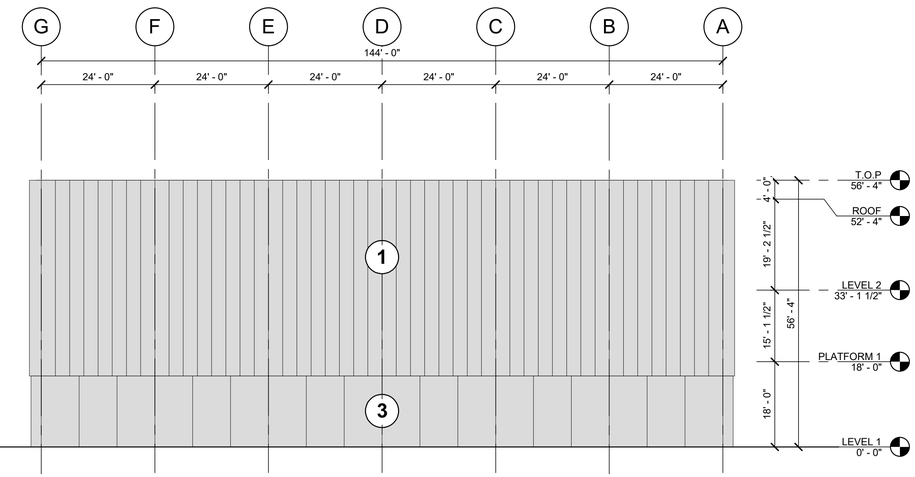
1 NORTH ELEVATION - CUB

1/16" = 1'-0"



4 WEST ELEVATION - CUB

1/16" = 1'-0"



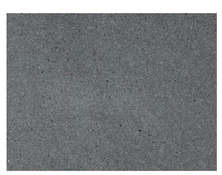
2 SOUTH ELEVATION - CUB

1/16" = 1'-0"

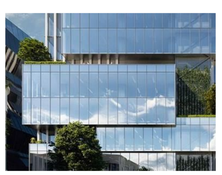
1 INSULATED METAL PANELS

2 LOUVER SCREEN WALL

3 PRECAST CONCRETE



4 STOREFRONT / CURTAIN WALL GLAZING SYSTEM



NORTH

BAR IS ONE INCH ON ORIGINAL DRAWING

0 1"

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Portland Office
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Portland, Oregon 97201

JACOBS PROJECT No.: D3822800

CLIENT PROJECT No.:

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REVIEWED:

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NO	REVISION OR ISSUE	DATE	BY

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Lam RESEARCH

Lam Research Corporation
4400 CUSHING PARKWAY
FREMONT, CA 94538

TITLE:

EXTERIOR ELEVATIONS
BUILDING - U

DATE ISSUED: 07.01.2024

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

REVIT FILE:

BUILDING DESIGNATOR:

DRAWING NUMBER:

UA0-0005

PATH: Autodesk Docs://US GR, D3822800 Lam Research Option Development/Building U/UA0-0005_Building U.rvt

DATE: 7/1/2024 9:48:40 AM

1 A2.10 SOUTH ELEVATION
1/16" = 1'-0"

2 A2.10 NORTH ELEVATION
1/16" = 1'-0"

3 A2.10 EAST ELEVATION
1/16" = 1'-0"

4 A2.10 WEST ELEVATION
1/16" = 1'-0"

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Project
LAM - BLDG T LAB/OFFICE

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REVISION SCHEDULE

Delta	Issued As	Issue Date

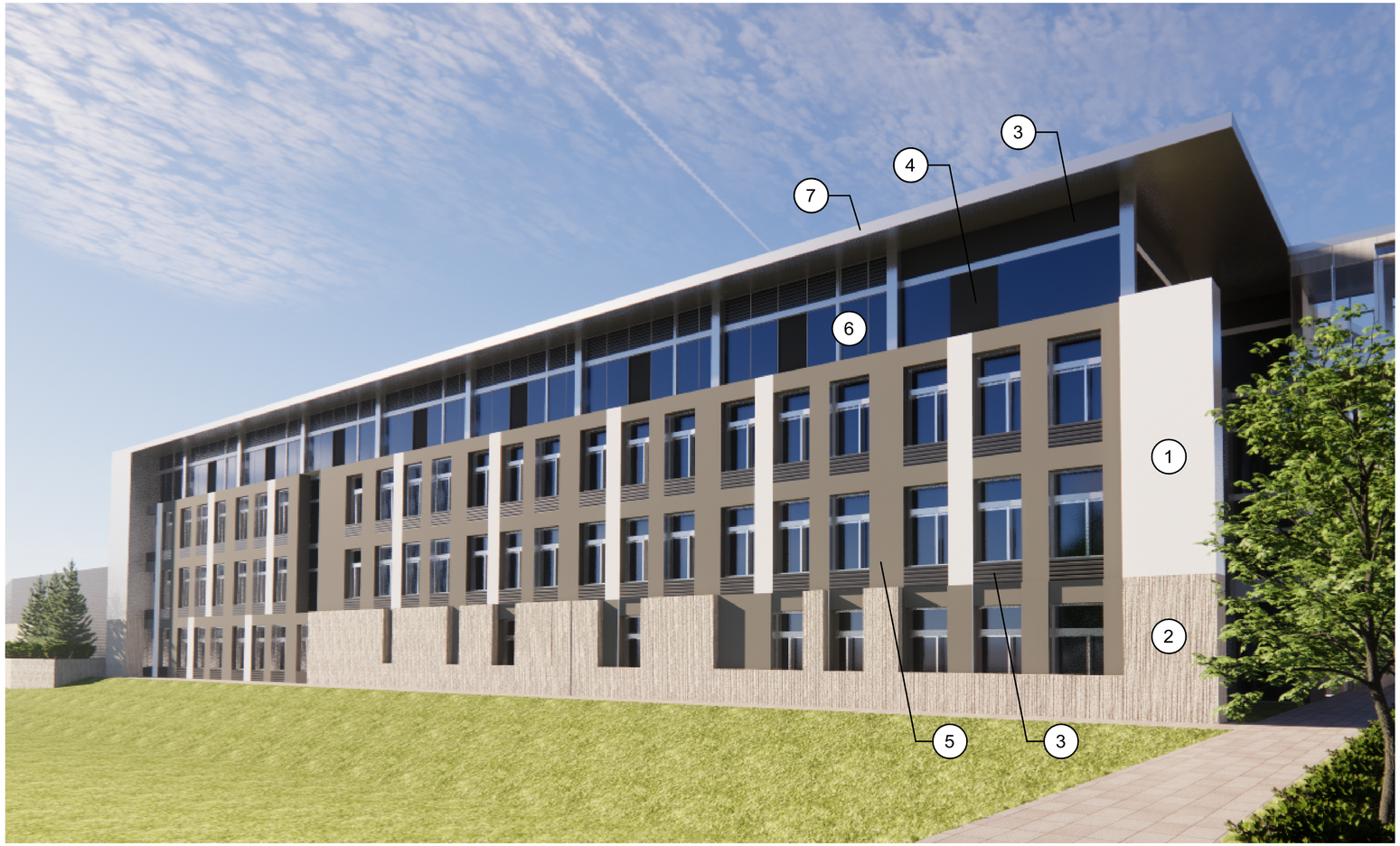
SHEET TITLE:
EXTERIOR ELEVATIONS - BUILDING T

SHEET
TA0.0006

JOB NO. **2230377.00**

ARCHITECTURAL REVIEW 07/01/24

Autodesk Docs://Lam Research - Building T/377- LAM BLDG T-V23-A.rvt 6/27/2024 1:17:51 PM 1/16" = 1'-0"



1 INSULATED METAL PANEL - SMOOTH
KINGSPAN OPTIMO
MATCH SHERWIN WILLIAMS - SNOWBOUND

2 PRESTRESS THIN CONCRETE PANEL
RAINSCREEN
ARCIS CREAM FOSSIL

3 INSULATED METAL PANEL - RIBBED
KINGSPAN MINI-WAVE
MATCH SHERWIN WILLAIMS - PEPPERCORN

4 GLAZING INFILL PANEL
CITADEL GLAZEGUARD 1000 WR+ OR EQUAL
ZINC GRAY - KYNAR #432R1020, MATCH KINGSPAN IMP

5 INSULATED METAL PANEL - SMOOTH
KINGSPAN OPTIMO
ZINC GRAY - KYNAR #432R1020

6 STOREFRONT - CLEAR ANODIZED

7 INSULATED METAL PANEL - SMOOTH
KINGSPAN OPTIMO
SILVERSMITH - MATCH COOL SILVERSMITH

FROM AEP SPAN, DURA TECH mx PVDF
PEARLESCENT PAINT SYSTEM

ARCHITECTURAL REVIEW 07/01/24

Autodesk Docs://Lam Research - Building T/377- LAM BLDG T-V23-A.rvt 7/1/2024 12:58:58 PM 1/4" = 1'-0"

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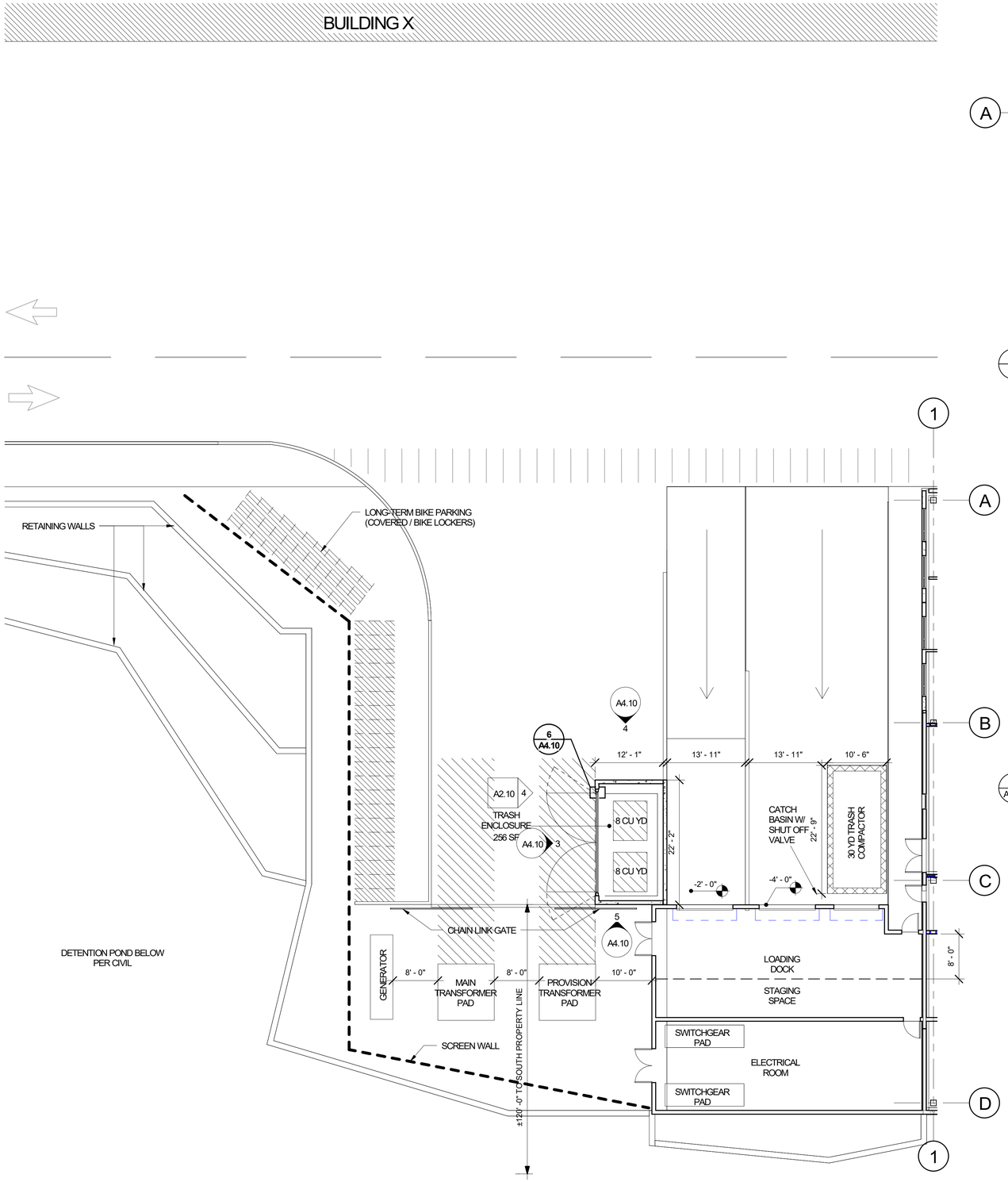
REVISION SCHEDULE

Delta	Issued As	Issue Date

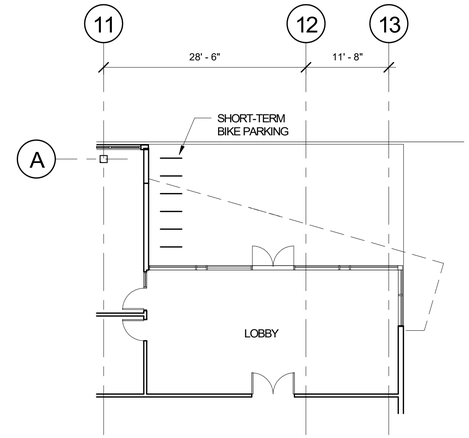
SHEET TITLE:
MATERIALITY - BUILDING T

SHEET
TA0.0007

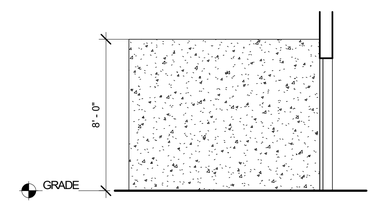
JOB NO. **2230377.00**



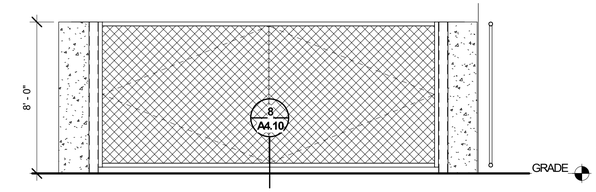
1 A4.10 ENLARGED DOCK AREA
3/32" = 1'-0"



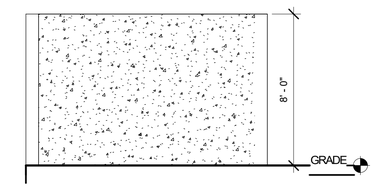
2 A4.10 ENTRY BIKE PARKING
3/32" = 1'-0"



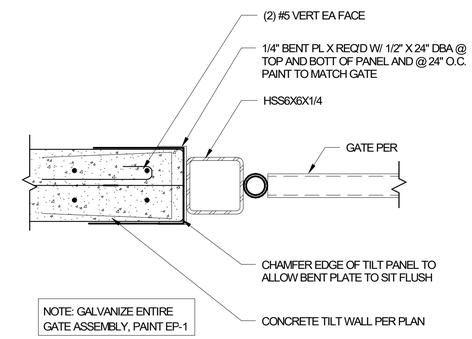
5 A4.10 TRASH ENCLOSURE ELEVATION
1/4" = 1'-0"



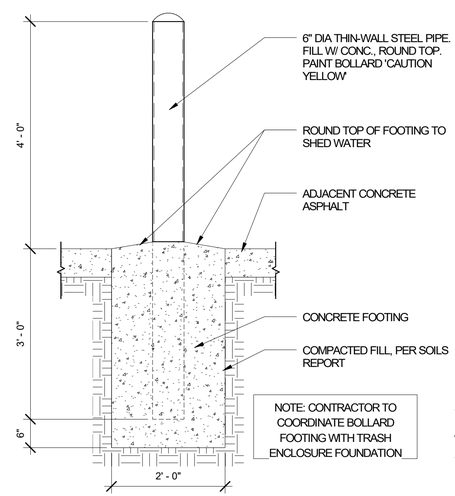
3 A4.10 TRASH ENCLOSURE ELEVATION
1/4" = 1'-0"



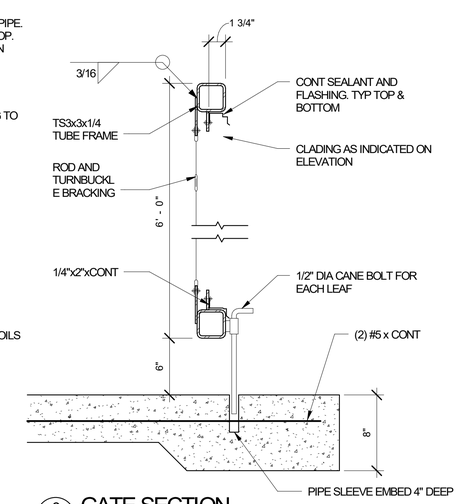
4 A4.10 TRASH ENCLOSURE ELEVATION
1/4" = 1'-0"



6 A4.10 GATE HINGE DETAIL
1 1/2" = 1'-0"



7 A4.10 BOLLARD DETAIL
3/4" = 1'-0"



8 A4.10 GATE SECTION
1 1/2" = 1'-0"

ARCHITECTURAL REVIEW 07/01/24

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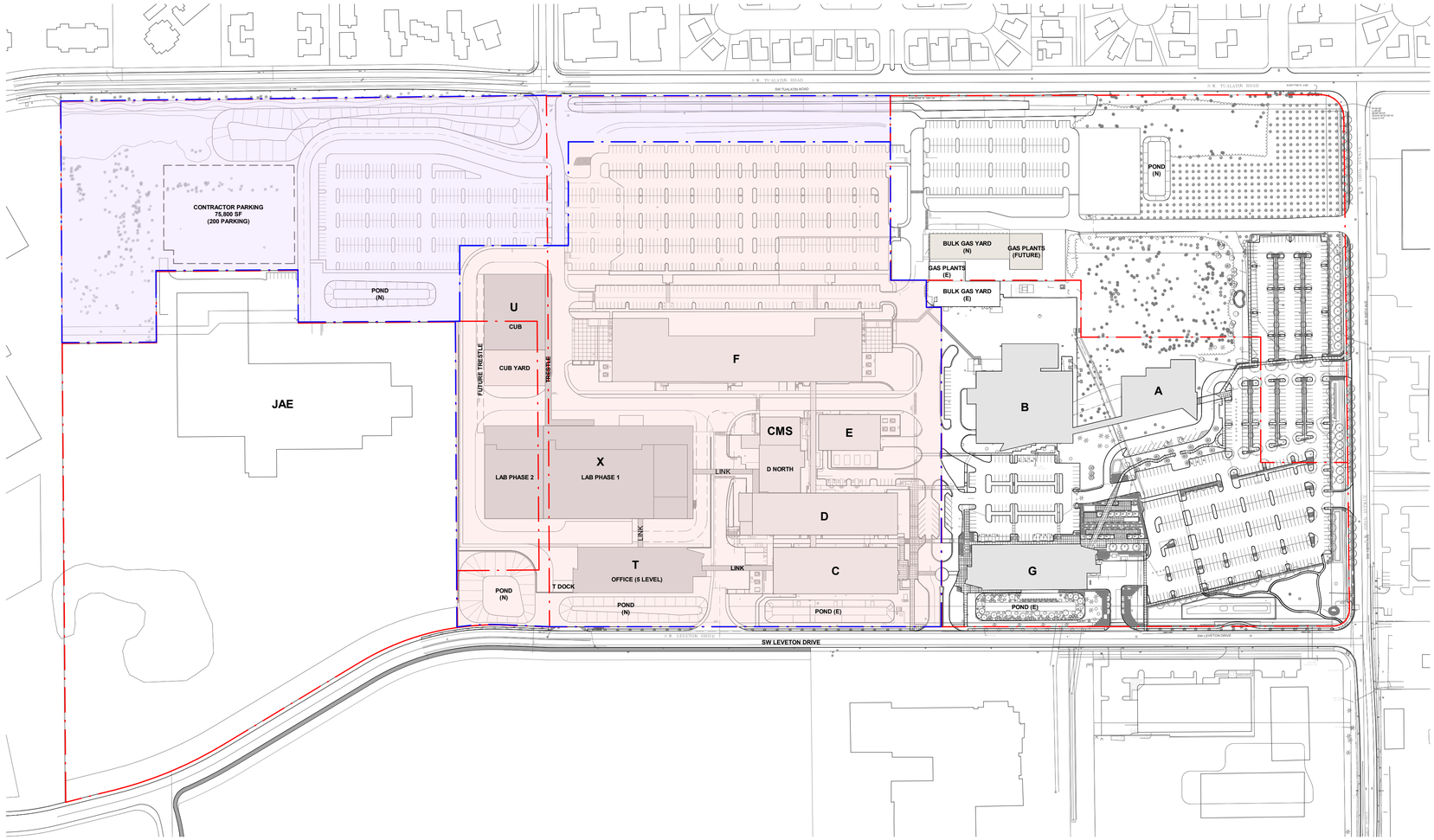
REVISION SCHEDULE

Delta	Issued As	Issue Date

SHEET TITLE:
ENLARGED PLAN - BUILDING T

SHEET
TA0.0008

JOB NO. **2230377.00**



LEGEND

- EXISTING PROPERTY LINE
- PROPERTY LINE ADJUSTMENT
- PROPOSED PARCEL A - 29.52 AC
- PROPOSED PARCEL B - 15.64 AC

TOTAL SITE AREA: 73.17 AC

Jacobs
Portland Office
2020 S.W. 4th Avenue, 3rd Floor
Portland, Oregon 97201

JACOBS PROJECT No.: D3822800
CLIENT PROJECT No.:
DRAWN:
REVIEWED:
DESIGNED:
APPROVED:
NOTICE:
STAMP:

PRELIMINARY NOT FOR CONSTRUCTION

NO	REVISION OR ISSUE	DATE	BY

ARCHITECTURAL REVIEW
(NOT FOR CONSTRUCTION)

Lam RESEARCH
Lam Research Corporation
4400 CUSHING PARKWAY
FREMONT, CA 94538

TITLE:
PROPERTY LINE ADJUSTMENT EXHIBIT

DATE ISSUED: 07.01.2024
DRAWING SCALE: 1" = 160'-0"
REVIT FILE:
BUILDING DESIGNATOR:

DRAWING NUMBER:
SA0-0009

DATE: 7/2/2024 8:57:20 AM
PATH: Autodesk Docs://US-OR, D3822800, LAM Research - Proj2, Shell Expansion/100AA-SBM-Arch/SA0-0009.rvt

LEGEND

GENERAL

- EMBANKMENT SLOPE INDICATOR
- LINE BREAK
- SURVEY CONTROL POINT
- WATER LEVEL (PROFILES)
- N XXX.XX / E XXX.XX — NORTHING / EASTING
- BENCHMARK
- AUTOMOBILE
- SHRUB
- TREE
- DUMPSTER
- MARSH / WETLAND
- RIR — RAILROAD CROSSING SIGN
- FOUND MONUMENT
- MP — MARKER POST

GRAPHIC SCALE

0 0.5" 1" 2"

- ℄ — ROAD CENTERLINE
- E — EASEMENT LINES
- PL — PROPERTY LINES
- LIMITS OF WORK
- R/W — RIGHT OF WAY

UTILITIES

PROPOSED	DESCRIPTION
	CATCH BASIN
	PIPE CAP/PLUG
	DUCT BANK CAP/PLUG
	PIPE REDUCER
BV	BUTTERFLY VALVE
GV	GATE VALVE
BV	BALL VALVE
CKV	CHECK VALVE
	POST INDICATOR VALVE
	FIRE HYDRANT
	AIR RELEASE VALVE
	LUMINAIRE POLE MOUNTED
CO	CLEANOUT
SA	SANITARY SEWER MANHOLE
SD	STORM DRAIN MANHOLE
	STORM FLARED END SECTION
	DRAINAGE SWALE W/FLOW DIRECTION
	UTILITY POLE
T	TELECOMMUNICATIONS/LSS MANHOLE OR HANDHOLE
	ELECTRICAL VAULT W/RIM
	UNDERSLAB DRAINAGE LIFT STATION
	BACKWATER VALVE MANHOLE
WM	WATER METER

PROPOSED	DESCRIPTION
CW	CITY WATER (OFF SITE)
SUB	SUBDRAIN
DW	DOMESTIC WATER
IWW	INDUSTRIAL WASTE WATER
IW	INDUSTRIAL WATER
IRR	IRRIGATION WATER
FL	FIRE PROTECTION WATER
SAN	SANITARY SEWER
SD	STORM DRAIN
NG	NATURAL GAS
E	ELECTRICAL DUCT BANK
T	TELECOMMUNICATIONS/LSS DUCT BANK

SITE IMPROVEMENTS

- STORM MANAGEMENT PONDS
- EXISTING WETLAND BUFFER
- LANDSCAPING
- EXISTING WETLANDS
- RIPRAP
- ASPHALTIC CONCRETE ROAD PAVEMENT
- ASPHALTIC CONCRETE PARKING LOT PAVEMENT
- CONCRETE SIDEWALK
- CONCRETE PAVEMENT
- GRAVEL SURFACE
- EARTH (SECTION VIEWS)
- HEADER CURB
- GUTTER
- CURB AND GUTTER
- SITE BOLLARD
- CHAIN LINK FENCE
- TEMPORARY FENCE
- SILT FENCE
- SIGN
- HANDICAP RAMP
- HANDICAP PARKING STALL

DEMOLITION

- REMOVE EXISTING FEATURE
- SAWCUT LINE
- DEMOLITION LIMITS
- ABANDON EXISTING FEATURE

GRADING

- TA=XXX.XX — ROUGH/FINISH GRADE SPOT ELEVATION
- −1% (DOWNHILL) / 2% (UPHILL) — SLOPE INDICATOR
- 34 — EXISTING CONTOUR
- 34 — NEW CONTOUR
- DRAINAGE ARROW

ABBREVIATIONS

AC	ASPHALTIC CONCRETE	PVC	POLYVINYL CHLORIDE
AD	AREA DRAIN	PW	PROCESS WATER
AGGR	AGGREGATE	R	RADIUS
AL	ALUMINUM	R/W	RIGHT-OF-WAY
ASPH	ASPHALT	RCP	REINFORCED CONCRETE PIPE
AVG	AVERAGE	S	SOUTH
AWN	ACID WASTE NEUTRALIZATION	SAN	SANITARY SEWER
BDY	BOUNDARY	SANMH	SANITARY SEWER MANHOLE
B/EXCV	BOTTOM OF EXCAVATION	SCH	SCHEDULE
BFP	BACKFLOW PREVENTER	SD	STORM DRAIN
BLDG	BUILDING	SDMH	STORM DRAIN MANHOLE
BM	BENCH MARK	SDR	STANDARD DIMENSION RATIO
BS	BOTH SIDES	SF	SQUARE FEET
B/TRENCH	BOTTOM OF TRENCH	SPEC(S)	SPECIFICATION(S)
BV	BUTTERFLY VALVE	SQ	SQUARE
CAP	CORRUGATED ALUMINUM PIPE	SST	STAINLESS STEEL
CB	CATCH BASIN	STA	STATION
CEM	CEMENT	STD	STANDARD
CFS	CUBIC FEET PER SECOND	STL	STEEL
CI	CAST IRON	SUB	SUBDRAIN
CJ	CONSTRUCTION JOINT	SYS	SYSTEM
CKV	CHECK VALVE	T	TELECOM CONDUIT (UNDERGROUND)
CL	CENTER LINE, CLASS	T&B	TOP AND BOTTOM
CLR	CLEAR	TA	TOP OF ASPHALT
CMP	CORRUGATED METAL PIPE	TC	TOP OF CURB
CMU	CONCRETE MASONRY UNIT	TOC	TOP OF CONCRETE
CO	CLEANOUT	TOF	TOP OF FOOTING
COT	CITY OF TUALATIN	TOG	TOP OF GRATE
COL	COLUMN	TOV	TOP OF VAULT
CONC	CONCRETE	TOW	TOP OF WALL
COORD	COORDINATE	TYP	TYPICAL
CU	CUBIC	UNO	UNLESS NOTED OTHERWISE
△	DELTA	VERT	VERTICAL
DIA	DIAMETER	VPC	VERTICAL PC
DIP	DUCTILE IRON PIPE	VPI	VERTICAL PI
DIST	DISTANCE	VPT	VERTICAL PT
DW	DOMESTIC WATER	W	WEST
E	EAST (EASTING)	W/	WITH
E	ELECTRICAL CONDUIT (UNDERGROUND)	WP	WORKING POINT
EA	EACH	WWF	WELDED WIRE FABRIC
EF	EACH FACE		
EFL	EFFLUENT		
EL	ELEVATION		
EQ	EQUAL		
EW	EACH WAY		
EX (E)	EXISTING		
FDN	FOUNDATION		
FF	FINISH FLOOR		
FG	FINISH GRADE		
FIN (F)	FINISHED		
FM	FORCE MAIN		
FOC	FACE OF CURB		
FPM	FOOT (FEET) PER MINUTE		
FPS	FOOT (FEET) PER SECOND		
FPW	FIRE PROTECTION WATER		
FT	FOOT (FEET)		
GA	GAUGE		
GALV	GALVANIZED		
GPH	GALLON(S) PER HOUR		
GPM	GALLON(S) PER MINUTE		
GPS	GALLON(S) PER SECOND		
GV	GATE VALVE		
HB	HOSE BIB		
HDPE	HIGH DENSITY POLYETHYLENE		
HDWR	HARDWARE		
HORIZ	HORIZONTAL		
HYD	FIRE HYDRANT		
ID	INSIDE DIAMETER		
IE	INVERT ELEVATION		
IN	INCHES		
INV	INVERT		
IP	IRON PIPE		
IWW	INDUSTRIAL WASTE WATER		
km	KILOMETERS		
km/h	KILOMETERS		
L	LENGTH		
L	LITERS		
LBS	POUNDS		
LF	LINEAR FEET		
m	METERS		
mm	MILLIMETERS		
MATL	MATERIAL		
MAX	MAXIMUM		
MIN	MINIMUM		
MJ	MECHANICAL JOINT		
MON	MONUMENT		
m/s	METERS/SECOND		
mm/s	MILLIMETERS/SECOND		
MW	MONITORING WELL		
N	NORTH (NORTHING)		
NA	NOT APPLICABLE (AVAILABLE)		
NG	NATURAL GAS		
NIC	NOT IN CONTRACT		
NO.	NUMBER		
NTS	NOT TO SCALE		
OC	ON CENTER		
OD	OUTSIDE DIAMETER		
OHE	OVERHEAD ELECTRICAL		
PC	POINT OF CURVATURE		
PERF.	PERFORATED		
PH1, PH2	PHASE 1 WORK, PHASE 2 WORK		
PI	POINT OF INTERSECTION		
PIV	POST INDICATOR VALVE		
PL	PROPERTY LINE OR PLATE		
PSF	POUNDS PER SQUARE FOOT		
PSI	POUNDS PER SQUARE INCH		
PT	POINT OF TANGENCY		

NOTES:

GENERAL:

A THIS SHEET CONTAINS STANDARD GENERAL NOTES AND SYMBOLS AND MAY CONTAIN ITEMS WHICH DO NOT APPLY TO THIS WORK PACKAGE.

B CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FROM GOVERNING AGENCIES PRIOR TO START OF WORK.

C CONTRACTOR SHALL MAINTAIN ADEQUATE FIRE LANE DURING CONSTRUCTION.

D ELECTRIC AND TELEPHONE UTILITIES SHALL BE INSTALLED UNDERGROUND.

E ALL REQUIRED IMPROVEMENTS SHALL COMPLY WITH CITY OF TUALATIN CONSTRUCTION AND MATERIALS SPECIFICATIONS (CMSC).

F REFUSE COLLECTION SHALL BE PROVIDED BY PRIVATE SERVICE.

G CONSTRUCTION PLANS AND SPECIFICATIONS SHALL BE APPROVED BY THE CITY OF TUALATIN PRIOR TO CONSTRUCTION OF ANY WATER OR SEWER MAINS. SITE PLAN APPROVAL FROM THE RESPECTIVE EASEMENT HOLDER SHALL BE CONSTRUED AS APPROVAL OF ALL NOTED ENCROACHMENTS, AS SHOWN ON SITE PLAN.

H ALL PRODUCTS COMING IN CONTACT WITH POTABLE WATER SHALL MEET NATIONAL SANITATION FOUNDATION (NSF) STANDARD 60 (DRINKING WATER TREATMENT CHEMICALS) AND, STANDARD 61 (DRINKING WATER SYSTEM COMPONENTS).

I ALL POTABLE WATER AND SEWER PIPING SHALL COMPLY WITH CITY OF TUALATIN PUBLIC WORKS CONSTRUCTION CODE AND SPECIFICATIONS.

J THESE DRAWINGS ARE BASED ON ALTA/NSPS LAND TITLE SURVEY. SEE "BASIS OF BEARINGS".

DEMOLITION:

A CONTRACTOR IS RESPONSIBLE FOR THE SEQUENCE OF DEMOLITION. DEMOLITION WITHIN WORK AREAS WILL BE SCHEDULED TO PARALLEL NEW CONSTRUCTION. THE PLANS DEPICT AN OVERALL DEMOLITION PLAN AND MAY NOT BE COMPLETE. AREAS AND ITEMS TO BE DEMOLISHED WHICH ARE NOT SHOWN ON THIS PLAN ARE THE RESPONSIBILITY OF THE CONTRACTOR. NOTIFY ENGINEER PRIOR TO ANY DEMOLITION NOT SHOWN.

B NOTIFY UTILITY COMPANIES FOR UTILITY LOCATION INFORMATION PRIOR TO DEMOLITION.

C CONTRACTOR SHALL COORDINATE REMOVAL OF UTILITIES WITH EACH RELATED SUBCONTRACTOR.

D CONTRACTOR IS RESPONSIBLE FOR ALL UTILITIES TO REMAIN. REMOVAL OF SITE PIPING SCHEDULED FOR DEMOLITION WILL BE APPROACHED UPON THE BASIS OF MAINTAINING SITE OPERATIONS. ANY PORTION OF DEMOLITION DETERMINED BY CONTRACTOR TO BE A POTENTIAL SITE SHUTDOWN RISK SHALL BE REVIEWED BY OWNER AND ENGINEER PRIOR TO DEMOLITION OF THE FEATURE.

E CAP AND DEMOLISH SITE ELECTRICAL IN WORK AREA. IF TELECOMMUNICATION LINES ARE PRESENT IN UNDERGROUND WORK AREA, CONTRACTOR SHALL COORDINATE THIS DEMOLITION WITH APPROPRIATE OWNER REPRESENTATIVE.

DEMOLITION CONT.:

F CONTRACTOR SHALL REMOVE UTILITY PIPING AS SHOWN. CONFLICTS WITH EXISTING UTILITIES MAY OVERRIDE REMOVAL CRITERIA. RECORD ALL REMOVALS AND ABANDONMENT OF EXISTING UTILITIES ON RECORD DRAWINGS.

G EXISTING BUILDING PIPING (IE. DW, SAN, SD, NG (NATURAL GAS)) DESIGNATED FOR DEMOLITION SHALL BE REMOVED BACK TO THE MAIN RUN, OR TO THE FIRST VALVE ON THE LATERAL, AND PLUGGED.

H CONTRACTOR IS RESPONSIBLE FOR PROTECTION AND/OR REPLACEMENT OF EXISTING BUILDINGS, SIDEWALKS, CURBS, AND PAVING NOT SCHEDULED FOR DEMOLITION WITHIN AREA OF WORK.

I SEE LANDSCAPE DEMOLITION DRAWINGS FOR IRRIGATION LINE REMOVAL AND CAPPING.

J IF REQUIRED, CONTRACTOR SHALL DECOMMISSION ANY MONITORING WELLS IN ACCORDANCE WITH THE CURRENT REQUIREMENTS OF THE LOCAL JURISDICTION. ALL WELL DECOMMISSIONING WILL BE PERFORMED BY CONTRACTORS LICENSED TO CONSTRUCT, ALTER, OR ABANDON WELLS, AND CERTIFIED BY A REGISTERED ENGINEER, GEOLOGIST, OR ENVIRONMENTAL SCIENTIST. FIELD VERIFY LOCATION OF EXISTING WELL.

K AFTER REMOVAL OF UTILITIES, TRENCHES SHALL BE BACK FILLED AND COMPACTED ACCORDING TO THE REQUIRED SPECIFICATION.

EARTHWORK:

A CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR MAKING ALL EXCAVATIONS IN A SAFE MANNER. PROVIDE APPROPRIATE MEASURES TO RETAIN EXCAVATION SIDESLOPES AND PREVENT ROCK FALLS, TO ENSURE THAT PERSONS WORKING IN OR NEAR THE EXCAVATION ARE PROTECTED.

B JACOBS HAS NOT DESIGNED OR REVIEWED, IS NOT RESPONSIBLE FOR, AND DOES NOT CERTIFY ANY ASPECT OF ANY EXCAVATION SHORING SYSTEMS AND/OR SAFETY SYSTEMS FOR ANY EXCAVATION WHICH MAY BE DESCRIBED, SHOWN, OR DEPICTED, DIRECTLY OR INDIRECTLY, ON THESE DRAWINGS.

C ELEVATION SLOPE INDICATORS SHOWN AT TOP AND BOTTOM OF OPEN CUTS AND FILLS ARE APPROXIMATE.

D SEE STRUCTURAL DRAWINGS FOR LOCATION AND ELEVATION OF FOOTINGS AND LIMITS OF SLABS.

E CONTRACTOR IS RESPONSIBLE FOR CONTROL OF DUST AND SEDIMENT CREATED BY CONSTRUCTION ON-SITE AND OFF-SITE. SEDIMENT TRANSPORTED BY TRUCK TIRE AND SPILLAGE FROM TRUCK LOADINGS SHALL BE KEPT TO MINIMUM. AT THE END OF EACH WORKING DAY OR WHEN REQUIRED, ON-SITE AND OFF-SITE AC PAVEMENT AND CONCRETE SURFACES THAT BECOME SEDIMENT-COVERED SHALL BE WASHED FREE OF SEDIMENTS. CONTRACTOR SHALL MAINTAIN A WATER TRUCK ON SITE FOR THIS PURPOSE.

FINISH GRADING:

A ALL LANDSCAPE AREAS SHALL BE GRADED TO THE SIDEWALK FINISH GRADE AND TO THE TOP OF CURB UNLESS SHOWN OTHERWISE. SEE GRADING PLAN FOR ELEVATIONS.

B CONTRACTOR SHALL ADJUST TOP OF MANHOLES AND GRATES TO FINISH GRADE AS REQUIRED.

C FINISH GRADE PLANS REFLECT POSITIVE DRAINAGE TO CATCH BASINS, CURB CUTS, RAIN STRAINER TYPE MANHOLE LIDS, AREA DRAINS OR OTHER TYPES OF STORM WATER RECEIVING STRUCTURES. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING POSITIVE DRAINAGE IN PARKING LOTS, HARDSCAPE AREAS, AND LANDSCAPING. NOTIFY ENGINEER OF ANY DISCREPANCIES.

D GRADES SHOWN ON UTILITY PLANS ARE FOR REFERENCE ONLY AND SHOULD NOT BE USED FOR FINAL CONSTRUCTION. FINISHED GRADING TO BE ISSUED AS PART OF FINAL SITE IMPROVEMENTS AND UTILITY STRUCTURES TO BE ADJUSTED TO FINISHED GRADE AT TIME OF COMPLETION OF FINAL SURFACES. CONTRACTOR TO ENSURE UNDERGROUND UTILITIES ARE ADEQUATELY PROTECTED FROM TRAFFIC LOADING UNTIL FULL DESIGN DEPTH OF BURIAL IS ACHIEVED.

UTILITIES:

A CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL EXISTING UTILITIES WITHIN THE WORK AREA PRIOR TO CONSTRUCTION OF NEW UTILITIES. EXISTING UTILITIES SHOWN MAY NOT INCLUDE ALL UTILITIES TO BE ENCOUNTERED. UTILITY ROUTES WERE DETERMINED FROM EXISTING RECORD DRAWINGS AND/OR SURVEYS.

B CONTRACTOR SHALL PROTECT AND MAINTAIN SERVICE OF EXISTING UTILITIES DURING CONSTRUCTION. INTERRUPTION OF UTILITY SERVICE SHALL BE COORDINATED WITH APPROPRIATE CLIENT REPRESENTATIVE.

C RESPONSIBILITY FOR CONSTRUCTION OF SITE UTILITIES SHALL BEGIN AT FIVE (5) FEET OUTSIDE OF BUILDING SLAB UNLESS OTHERWISE NOTED.

D CLEANOUTS ARE TO BE INSTALLED ON ALL STORM DRAIN LATERALS AND SANITARY SEWER LATERALS TO THE BUILDING, UNLESS OTHERWISE NOTED. FOR LOCATION OF BUILDING LATERALS, SEE PLANS FOR SPECIFIED BUILDING.

E UTILITY CONTRACTOR SHALL COORDINATE CONSTRUCTION TO PREVENT ELEVATION CONFLICTS, INCLUDING UTILITY PLACEMENT WITH ELECTRICAL AND TELECOM UNDERGROUND WORK, AND PRECAST/CAST IN PLACE UTILITY TRENCHES.

UTILITIES:

F CONTRACTOR SHALL SCHEDULE GRAVITY PIPELINE WORK AHEAD OF OTHER UNDERGROUND UTILITY CONSTRUCTION.

G ALL PIPE RUNS FROM CATCH BASINS SHALL BE EIGHT (8) INCH DIAMETER UNLESS SHOWN OTHERWISE.

H ALL PUBLIC IMPROVEMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE APPROPRIATE GOVERNING AGENCY.

I CONTRACTOR SHALL PROTECT EXISTING STRUCTURES DURING CONSTRUCTION OF UTILITIES. CONTRACTOR SHALL AVOID UNDERMINING OF EXISTING FOOTINGS, TANKS, OR PIER CAPS.

J CONTRACTOR SHALL REPLACE, IN KIND, ALL AC PAVEMENT, CONCRETE, LANDSCAPING AND IRRIGATION WHICH IS REMOVED OR DISTURBED DURING INSTALLATION OF PIPING AND PLACEMENT OF MANHOLES.

K CONTRACTOR SHALL RESTRIPE AC PAVEMENT AND CONCRETE PAVEMENT WHERE REQUIRED DUE TO CONSTRUCTION.

L CONTRACTOR SHALL FIELD VERIFY ALL MANHOLE RIM ELEVATIONS.

M ABOVE GROUND UTILITIES (FIRE HYDRANTS, PIVS, ETC) MAY BE INSTALLED AT A LATER TIME FOR CONSTRUCTION AREA MANEUVERABILITY AND SAFETY. VERIFY WITH LOCAL AGENCIES AND CM.

N NEW PRESSURE PIPES TO BE RESTRAINED BY MEANS OF THRUST BLOCKS AND/OR JOINT RESTRAINTS. SUBMIT ON TYPE OF JOINT RESTRAINT TO BE USED.

EROSION & SEDIMENT CONTROL/ SLOPE PROTECTION:

A CONTRACTOR IS RESPONSIBLE FOR INSTALLING EROSION CONTROL ITEMS AS SHOWN IN PLANS. CONTROLS SHALL BE INSTALLED PRIOR TO SOIL DISTURBANCE. THE EROSION CONTROL ITEMS SHOWN ON DRAWINGS ARE MINIMUM REQUIREMENTS, AND CONTRACTOR IS RESPONSIBLE FOR ANY ADDITIONAL MEASURES WHICH MAY BECOME NECESSARY FOR SLOPE PROTECTION OR TO CONTROL ANY TYPE OF SEDIMENT MIGRATION.

B ALL SLOPES 3H:1V AND STEEPER SHALL BE COVERED WITH EROSION CONTROL BLANKET AFTER SEEDING. FIBER MAT SHALL BE INSTALLED ON AREAS SEEDED, AND WILL REMAIN UNTIL VEGETATION IS FIRMLY ESTABLISHED.

C CONTRACTOR SHALL APPLY SEED OR HYDROSEED ALL EXPOSED SLOPES AND ROUGH GRADED AREAS IN ACCORDANCE WITH SSOE EROSION CONTROL DOCUMENTS.

D CONTRACTOR IS RESPONSIBLE FOR CONTROL OF DUST AND SEDIMENT CREATED BY CONSTRUCTION ON-SITE AND OFF-SITE. SEDIMENT TRANSPORTED BY TRUCK TIRE AND SPILLAGE FROM TRUCK LOADINGS SHALL BE KEPT TO A MINIMUM.

E APPROVAL OF THE EROSION CONTROL ELEMENT DOES NOT CONSTITUTE AN APPROVAL OF PERMANENT ROAD OR DRAINAGE DESIGN.

F DURING INACTIVE PERIODS ON THE SITE, THE CONTRACTOR MUST INSPECT AND MAINTAIN EROSION CONTROL FACILITIES ONCE A MONTH OR WITHIN THE 24 HOURS FOLLOWING A STORM EVENT.

G HYDROSEED, MULCH AND FERTILIZE ALL DISTURBED GROUND NOT RECEIVING HARD SURFACE AT THE EARLIEST POSSIBLE TIME.

RECORD DRAWINGS:

A CONTRACTOR SHALL PROVIDE RECORD DRAWINGS OF ALL ABANDONED UTILITIES WITHIN THE WORK AREA INCLUDING UTILITY TYPE, SIZE OR DIAMETER, WITH SURVEYED NORTHING, EASTING AND ELEVATION.

B CONTRACTOR SHALL BE RESPONSIBLE FOR RECORD DRAWING INFORMATION. PRIOR TO BACKFILLING ANY UNDERGROUND PIPING, TOP OF PIPE ELEVATIONS, NORTHINGS AND EASTINGS SHALL BE SURVEYED AT EACH HORIZONTAL AND VERTICAL BEND AND AT MINIMUM 200 FEET INTERVALS ALONG HORIZONTAL RUNS. THIS INFORMATION IS TO BE TRANSFERRED TO THE RECORD DRAWINGS, WHICH ARE "LIVING" DOCUMENTS DURING CONSTRUCTION.

C CONTRACTOR SHALL BE RESPONSIBLE FOR ANY ADDITIONAL RECORD DRAWING INFORMATION WHICH MAY BE REQUIRED BY OWNER OR ENGINEER.

D ALL SURVEYED LOCATIONS REQUIRED FOR RECORD DRAWINGS SHALL BE LOCATED BY A REGISTERED PROFESSIONAL LAND SURVEYOR LICENSED IN THE STATE OF OHIO.

E CONTRACTOR SHALL PROVIDE RECORD DRAWINGS OF ALL ABANDONED UTILITIES WITHIN THE WORK AREA INCLUDING UTILITY TYPE, SIZE, OR DIAMETER, WITH SURVEYED NORTHING, EASTING, AND ELEVATION

F RECORD AS-BUILT SURVEY FILE TO BE DELIVERED TO OWNER IN AUTOCAD CIVIL 3D FORMAT, WITH SURVEY POINTS OF UTILITIES SURVEYED INCLUDED FOR REFERENCE. AUTOCAD DRAWING SHALL MEET INTEL CAD STANDARD REQUIREMENTS.

SITE IMPROVEMENTS:

A ALL DIMENSIONS ARE TO THE FACE OF CURB UNLESS OTHERWISE SHOWN.

B ALL CURB RADII ARE 5 FEET UNLESS OTHERWISE SHOWN.

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CLIENT PROJECT NO.:
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REVIEWED:
DESIGNED:
APPROVED:
NOTICE:
STAMP:

PRELIMINARY NOT FOR CONSTRUCTION

NO.	REVISION OR ISSUE	DATE	BY

ARCHITECTURAL REVIEW
(NOT FOR CONSTRUCTION)

Lam RESEARCH
Lam Research Corporation
4400 CUSHING PARKWAY
FREMONT, CA 94538

TITLE:

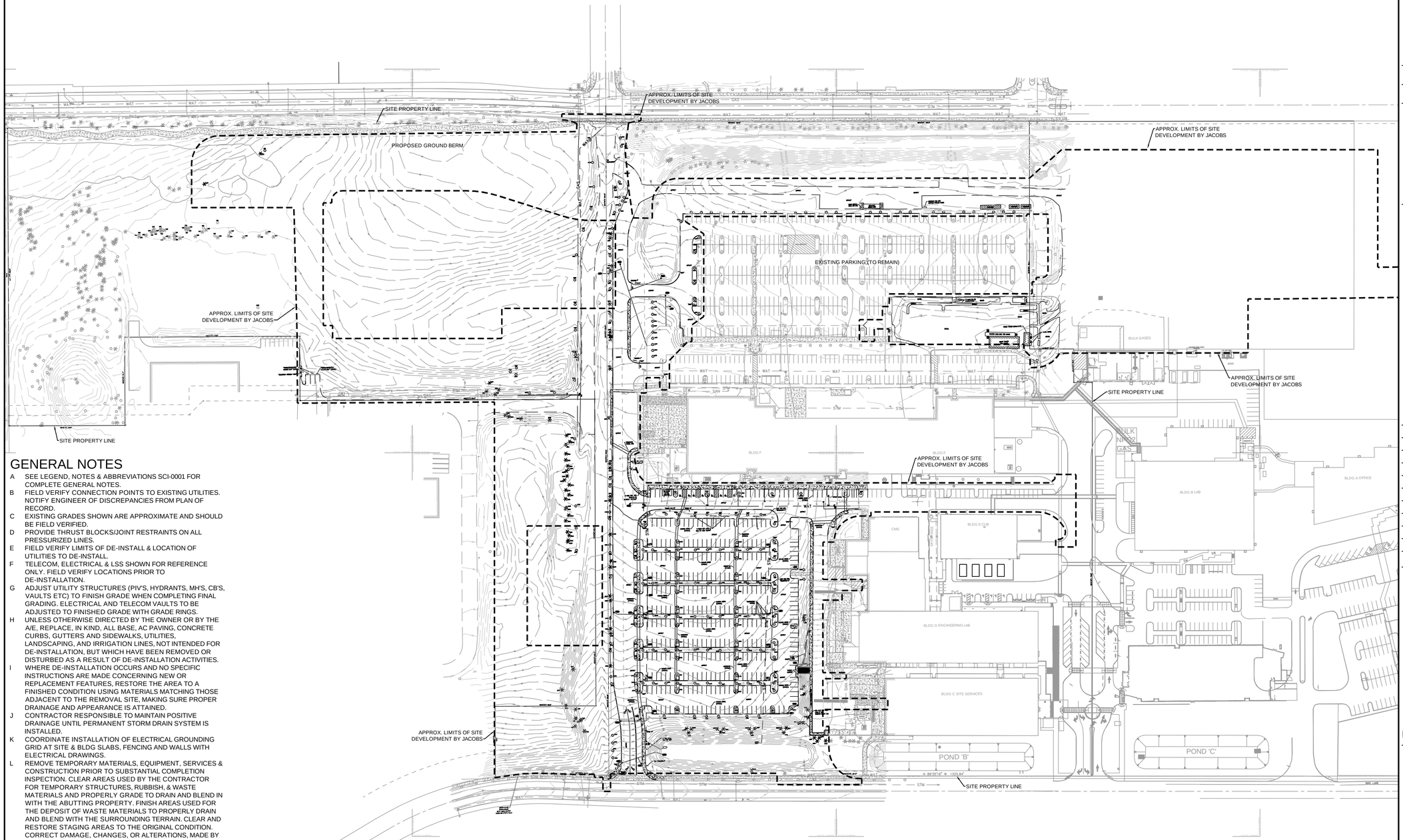
SITE-CIVIL
CIVIL NOTES & LEGEND

DATE ISSUED:
DRAWING SCALE: 1:1
ACAD FILE:
BUILDING DESIGNATOR:

DRAWING NUMBER:

SCI-0001

Name: SCI-0001.DWG User: BOWLESD Date: 28/Jun/24 – 2:31 PM



GENERAL NOTES

A SEE LEGEND, NOTES & ABBREVIATIONS SCI-0001 FOR COMPLETE GENERAL NOTES.

B FIELD VERIFY CONNECTION POINTS TO EXISTING UTILITIES. NOTIFY ENGINEER OF DISCREPANCIES FROM PLAN OF RECORD.

C EXISTING GRADES SHOWN ARE APPROXIMATE AND SHOULD BE FIELD VERIFIED.

D PROVIDE THRUST BLOCKS/JOINT RESTRAINTS ON ALL PRESSURIZED LINES.

E FIELD VERIFY LIMITS OF DE-INSTALL & LOCATION OF UTILITIES TO DE-INSTALL.

F TELECOM, ELECTRICAL & LSS SHOWN FOR REFERENCE ONLY. FIELD VERIFY LOCATIONS PRIOR TO DE-INSTALLATION.

G ADJUST UTILITY STRUCTURES (PIV'S, HYDRANTS, MH'S, CB'S, VAULTS ETC) TO FINISH GRADE WHEN COMPLETING FINAL GRADING. ELECTRICAL AND TELECOM VAULTS TO BE ADJUSTED TO FINISHED GRADE WITH GRADE RINGS.

H UNLESS OTHERWISE DIRECTED BY THE OWNER OR BY THE A/E, REPLACE, IN KIND, ALL BASE, AC PAVING, CONCRETE CURBS, GUTTERS AND SIDEWALKS, UTILITIES, LANDSCAPING, AND IRRIGATION LINES, NOT INTENDED FOR DE-INSTALLATION, BUT WHICH HAVE BEEN REMOVED OR DISTURBED AS A RESULT OF DE-INSTALLATION ACTIVITIES.

I WHERE DE-INSTALLATION OCCURS AND NO SPECIFIC INSTRUCTIONS ARE MADE CONCERNING NEW OR REPLACEMENT FEATURES, RESTORE THE AREA TO A FINISHED CONDITION USING MATERIALS MATCHING THOSE ADJACENT TO THE REMOVAL SITE, MAKING SURE PROPER DRAINAGE AND APPEARANCE IS ATTAINED.

J CONTRACTOR RESPONSIBLE TO MAINTAIN POSITIVE DRAINAGE UNTIL PERMANENT STORM DRAIN SYSTEM IS INSTALLED.

K COORDINATE INSTALLATION OF ELECTRICAL GROUNDING GRID AT SITE & BLDG SLABS, FENCING AND WALLS WITH ELECTRICAL DRAWINGS.

L REMOVE TEMPORARY MATERIALS, EQUIPMENT, SERVICES & CONSTRUCTION PRIOR TO SUBSTANTIAL COMPLETION INSPECTION. CLEAR AREAS USED BY THE CONTRACTOR FOR TEMPORARY STRUCTURES, RUBBISH, & WASTE MATERIALS AND PROPERLY GRADE TO DRAIN AND BLEND IN WITH THE ABUTTING PROPERTY. FINISH AREAS USED FOR THE DEPOSIT OF WASTE MATERIALS TO PROPERLY DRAIN AND BLEND WITH THE SURROUNDING TERRAIN. CLEAR AND RESTORE STAGING AREAS TO THE ORIGINAL CONDITION. CORRECT DAMAGE, CHANGES, OR ALTERATIONS, MADE BY THE CONTRACTOR TO STORAGE & LAYDOWN AREAS DURING CONSTRUCTION PRIOR TO DEMOBILIZATION. AREAS SHALL BE RETURNED TO THE CONDITION PRIOR TO START OF CONSTRUCTION, UNO ON SITE IMPROVEMENT PLANS.

M MANHOLE LID ADJUSTMENT REQUIRING GREATER THAN 12" OF STACKED GRADE RINGS WILL HAVE THE TOP SECTION REMOVED, A 12" OR GREATER PRECAST MANHOLE SECTION INSTALLED AND TOP SECTION REPLACED. ALIGN NEW STEPS WITH EXISTING STEPS. IN CASE OF FLAT TOP MANHOLE, REMOVE TOP LID SECTION & INSTALL PRECAST SECTION. REINSTALL RIM & LID TO GRADE.

N ROOF DRAINS, FOUNTAIN DRAINS, AND OTHER CLEAN WATER CONNECTIONS TO THE SANITARY SEWER SYSTEM ARE PROHIBITED.

O GRADES SHOWN ON UTILITY PLANS ARE FOR REFERENCE ONLY AND SHOULD NOT BE USED FOR FINAL CONSTRUCTION.

NORTH

BAR IS ONE INCH ON ORIGINAL DRAWING

0 1"

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Portland, Oregon 97201

JACOBS PROJECT NO.: D3822800
CLIENT PROJECT NO.:
DRAWN:
REVIEWED:
DESIGNED:
APPROVED:
NOTICE:
STAMP:

PRELIMINARY NOT FOR CONSTRUCTION

NO.	REVISION OR ISSUE	DATE	BY

ARCHITECTURAL REVIEW
(NOT FOR CONSTRUCTION)

Lam RESEARCH
Lam Research Corporation
4400 CUSHING PARKWAY
FREMONT, CA 94538

TITLE:

SITE-CIVIL
DEMOLITION
OVERALL
PLAN

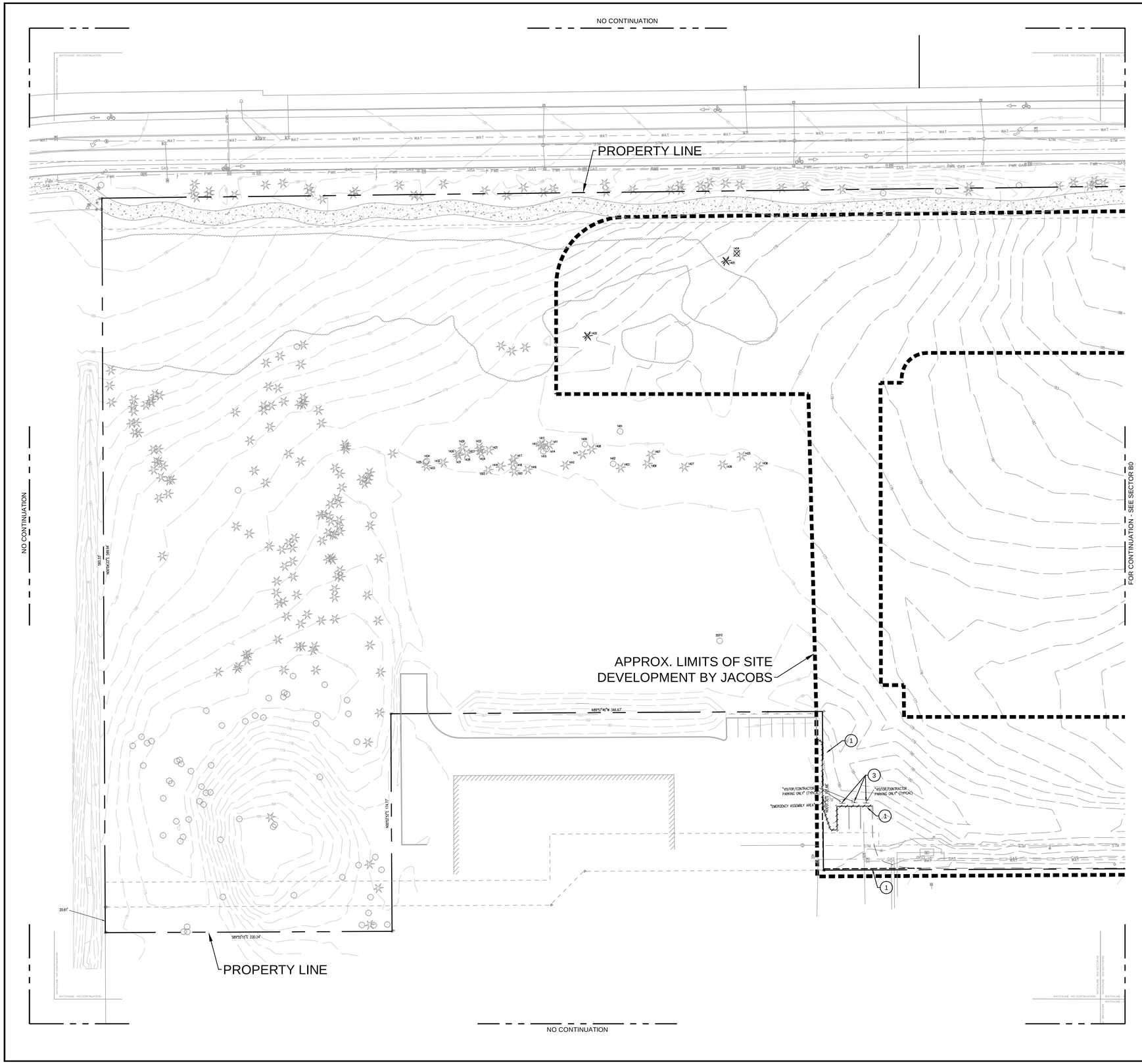
DATE ISSUED:
DRAWING SCALE: 1"=100'
ACAD FILE:
BUILDING DESIGNATOR:

DRAWING NUMBER:

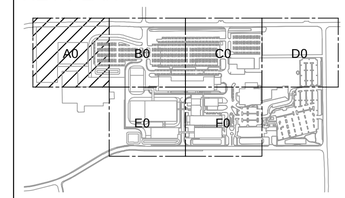
SCI-0600

Name: SCI-0600.dwg User: BOWLESD Date: 01/Jul/24 – 9:48 AM

File: C:\a2k_Rockwell\SCI-0600.dwg Date: 7/01/24 - 9:48AM



KEY PLAN



GENERAL NOTES

A SEE SCI-1100 FOR COMPLETE GENERAL NOTES.
B FOR SITE DEVELOPMENT AND UTILITY CONTINUATION OUTSIDE OF PROPOSED LIMITS OF SITE DEVELOPMENT REFER MACKENZIE PACKAGE.

KEYED NOTES

1 SAWCUT AND REMOVE CONCRETE CURB.
2 SAWCUT AND REMOVE ASPHALT PAVEMENT.
3 REMOVE EXISTING SIGN, POST AND FOOTING

NORTH

BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"

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Lam RESEARCH
Lam Research Corporation
4400 CUSHING PARKWAY
FREMONT, CA 94538

TITLE:

SITE-CIVIL
DEMOLITION
SECTOR A0
PLAN

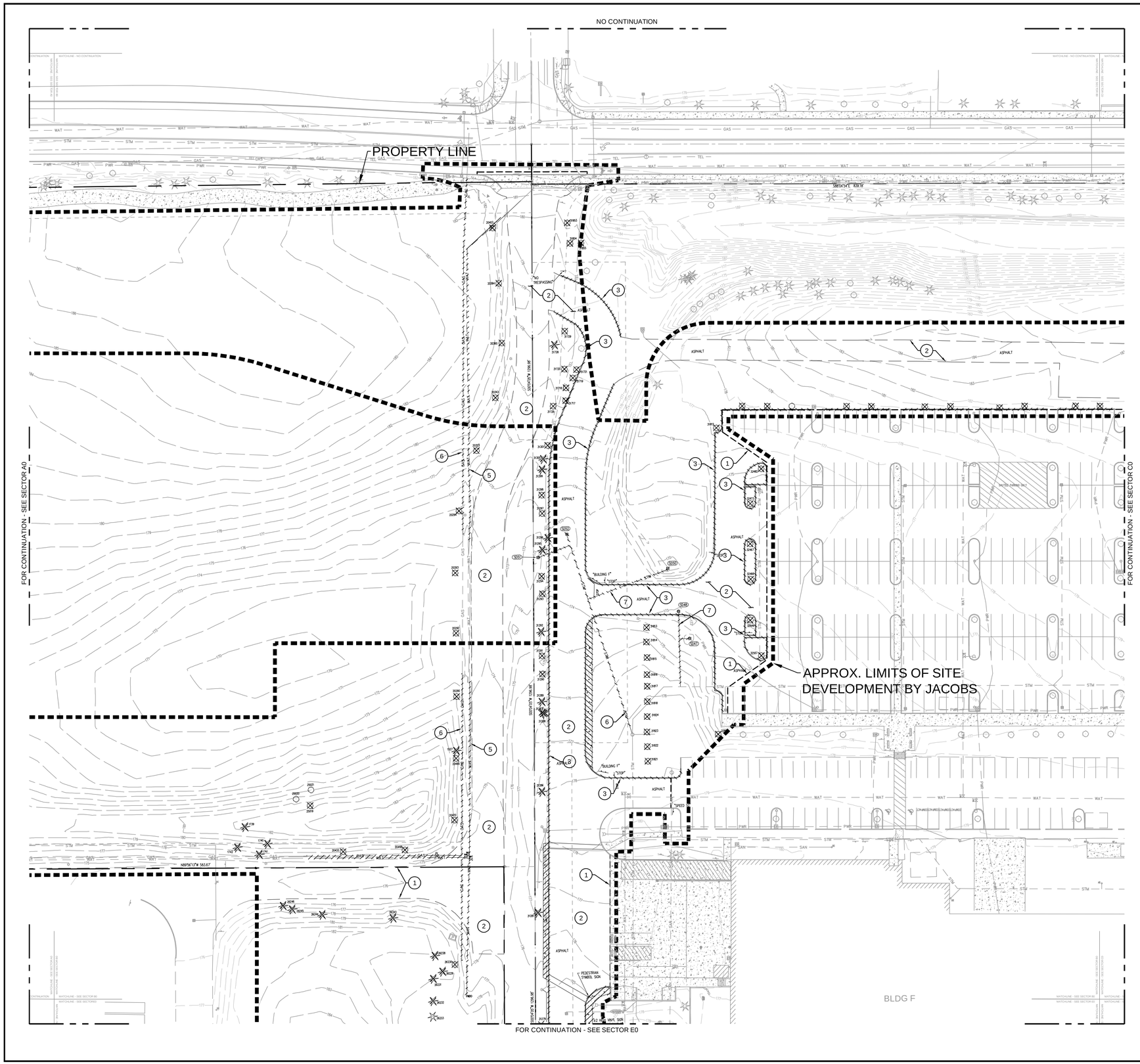
DATE ISSUED:
DRAWING SCALE: 1"=40'
ACAD FILE:
BUILDING DESIGNATOR:

DRAWING NUMBER:

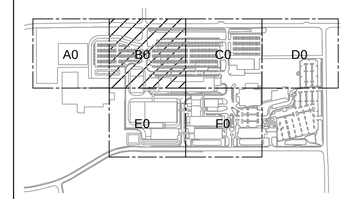
SCI-06A0

Name: SCI-06A0.dwg User: BOWLESD Date: 01/Jul/24 – 1:37 PM

File: C:\a2k_Rockwell\SCI-06A0.dwg Date: 7/01/24 - 1:37PM



KEY PLAN



GENERAL NOTES

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B FOR SITE DEVELOPMENT AND UTILITY CONTINUATION OUTSIDE OF PROPOSED LIMITS OF SITE DEVELOPMENT REFER MACKENZIE PACKAGE.

KEYED NOTES

1 SAWCUT EXISTING PAVEMENT.
2 DEMOLISH AND REMOVE EXISTING ASPHALT PAVEMENT
3 DEMOLISH AND REMOVE EXISTING CONCRETE CURB AND GUTTER.
4 DEMOLISH AND REMOVE EXISTING CONCRETE SIDEWALK
5 DEMOLISH AND REMOVE PORTION OF EXISTING FIRE MAIN. COORDINATE LIMITS OF REMOVAL WITH NEW GAS INSTALL PLANS COORDINATE LIMITS OF REMOVAL WITH NEW GAS INSTALL PLANS.
6 DEMOLISH AND REMOVE PORTION OF GAS MAIN. COORDINATE LIMITS OF REMOVAL WITH NEW GAS INSTALL PLANS.
7 DEMOLISH AND REMOVE EXISTING STORM DRAIN LINE. COORDINATE LIMITS OF REMOVAL WITH NEW STORM DRAIN INSTALL PLANS.
8 REMOVE EXISTING SIGN, POST AND FOOTING.

NORTH

BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"

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JACOBS PROJECT NO.:	CLIENT PROJECT NO.:
D3822800	
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NO.	REVISION OR ISSUE	DATE	BY

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4400 CUSHING PARKWAY
FREMONT, CA 94538

TITLE:

SITE-CIVIL
DEMOLITION
SECTOR B0
PLAN

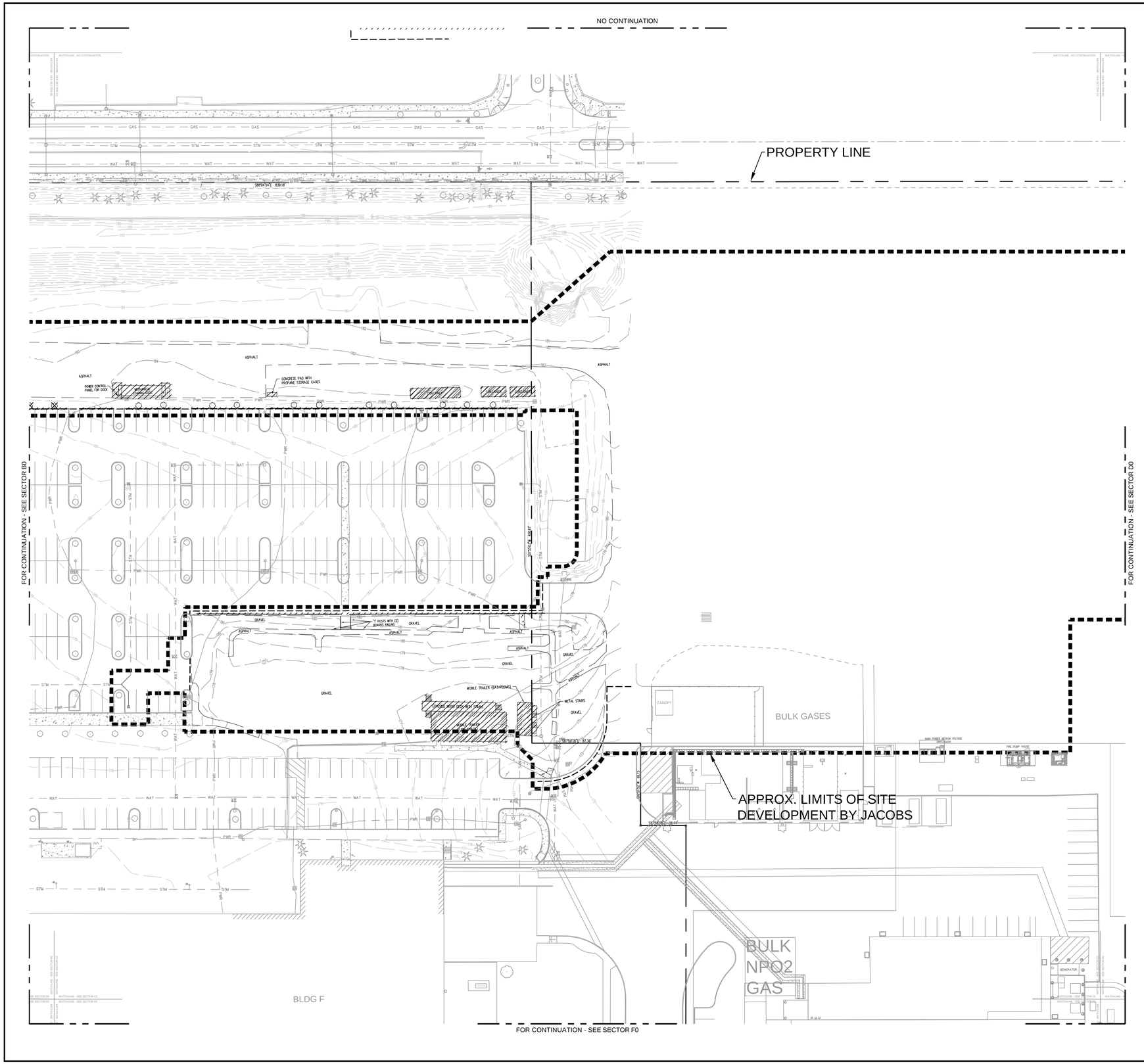
DATE ISSUED:
DRAWING SCALE: 1"=40'
ACAD FILE:
BUILDING DESIGNATOR:

DRAWING NUMBER:

SCI-06B0

Name: SCI-06B0.dwg User: BOWLESD Date: 01/Jul/24 - 2:07 PM

File: C:\a2k_Rockwell\SCI-06B0.dwg Date: 7/01/24 - 2:07PM



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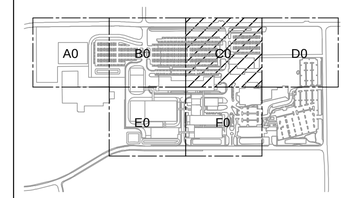

GENERAL NOTES

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B FOR SITE DEVELOPMENT AND UTILITY CONTINUATION OUTSIDE OF PROPOSED LIMITS OF SITE DEVELOPMENT REFER MACKENZIE PACKAGE.

KEYED NOTES

1 SAWCUT AND REMOVE CONCRETE CURB.
2 SAWCUT AND REMOVE ASPHALT PAVEMENT.
3 REMOVE EXISTING SIGN, POST AND FOOTING

NORTH

BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"

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FREMONT, CA 94538

TITLE:

SITE-CIVIL
DEMOLITION
SECTOR C0
PLAN

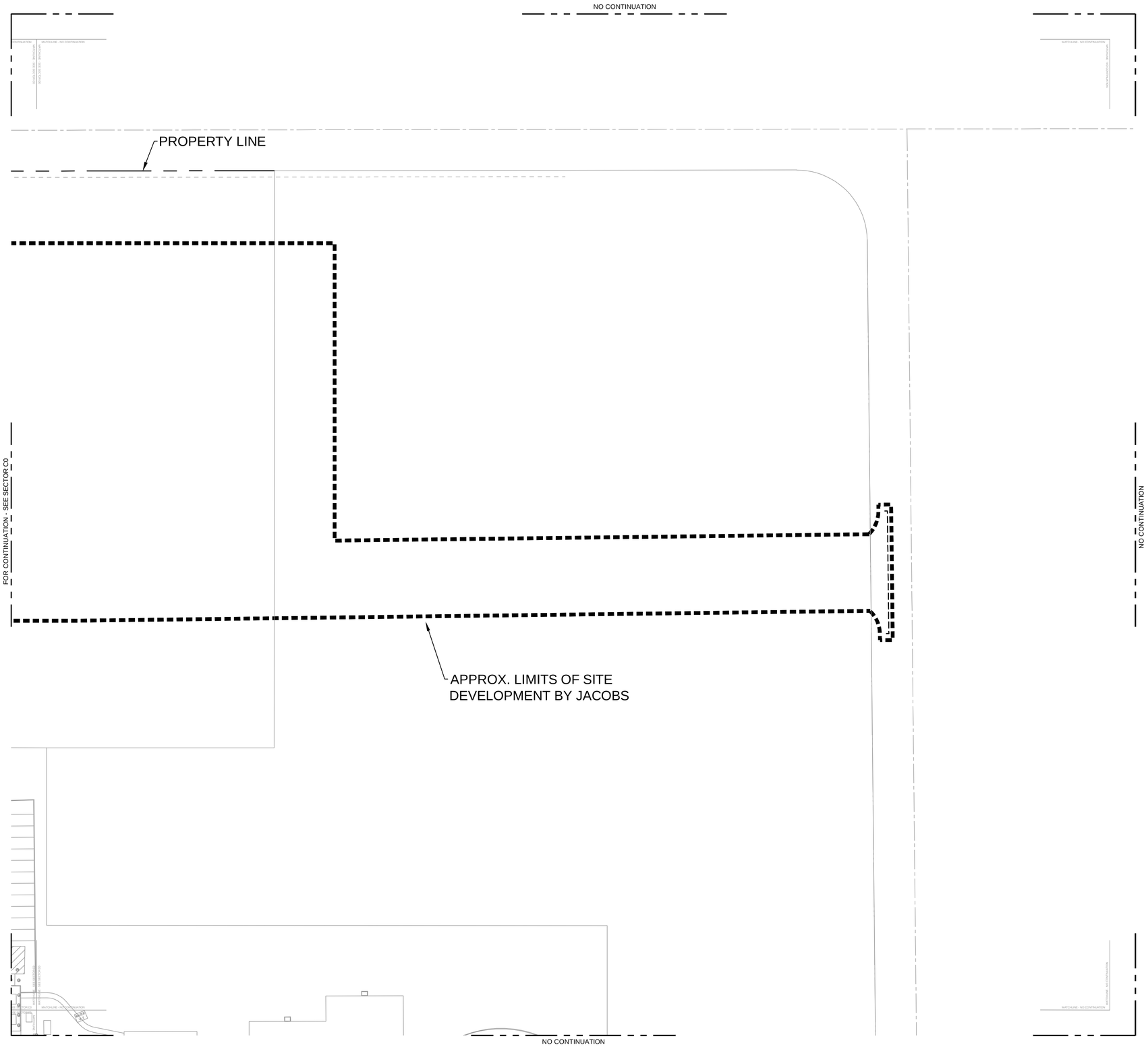
DATE ISSUED: DRAWING SCALE: 1"=40'
ACAD FILE: BUILDING DESIGNATOR:

DRAWING NUMBER:

SCI-06C0

Name: SCI-06C0.dwg User: BOWLESD Date: 01/Jul/24 – 2:21 PM

File: C:\a2k_Rockwell\SCI-06C0.dwg Date: 7/01/24 - 2:21PM



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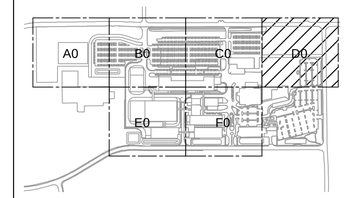

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KEYED NOTES

NORTH

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0 1"

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Lam RESEARCH
Lam Research Corporation
4400 CUSHING PARKWAY
FREMONT, CA 94538

TITLE:

SITE-CIVIL
DEMOLITION
SECTOR D0
PLAN

DATE ISSUED:
DRAWING SCALE: 1"=40'
ACAD FILE:
BUILDING DESIGNATOR:

DRAWING NUMBER:

SCI-06D0

Name: SCI-06D0.dwg User: BOWLESD Date: 01/Jul/24 – 2:28 PM

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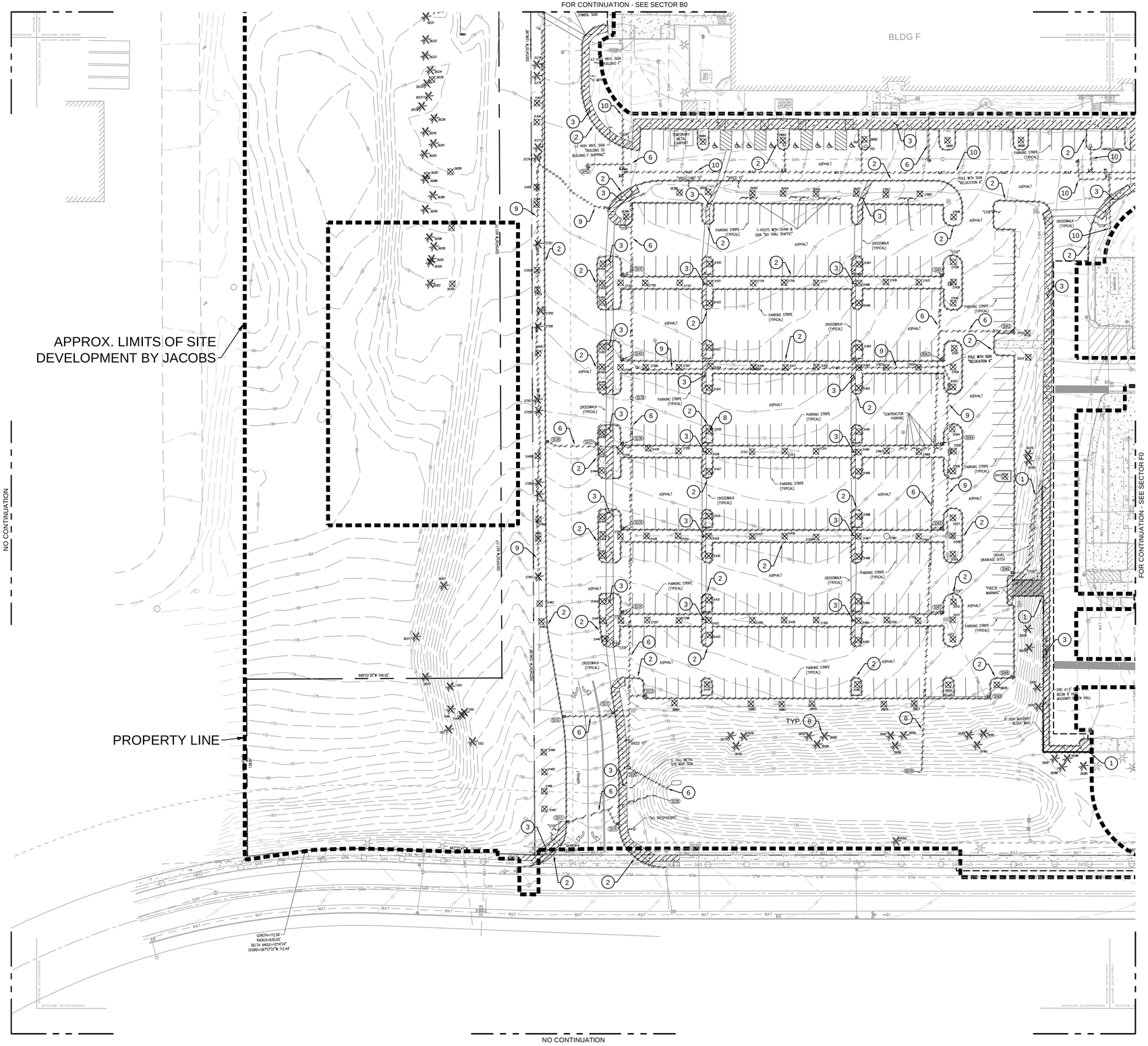

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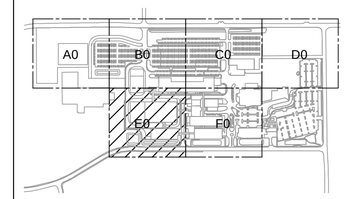

GENERAL NOTES

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KEYED NOTES

1 DEMOLISH AND REMOVE EXISTING ASPHALT PAVEMENT
2 DEMOLISH AND REMOVE EXISTING CONCRETE CURB AND GUTTER
3 DEMOLISH AND REMOVE EXISTING CONCRETE SIDEWALK
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5 DEMOLISH AND REMOVE PORTION OF GAS MAIN. COORDINATE LIMITS OF REMOVAL WITH NEW GAS INSTALL PLANS.
6 DEMOLISH AND REMOVE EXISTING STORM DRAIN LINE. COORDINATE LIMITS OF REMOVAL WITH NEW STORM DRAIN INSTALL PLANS.
7 REMOVE EXISTING SIGN, POST AND FOOTING.
8 REMOVE EXISTING TREES, BUSHES AND SHRUBS
9 REMOVE AND DEMOLISH EXISTING POWER LINE
10 REMOVE AND DEMOLISH EXISTING WATER LINE

NORTH

BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"

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Portland, Oregon 97201

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D3822800	
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DESIGNED:	APPROVED:
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Lam RESEARCH
Lam Research Corporation
4400 CUSHING PARKWAY
FREMONT, CA 94538

TITLE:

SITE-CIVIL
DEMOLITION
SECTOR E0
PLAN

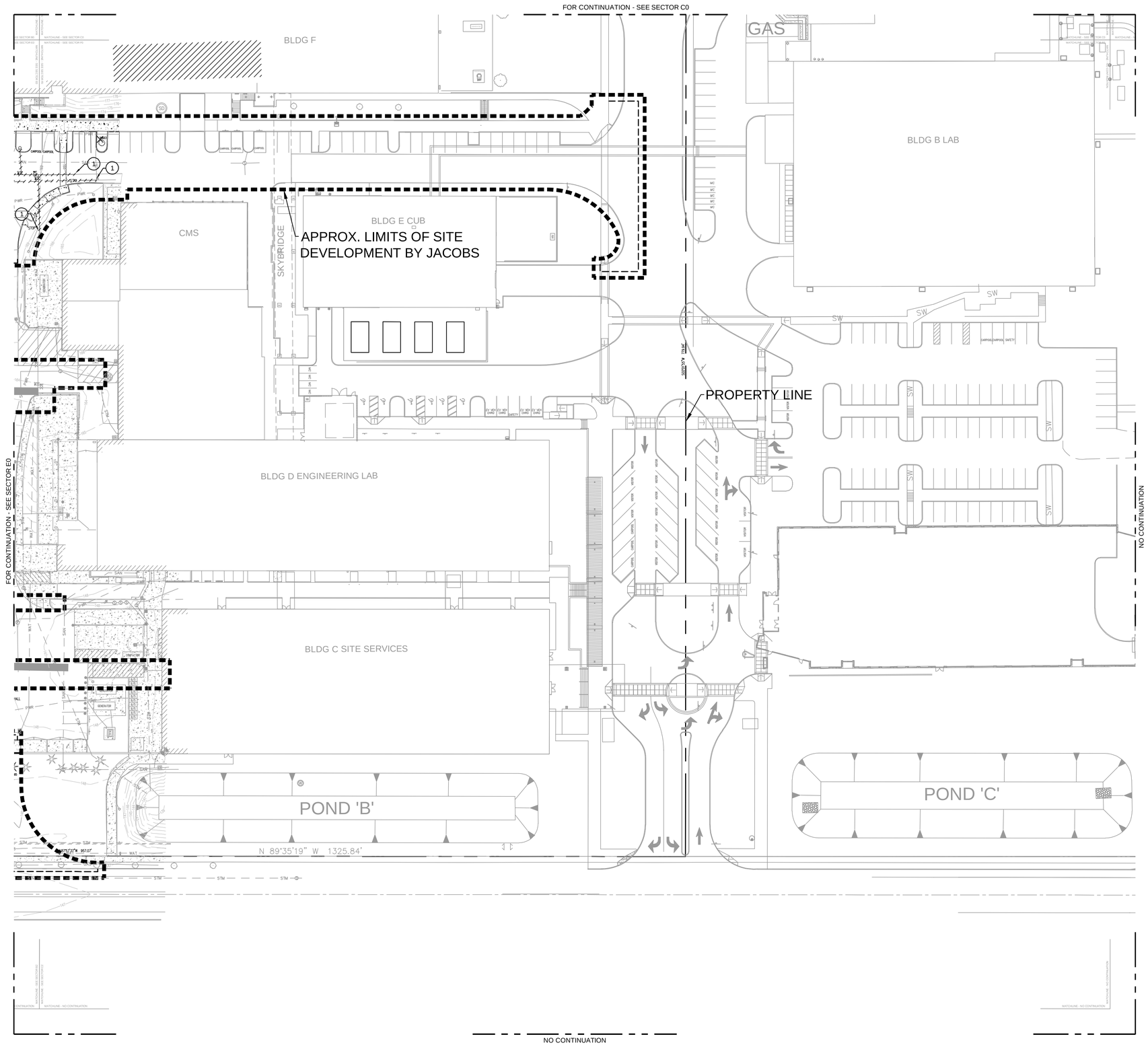
DATE ISSUED:
DRAWING SCALE: 1"=40'
ACAD FILE:
BUILDING DESIGNATOR:

DRAWING NUMBER:

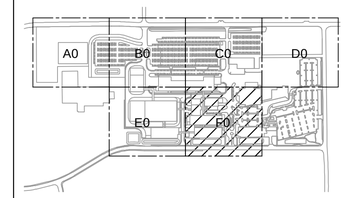
SCI-06E0

Name: SCI-06E0.dwg User: BOWLESD Date: 01/Jul/24 – 2:06 PM

File: C:\a2k_Rockwell\SCI-06E0.dwg Date: 7/01/24 - 2:06PM



KEY PLAN



GENERAL NOTES

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B FOR SITE DEVELOPMENT AND UTILITY CONTINUATION OUTSIDE OF PROPOSED LIMITS OF SITE DEVELOPMENT REFER MACKENZIE PACKAGE.

KEYED NOTES

NORTH

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0 1"

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Portland, Oregon 97201

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DESIGNED:
APPROVED:
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STAMP:

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Lam RESEARCH
Lam Research Corporation
4400 CUSHING PARKWAY
FREMONT, CA 94538

TITLE:

SITE-CIVIL
DEMOLITION
SECTOR F0
PLAN

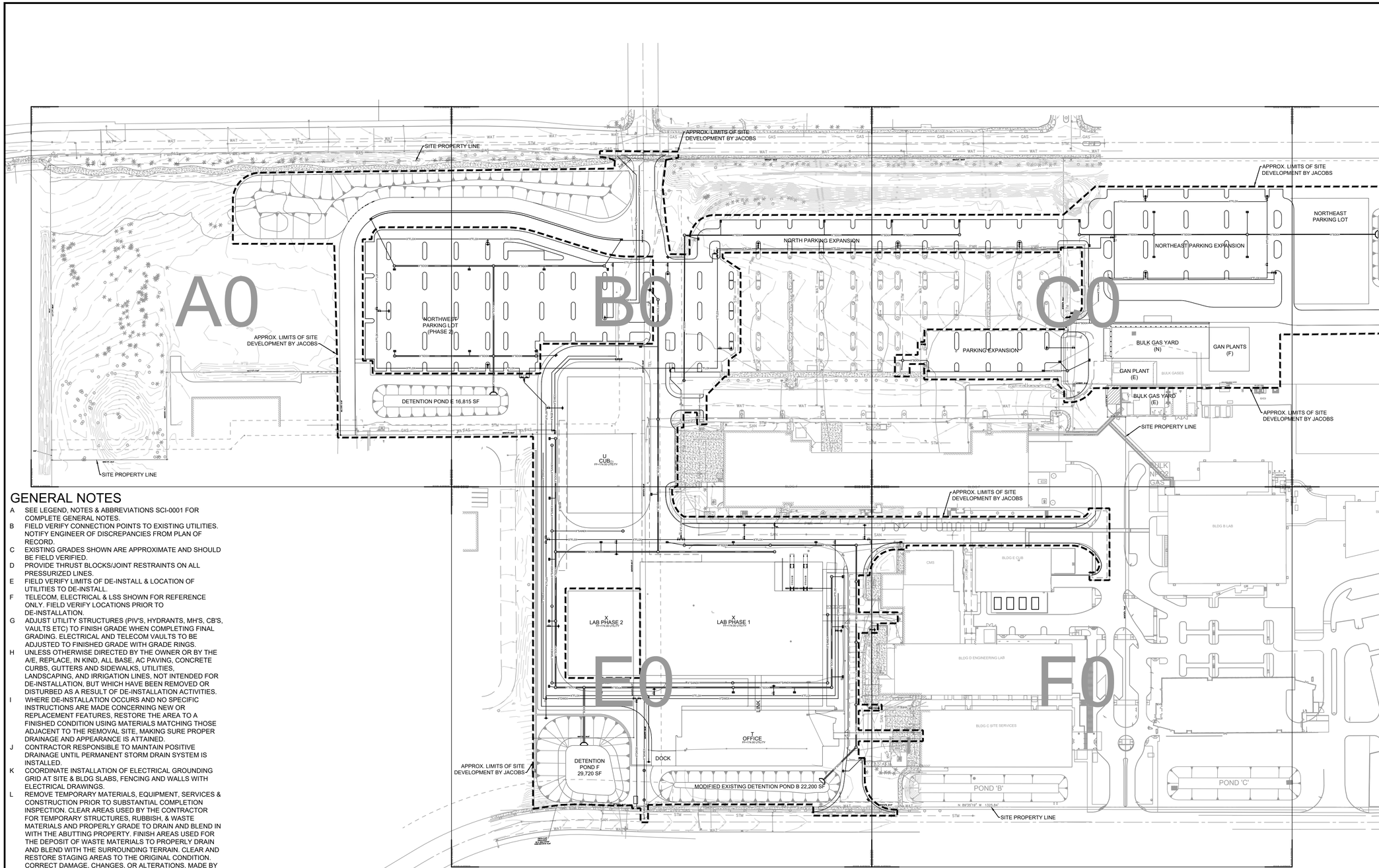
DATE ISSUED:
DRAWING SCALE: 1"=40'
ACAD FILE:
BUILDING DESIGNATOR:

DRAWING NUMBER:

SCI-06F0

Name: SCI-06F0.dwg User: BOWLESD Date: 01/Jul/24 - 2:14 PM

File: C:\a2k_Rockwell\SCI-06F0.dwg Date: 7/01/24 - 2:14PM



GENERAL NOTES

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J CONTRACTOR RESPONSIBLE TO MAINTAIN POSITIVE DRAINAGE UNTIL PERMANENT STORM DRAIN SYSTEM IS INSTALLED.

K COORDINATE INSTALLATION OF ELECTRICAL GROUNDING GRID AT SITE & BLDG SLABS, FENCING AND WALLS WITH ELECTRICAL DRAWINGS.

L REMOVE TEMPORARY MATERIALS, EQUIPMENT, SERVICES & CONSTRUCTION PRIOR TO SUBSTANTIAL COMPLETION INSPECTION. CLEAR AREAS USED BY THE CONTRACTOR FOR TEMPORARY STRUCTURES, RUBBISH, & WASTE MATERIALS AND PROPERLY GRADE TO DRAIN AND BLEND IN WITH THE ABUTTING PROPERTY. FINISH AREAS USED FOR THE DEPOSIT OF WASTE MATERIALS TO PROPERLY DRAIN AND BLEND WITH THE SURROUNDING TERRAIN. CLEAR AND RESTORE STAGING AREAS TO THE ORIGINAL CONDITION. CORRECT DAMAGE, CHANGES, OR ALTERATIONS, MADE BY THE CONTRACTOR TO STORAGE & LAYDOWN AREAS DURING CONSTRUCTION PRIOR TO DEMOBILIZATION. AREAS SHALL BE RETURNED TO THE CONDITION PRIOR TO START OF CONSTRUCTION, UNO ON SITE IMPROVEMENT PLANS.

M MANHOLE LID ADJUSTMENT REQUIRING GREATER THAN 12" OF STACKED GRADE RINGS WILL HAVE THE TOP SECTION REMOVED. A 12" OR GREATER PRECAST MANHOLE SECTION INSTALLED AND TOP SECTION REPLACED. ALIGN NEW STEPS WITH EXISTING STEPS. IN CASE OF FLAT TOP MANHOLE, REMOVE TOP LID SECTION & INSTALL PRECAST SECTION. REINSTALL RIM & LID TO GRADE.

N ROOF DRAINS, FOUNTAIN DRAINS, AND OTHER CLEAN WATER CONNECTIONS TO THE SANITARY SEWER SYSTEM ARE PROHIBITED.

O GRADES SHOWN ON UTILITY PLANS ARE FOR REFERENCE ONLY AND SHOULD NOT BE USED FOR FINAL CONSTRUCTION.

NORTH

BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"

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Portland, Oregon 97201

JACOBS PROJECT NO.: D3822800
CLIENT PROJECT NO.:
DRAWN:
REVIEWED:
DESIGNED:
APPROVED:
NOTICE:
STAMP:

PRELIMINARY NOT FOR CONSTRUCTION

NO.	REVISION OR ISSUE	DATE	BY

ARCHITECTURAL REVIEW
(NOT FOR CONSTRUCTION)

Lam RESEARCH
Lam Research Corporation
4400 CUSHING PARKWAY
FREMONT, CA 94538

TITLE:

SITE-CIVIL
UNDERGROUND UTILITIES
OVERALL
PLAN

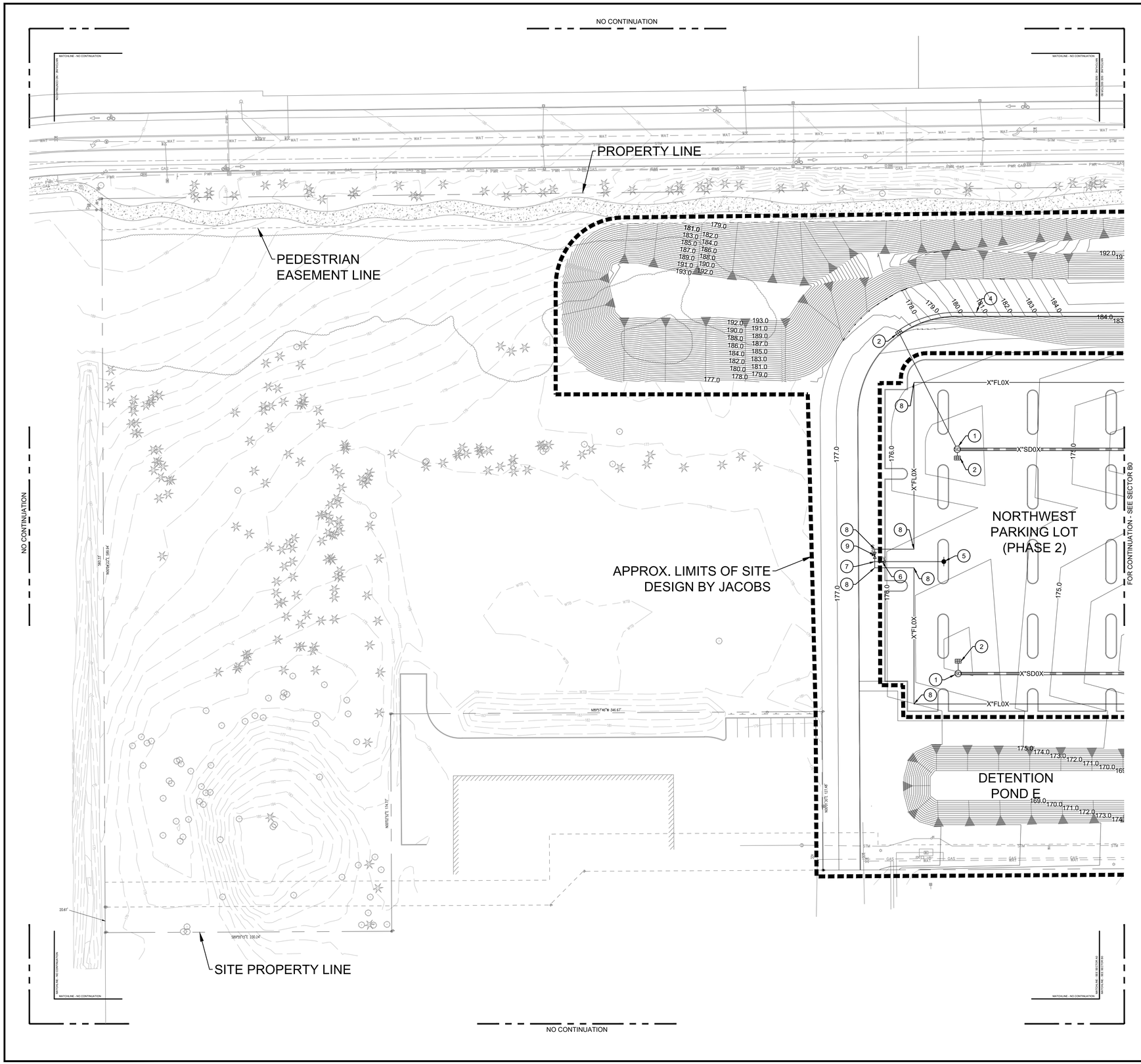
DATE ISSUED:
DRAWING SCALE: 1"=100'
ACAD FILE:
BUILDING DESIGNATOR:

DRAWING NUMBER:

SCI-0800

Name: SCI-0800.dwg User: AK050320 Date: 27/Jun/24 – 7:46 PM

File: C:\a2k_Rockwell\SCI-0800.dwg Date: 6/27/24 - 7:45PM



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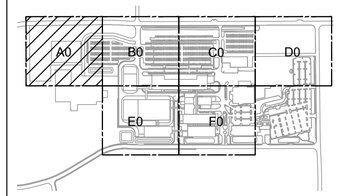

GENERAL NOTES

A SEE SCI-1100 FOR COMPLETE GENERAL NOTES.
B FOR SITE DEVELOPMENT AND UTILITY CONTINUATION OUTSIDE OF PROPOSED LIMITS OF SITE DEVELOPMENT REFER MACKENZIE PACKAGE.

KEYED NOTES

1 CONSTRUCT STORM DRAINAGE MANHOLE.
2 CONSTRUCT CATCH BASIN.
3 CONSTRUCT CULVERT HEADWALL.
4 CONSTRUCT CURB AND GUTTER.
5 INSTALL FIRE HYDRANT.
6 INSTALL GATE VALVE, BOX, AND COVER.
7 INSTALL TEE.
8 INSTALL 90-DEG BEND.
9 INSTALL POST INDICATOR ON VALVE.

NORTH

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Lam RESEARCH
Lam Research Corporation
4400 CUSHING PARKWAY
FREMONT, CA 94538

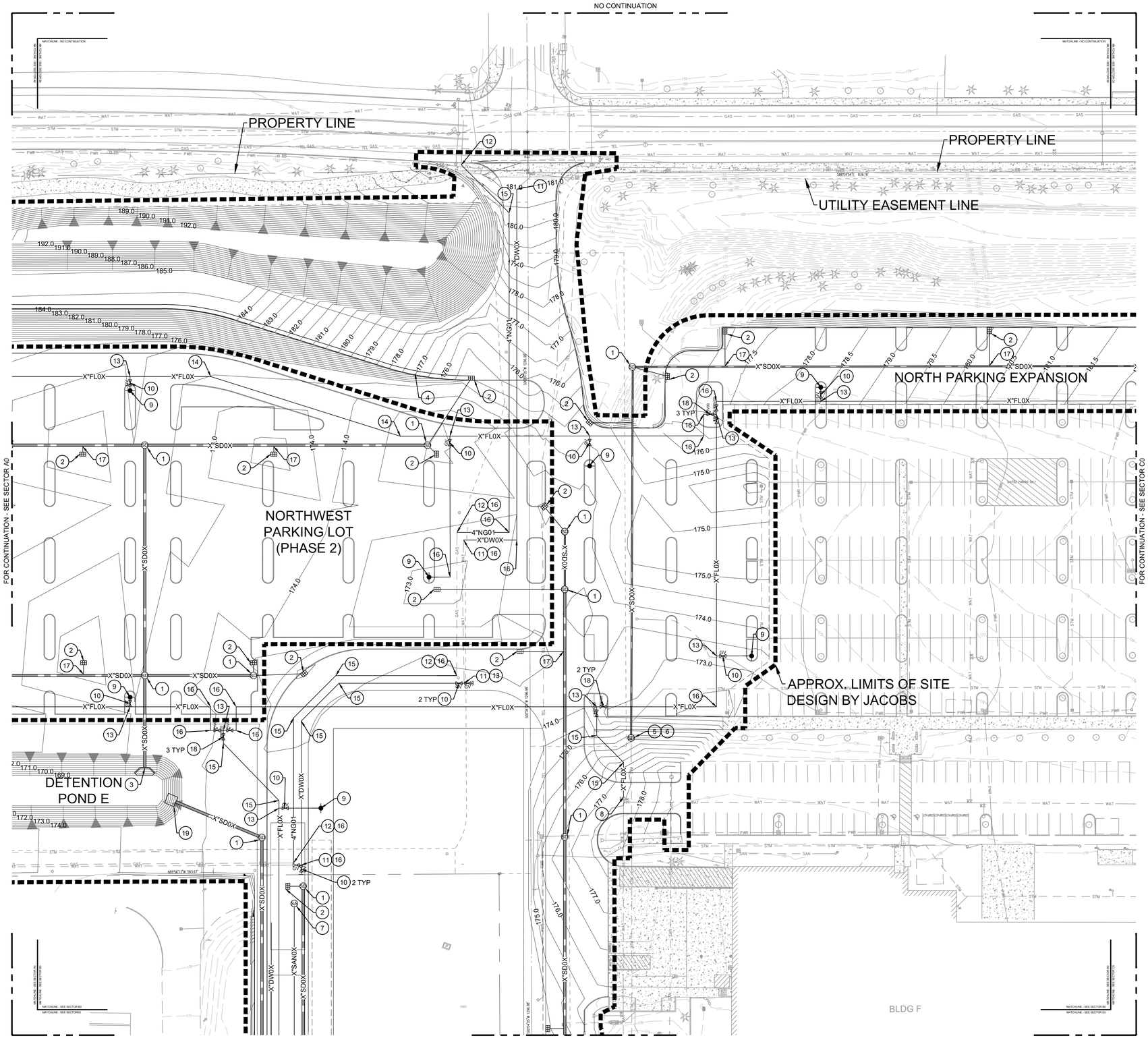
TITLE:
SITE-CIVIL
UNDERGROUND UTILITIES
SECTOR A0
PLAN

DATE ISSUED:
DRAWING SCALE: 1"=40'
ACAD FILE:
BUILDING DESIGNATOR:

DRAWING NUMBER:
SCI-08A0

Name: SCI-08A0.dwg User: AK050320 Date: 28/Jun/24 – 2:32 PM

File: C:\a2k_Rockwell\SCI-08A0.dwg Date: 6/28/24 - 2:32PM



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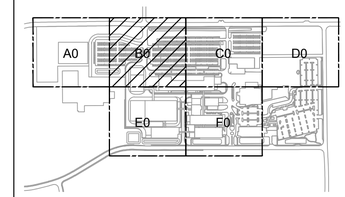

GENERAL NOTES

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KEYED NOTES

1 CONSTRUCT STORM DRAINAGE MANHOLE.
2 CONSTRUCT CATCH BASIN.
3 CONSTRUCT CULVERT HEADWALL.
4 CONSTRUCT CURB AND GUTTER.
5 CONNECT TO EXISTING STORM DRAINAGE.
6 CONSTRUCT STORM DRAINAGE MANHOLE OVER EXISTING PIPE.
7 CONSTRUCT SANITARY SEWER MANHOLE.
8 CONNECT TO EXISTING FIRE LINE.
9 INSTALL FIRE HYDRANT.
10 INSTALL GATE VALVE, BOX, AND COVER.
11 CONNECT TO EXISTING DOMESTIC WATER.
12 CONNECT TO EXISTING NATURAL GAS.
13 INSTALL TEE.
14 INSTALL 22.5-DEG BEND.
15 INSTALL 45-DEG BEND.
16 INSTALL 90-DEG BEND.
17 STORM DRAIN LATERAL CONNECTION, INSERTA-TEE OR EQUIVALENT.
18 INSTALL POST INDICATOR ON VALVE.
19 STORM WATER FLOW CONTROL STRUCTURE

NORTH

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0 1"

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FREMONT, CA 94538

TITLE:

SITE-CIVIL
UNDERGROUND UTILITIES
SECTOR A0
PLAN

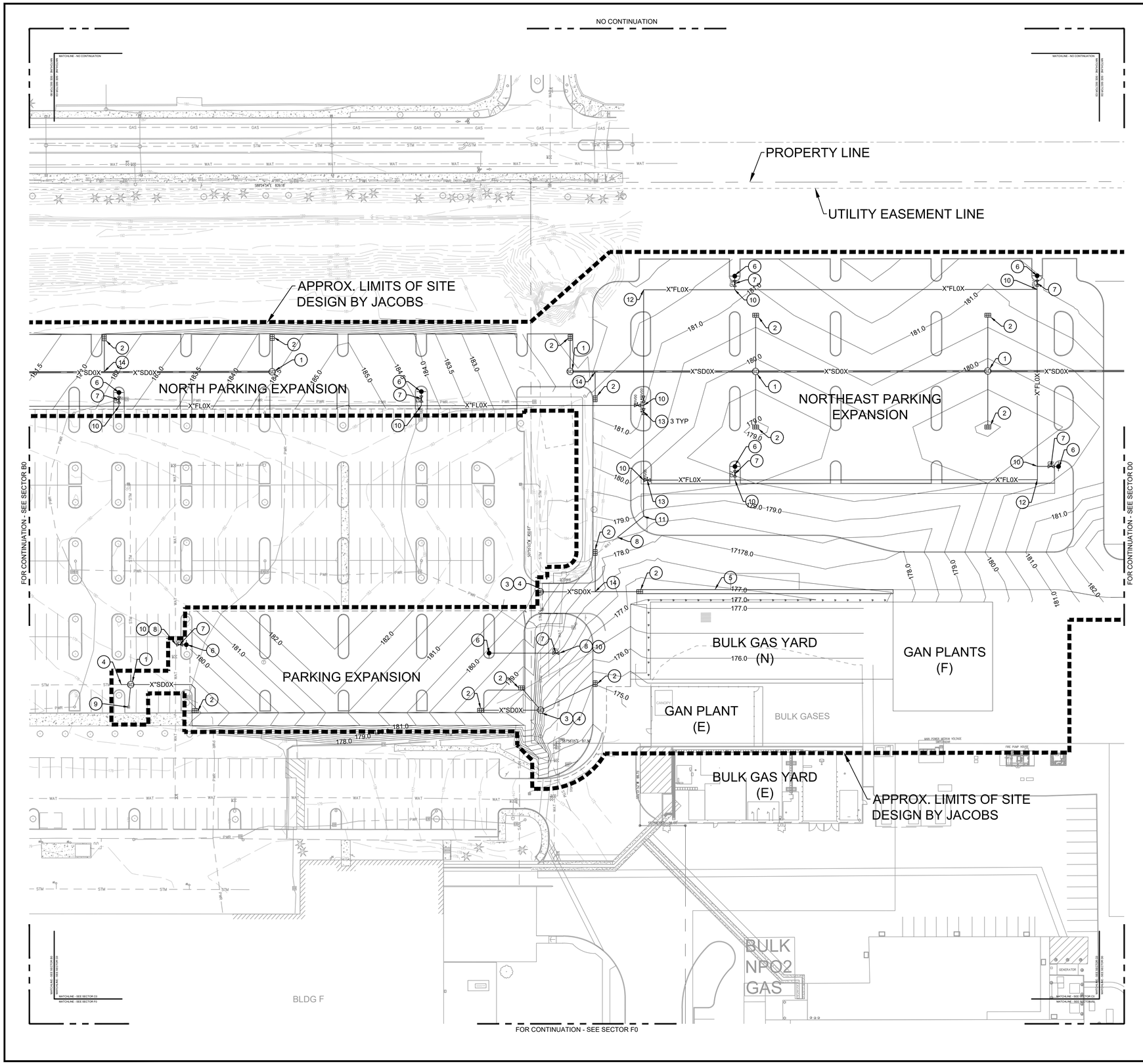
DATE ISSUED:
DRAWING SCALE: 1"=40'
ACAD FILE:
BUILDING DESIGNATOR:

DRAWING NUMBER:

SCI-08A0

Name: SCI-08B0.dwg User: AK050320 Date: 28/Jun/24 – 2:31 PM

File: C:\a2k_Rockwell\SCI-08B0.dwg Date: 6/28/24 - 2:31PM



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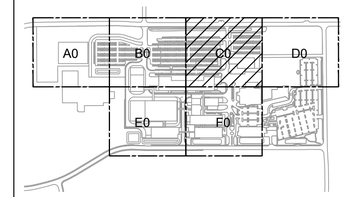

GENERAL NOTES

A SEE SCI-1100 FOR COMPLETE GENERAL NOTES.
B FOR SITE DEVELOPMENT AND UTILITY CONTINUATION OUTSIDE OF PROPOSED LIMITS OF SITE DEVELOPMENT REFER MACKENZIE PACKAGE.

KEYED NOTES

1 CONSTRUCT STORM DRAINAGE MANHOLE.
2 CONSTRUCT CATCH BASIN.
3 CONSTRUCT STORM DRAINAGE MANHOLE OVER EXISTING PIPE.
4 CONNECT TO EXISTING STORM DRAINAGE.
5 CONSTRUCT CURB AND GUTTER.
6 INSTALL FIRE HYDRANT.
7 INSTALL GATE VALVE, BOX, AND COVER.
8 CONNECT TO EXISTING FIRE LINE.
9 CONNECT EXISTING CATCH BASIN.
10 INSTALL TEE.
11 INSTALL 45-DEG BEND.
12 INSTALL 90-DEG BEND.
13 INSTALL POST INDICATOR ON VALVE.
14 STORM DRAIN LATERAL CONNECTION, INSERTA-TEE OR EQUIVALENT.

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FREMONT, CA 94538

TITLE:

SITE-CIVIL
UNDERGROUND UTILITIES
SECTOR C0
PLAN

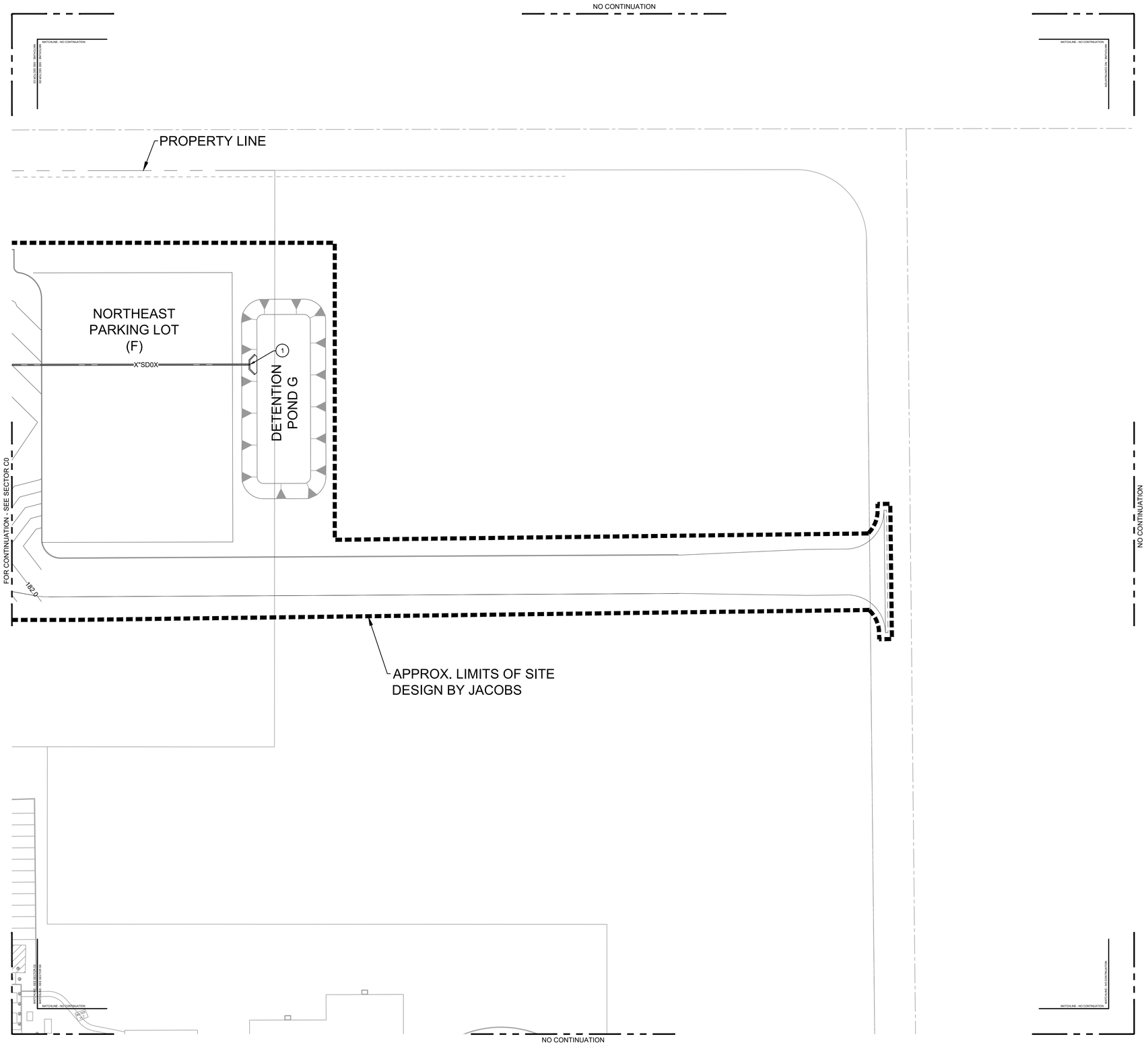
DATE ISSUED:
DRAWING SCALE: 1"=40'
ACAD FILE:
BUILDING DESIGNATOR:

DRAWING NUMBER:

SCI-08C0

Name: SCI-08C0.dwg User: AK050320 Date: 28/Jun/24 – 2:34 PM

File: C:\a2k_Rockwell\SCI-08C0.dwg Date: 6/28/24 - 2:34PM



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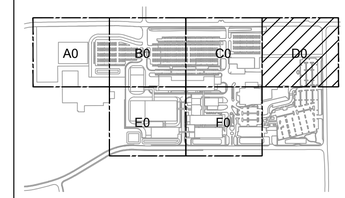

GENERAL NOTES

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B FOR SITE DEVELOPMENT AND UTILITY CONTINUATION OUTSIDE OF PROPOSED LIMITS OF SITE DEVELOPMENT REFER MACKENZIE PACKAGE.

KEYED NOTES

1 CONSTRUCT CULVERT HEADWALL.

NORTH

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4400 CUSHING PARKWAY
FREMONT, CA 94538

TITLE:

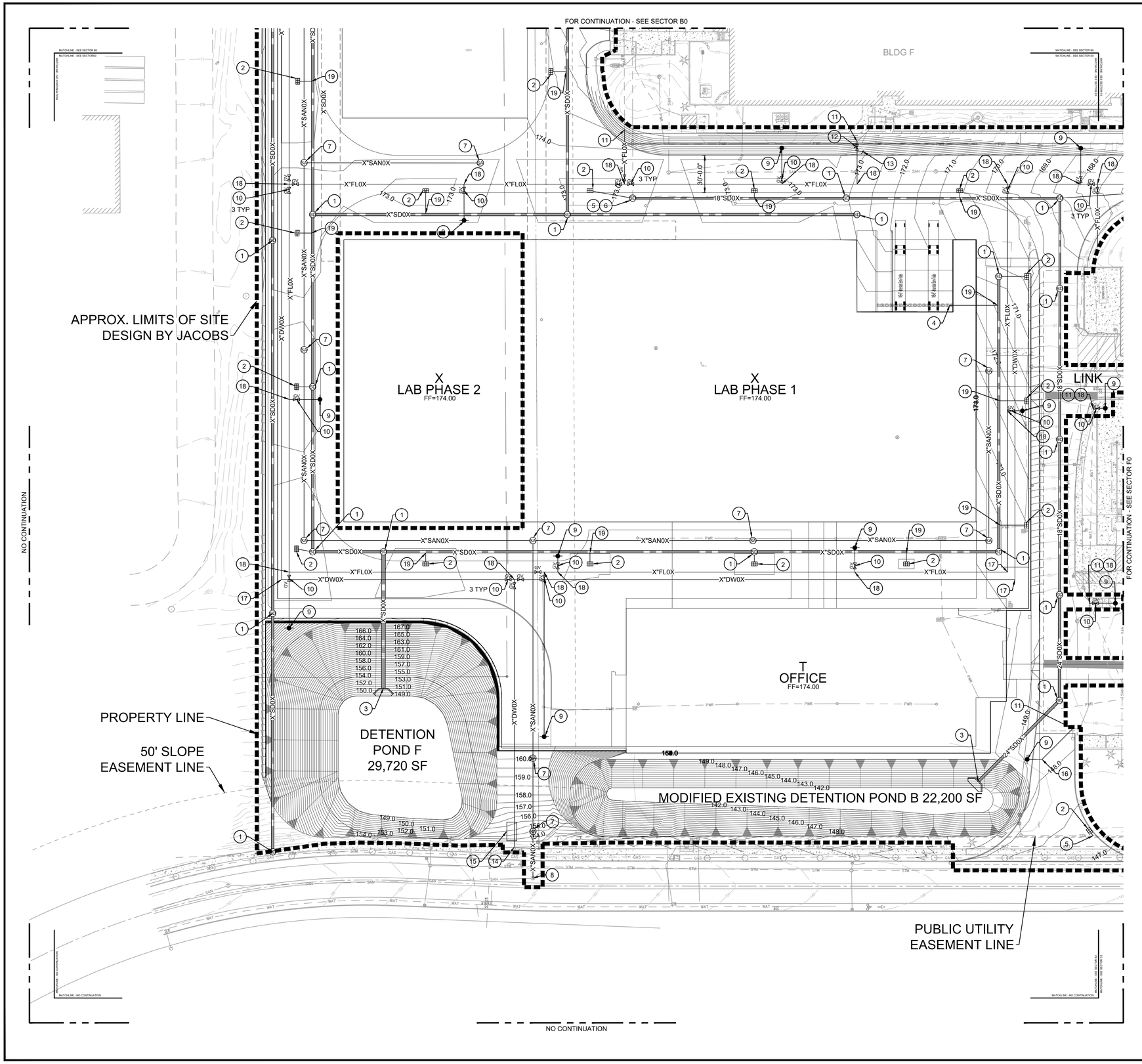
SITE-CIVIL
UNDERGROUND UTILITIES
SECTOR D0
PLAN

DATE ISSUED:
DRAWING SCALE: 1"=40'
ACAD FILE:
BUILDING DESIGNATOR:

DRAWING NUMBER:

SCI-08D0

Name: SCI-08D0.dwg User: AK050320 Date: 28/Jun/24 – 1:39 PM



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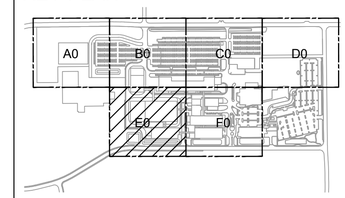

GENERAL NOTES

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B FOR SITE DEVELOPMENT AND UTILITY CONTINUATION OUTSIDE OF PROPOSED LIMITS OF SITE DEVELOPMENT REFER MACKENZIE PACKAGE.

KEYED NOTES

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2 CONSTRUCT CATCH BASIN.
3 CONSTRUCT CULVERT HEADWALL.
4 CONNECT TRENCH DRAIN.
5 CONNECT TO EXISTING STORM DRAIN.
6 CONSTRUCT STORM DRAINAGE MANHOLE OVER EXISTING PIPE.
7 CONSTRUCT SANITARY SEWER MANHOLE.
8 CONNECT TO EXISTING SANITARY SEWER.
9 INSTALL FIRE HYDRANT.
10 INSTALL GATE VALVE, BOX, AND COVER.
11 CONNECT TO EXISTING FIRE LINE.
12 INSTALL POST INDICATOR ON VALVE.
13 INSTALL FIRE DEPARTMENT CONNECTION.
14 CONNECT TO EXISTING DOMESTIC WATER.
15 INSTALL XX" WATER METER WITH FULL LINE SIZE BYPASS IN BELOW GROUND VAULT.
16 INSTALL 45-DEG BEND.
17 INSTALL 90-DEG BEND.
18 INSTALL TEE.
19 STORM DRAIN LATERAL CONNECTION, INSERTA-TEE OR EQUIVALENT.

NORTH

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0 1"

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FREMONT, CA 94538

TITLE:

SITE-CIVIL
UNDERGROUND UTILITIES
SECTOR E0
PLAN

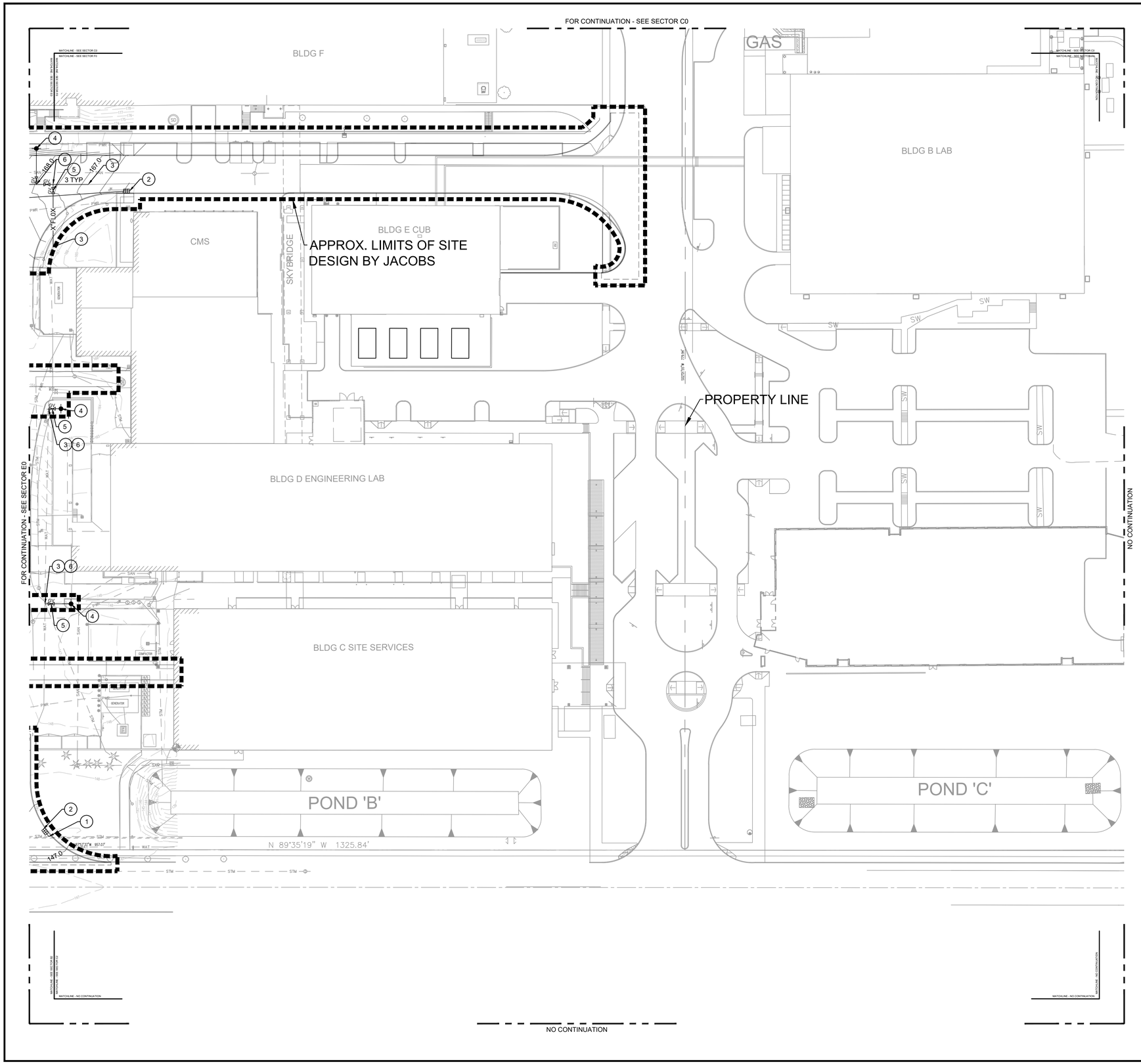
DATE ISSUED:
DRAWING SCALE: 1"=40'
ACAD FILE:
BUILDING DESIGNATOR:

DRAWING NUMBER:

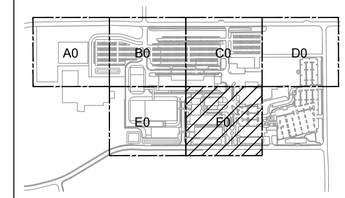
SCI-08E0

Name: SCI-08E0.dwg User: AK050320 Date: 28/Jun/24 – 2:37 PM

File: C:\a2k_Rockwell\SCI-08E0.dwg Date: 6/28/24 - 2:37PM



KEY PLAN



GENERAL NOTES

A SEE SCI-1100 FOR COMPLETE GENERAL NOTES.
B FOR SITE DEVELOPMENT AND UTILITY CONTINUATION OUTSIDE OF PROPOSED LIMITS OF SITE DEVELOPMENT REFER MACKENZIE PACKAGE.

KEYED NOTES

1 CONNECT TO EXISTING STORM DRAINAGE.
2 CONSTRUCT CATCH BASIN.
3 CONNECT TO EXISTING FIRE LINE.
4 INSTALL FIRE HYDRANT.
5 INSTALL GATE VALVE.
6 INSTALL TEE.

NORTH

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FREMONT, CA 94538

TITLE:

SITE-CIVIL
UNDERGROUND UTILITIES
SECTOR F0
PLAN

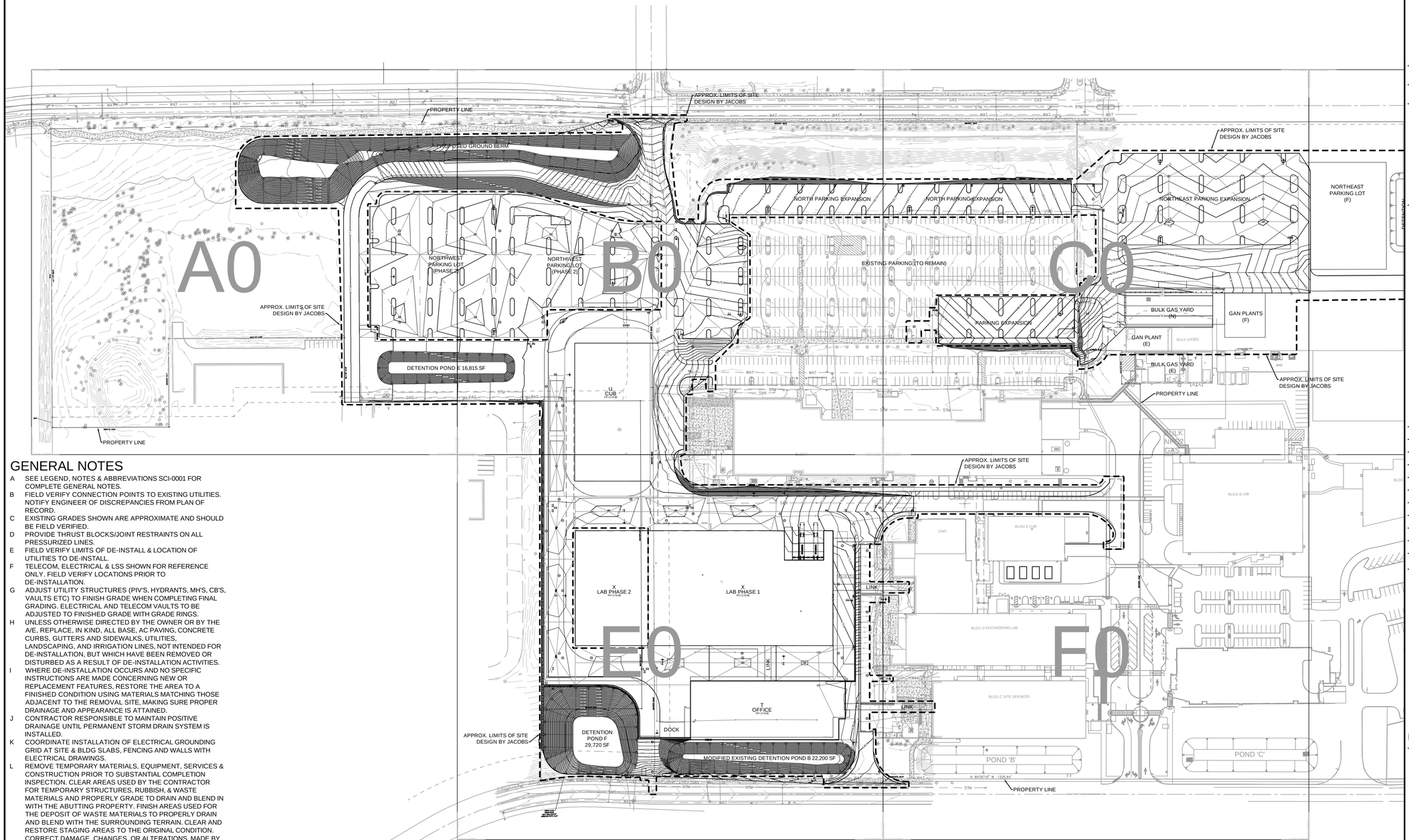
DATE ISSUED:
DRAWING SCALE: 1"=40'
ACAD FILE:
BUILDING DESIGNATOR:

DRAWING NUMBER:

SCI-08F0

Name: SCI-08F0.dwg User: AK050320 Date: 28/Jun/24 – 2:23 PM

File: C:\a2k_Rockwell\SCI-08F0.dwg Date: 6/28/24 - 2:23PM



GENERAL NOTES

A SEE LEGEND, NOTES & ABBREVIATIONS SCI-0001 FOR COMPLETE GENERAL NOTES.

B FIELD VERIFY CONNECTION POINTS TO EXISTING UTILITIES. NOTIFY ENGINEER OF DISCREPANCIES FROM PLAN OF RECORD.

C EXISTING GRADES SHOWN ARE APPROXIMATE AND SHOULD BE FIELD VERIFIED.

D PROVIDE THRUST BLOCKS/JOINT RESTRAINTS ON ALL PRESSURIZED LINES.

E FIELD VERIFY LIMITS OF DE-INSTALL & LOCATION OF UTILITIES TO DE-INSTALL.

F TELECOM, ELECTRICAL & LSS SHOWN FOR REFERENCE ONLY. FIELD VERIFY LOCATIONS PRIOR TO DE-INSTALLATION.

G ADJUST UTILITY STRUCTURES (PIV'S, HYDRANTS, MH'S, CB'S, VAULTS ETC) TO FINISH GRADE WHEN COMPLETING FINAL GRADING. ELECTRICAL AND TELECOM VAULTS TO BE ADJUSTED TO FINISHED GRADE WITH GRADE RINGS.

H UNLESS OTHERWISE DIRECTED BY THE OWNER OR BY THE A/E, REPLACE, IN KIND, ALL BASE, AC PAVING, CONCRETE CURBS, GUTTERS AND SIDEWALKS, UTILITIES, LANDSCAPING, AND IRRIGATION LINES, NOT INTENDED FOR DE-INSTALLATION, BUT WHICH HAVE BEEN REMOVED OR DISTURBED AS A RESULT OF DE-INSTALLATION ACTIVITIES.

I WHERE DE-INSTALLATION OCCURS AND NO SPECIFIC INSTRUCTIONS ARE MADE CONCERNING NEW OR REPLACEMENT FEATURES, RESTORE THE AREA TO A FINISHED CONDITION USING MATERIALS MATCHING THOSE ADJACENT TO THE REMOVAL SITE, MAKING SURE PROPER DRAINAGE AND APPEARANCE IS ATTAINED.

J CONTRACTOR RESPONSIBLE TO MAINTAIN POSITIVE DRAINAGE UNTIL PERMANENT STORM DRAIN SYSTEM IS INSTALLED.

K COORDINATE INSTALLATION OF ELECTRICAL GROUNDING GRID AT SITE & BLDG SLABS, FENCING AND WALLS WITH ELECTRICAL DRAWINGS.

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N ROOF DRAINS, FOUNTAIN DRAINS, AND OTHER CLEAN WATER CONNECTIONS TO THE SANITARY SEWER SYSTEM ARE PROHIBITED.

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ARCHITECTURAL REVIEW (NOT FOR CONSTRUCTION)

Lam RESEARCH
Lam Research Corporation
4400 CUSHING PARKWAY
FREMONT, CA 94538

TITLE:

SITE-CIVIL GRADING OVERALL PLAN

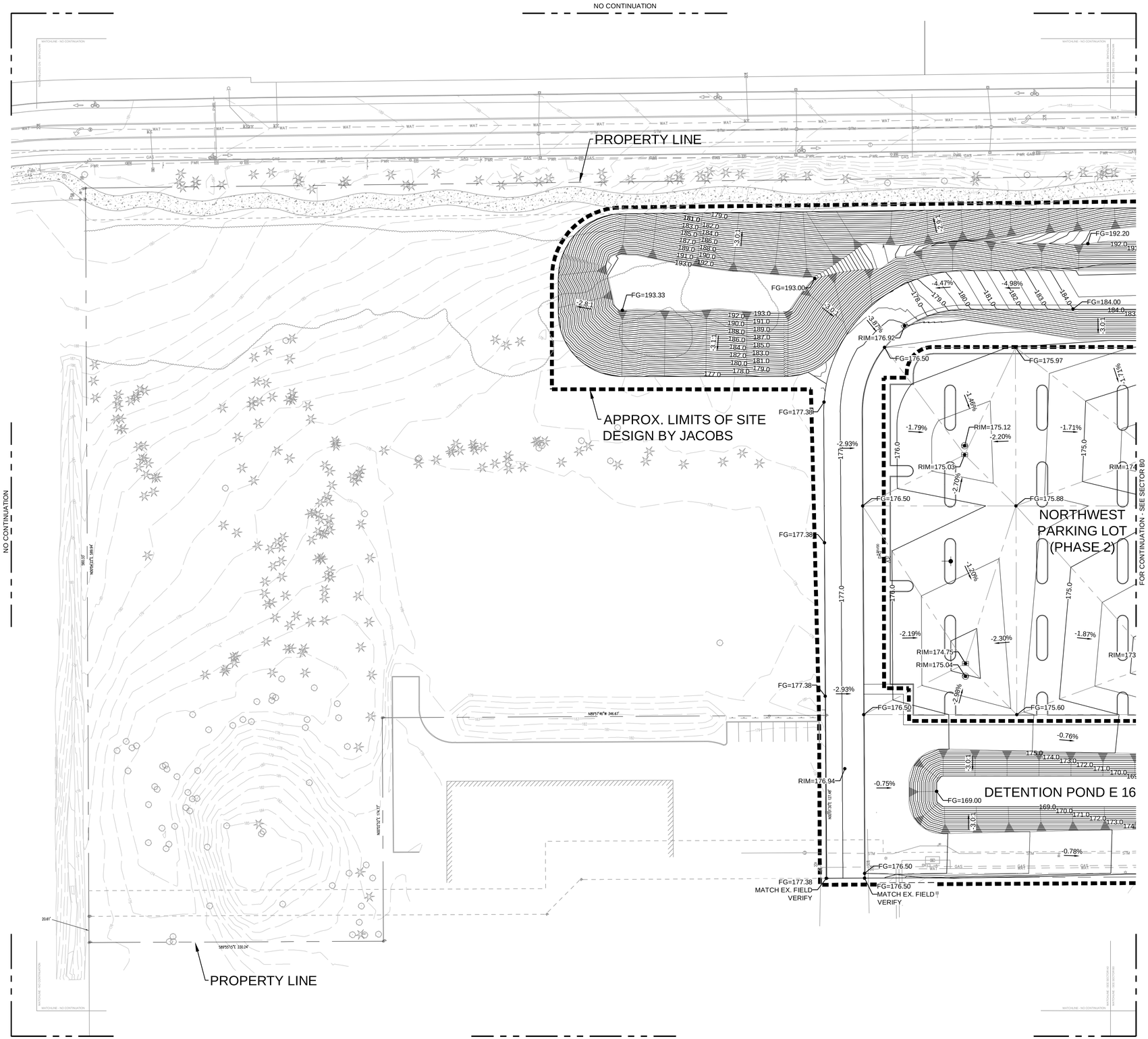
DATE ISSUED:
DRAWING SCALE: 1"=100'
ACAD FILE:
BUILDING DESIGNATOR:

DRAWING NUMBER:

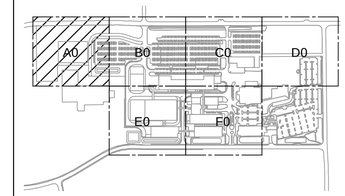
SCI-1000

Name: SCI-1000.dwg User: WG057636 Date: 28/Jun/24 – 2:11 PM

File: C:\a2k_Rockwell\SCI-1000.dwg Date: 6/28/24 - 2:11PM



KEY PLAN



GENERAL NOTES

A SEE SCI-1000 FOR COMPLETE GENERAL NOTES.
B FOR SITE DEVELOPMENT AND UTILITY CONTINUATION OUTSIDE OF PROPOSED LIMITS OF SITE DEVELOPMENT REFER MACKENZIE PACKAGE.

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SECTOR A0
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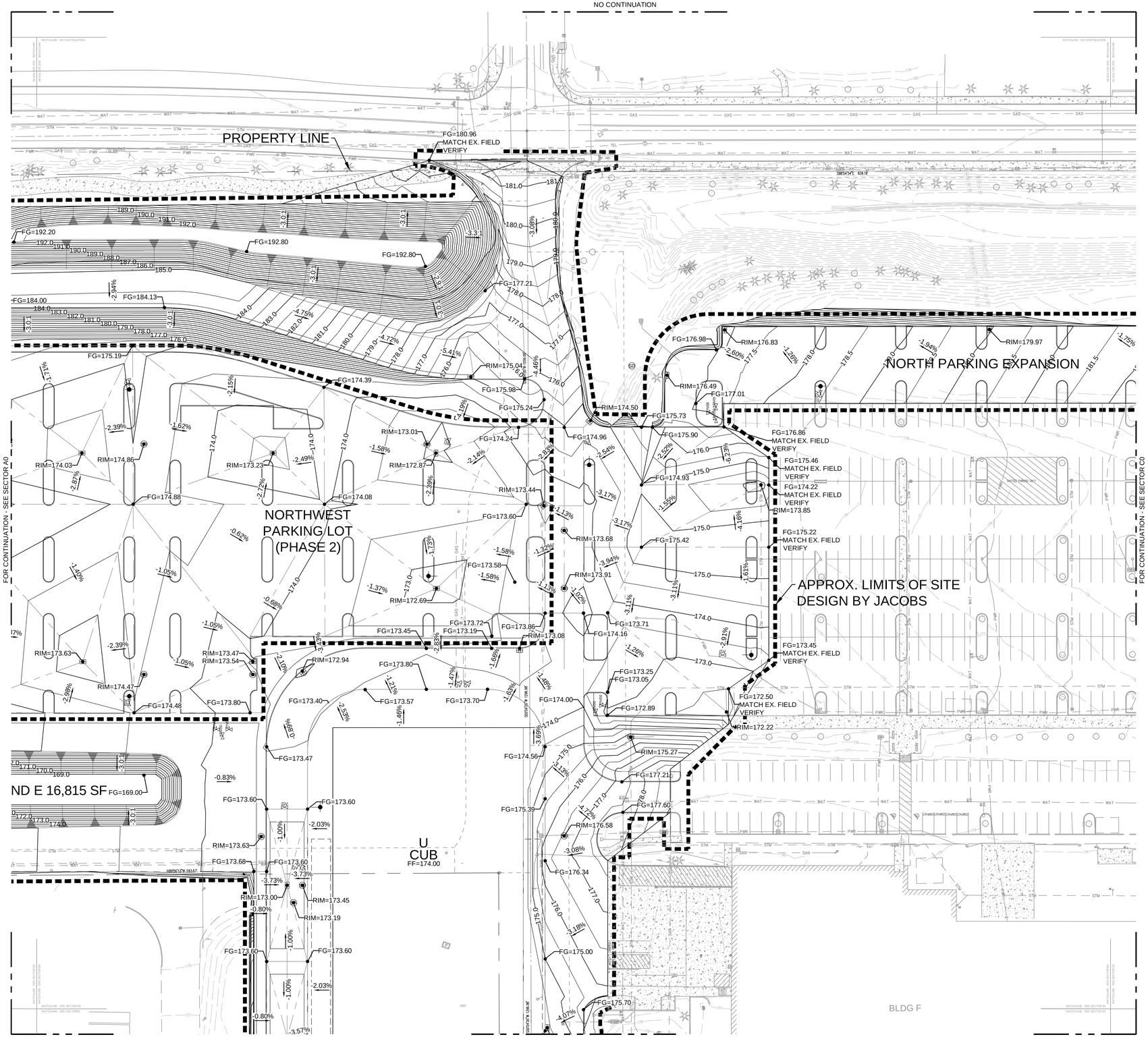
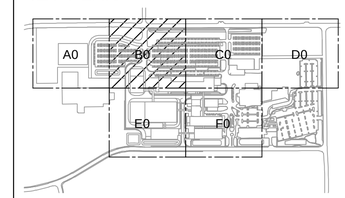


KEY PLAN



GENERAL NOTES

A SEE SCI-1000 FOR COMPLETE GENERAL NOTES.
B FOR SITE DEVELOPMENT AND UTILITY CONTINUATION OUTSIDE OF PROPOSED LIMITS OF SITE DEVELOPMENT REFER MACKENZIE PACKAGE.

NORTH

BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"

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Portland Office
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Portland, Oregon 97201

JACOBS PROJECT NO.: D3822800
CLIENT PROJECT NO.:
DRAWN:
REVIEWED:
DESIGNED:
APPROVED:
NOTICE:
STAMP:

PRELIMINARY NOT FOR CONSTRUCTION

NO.	REVISION OR ISSUE	DATE	BY

ARCHITECTURAL REVIEW
(NOT FOR CONSTRUCTION)

Lam RESEARCH
Lam Research Corporation
4400 CUSHING PARKWAY
FREMONT, CA 94538

TITLE:

SITE-CIVIL
GRADING
SECTOR B0
PLAN

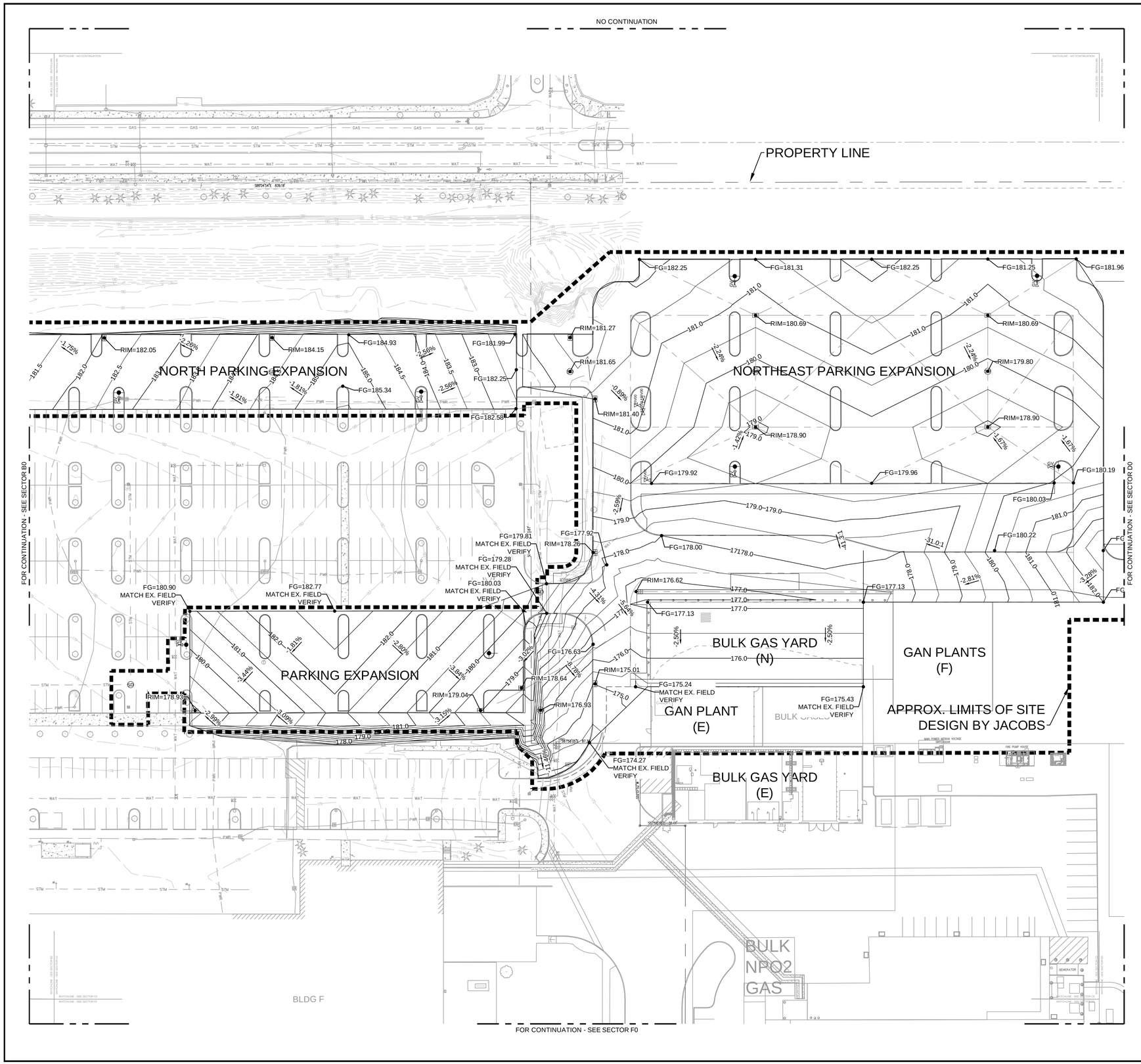
DATE ISSUED:
DRAWING SCALE: 1"=40'
ACAD FILE:
BUILDING DESIGNATOR:

DRAWING NUMBER:

SCI-10B0

Name: SCI-10B0.dwg User: WG057636 Date: 28/Jun/24 – 1:52 PM

File: C:\a2k_Rockwell\SCI-10B0.dwg Date: 6/28/24 - 1:52PM



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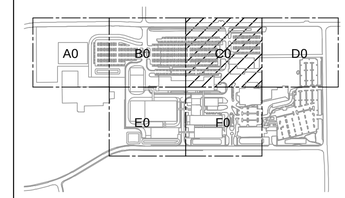

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4400 CUSHING PARKWAY
FREMONT, CA 94538

TITLE:

SITE-CIVIL
GRADING
SECTOR C0
PLAN

DATE ISSUED:
DRAWING SCALE: 1"=40'
ACAD FILE:
BUILDING DESIGNATOR:

DRAWING NUMBER:

SCI-10C0

Name: SCI-10C0.dwg User: WG057636 Date: 28/Jun/24 – 1:57 PM

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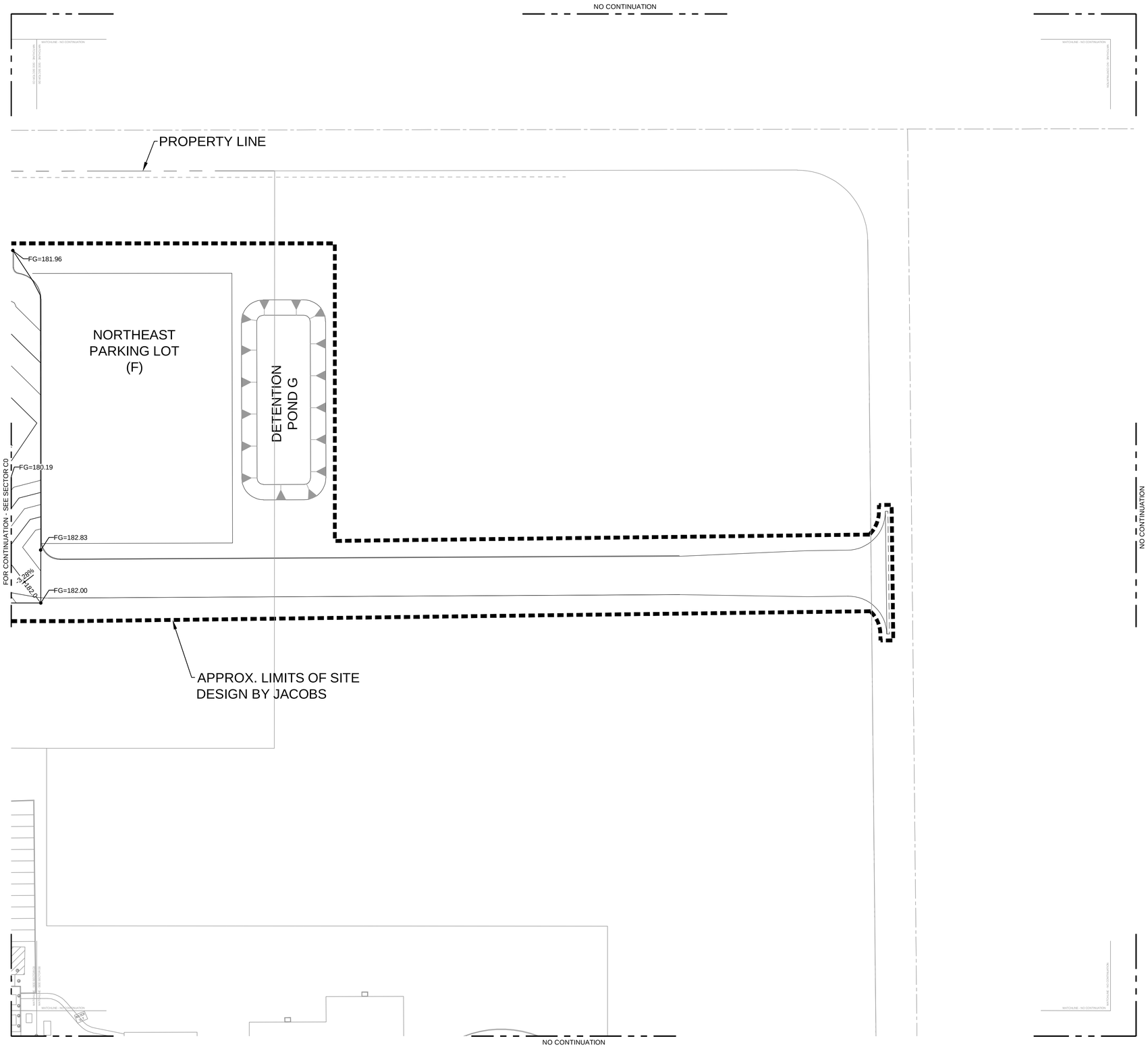

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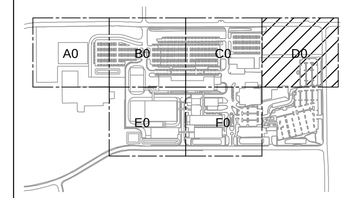

GENERAL NOTES

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4400 CUSHING PARKWAY
FREMONT, CA 94538

TITLE:

SITE-CIVIL
GRADING
SECTOR D0
PLAN

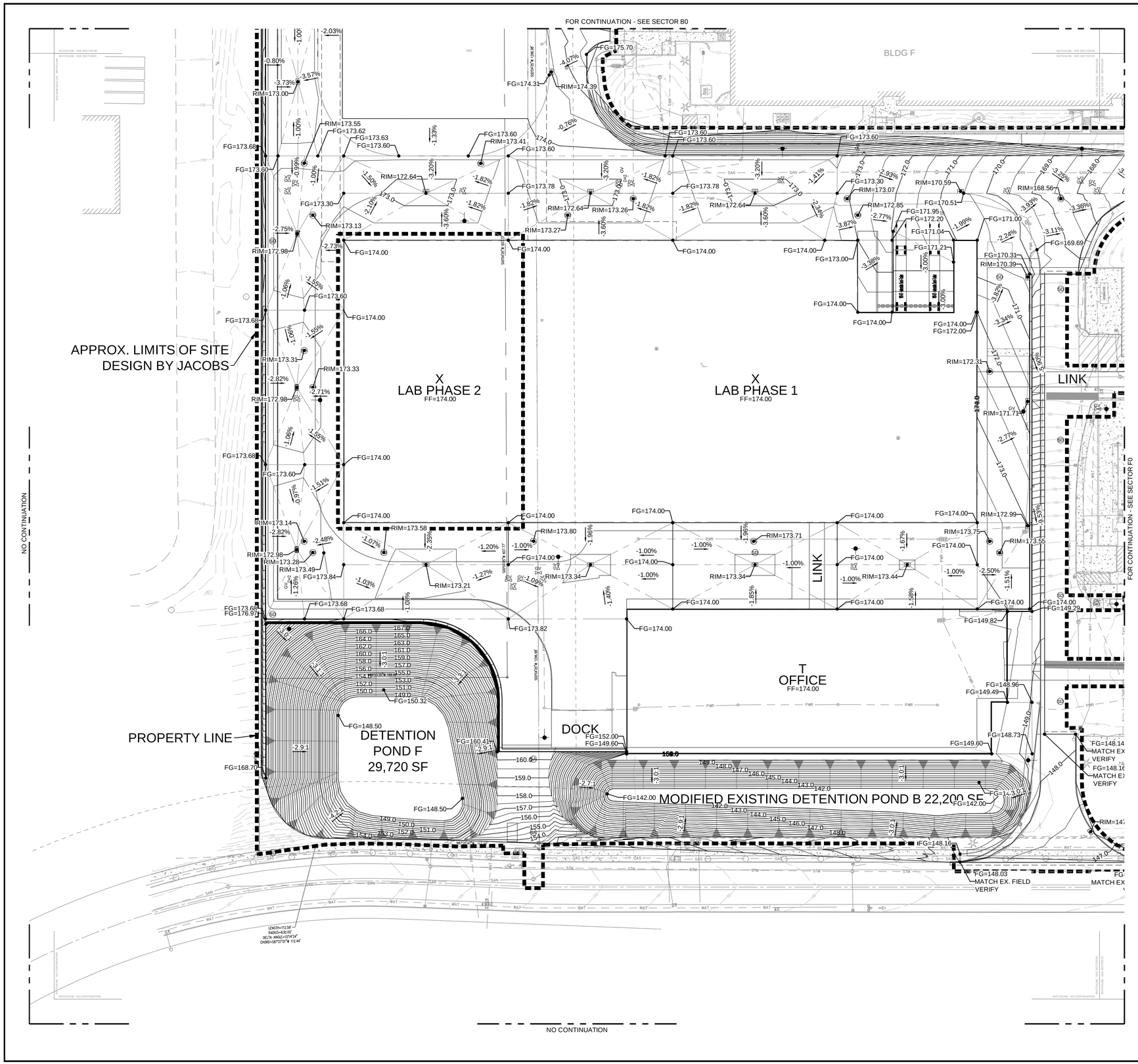
DATE ISSUED:
DRAWING SCALE: 1"=40'
ACAD FILE:
BUILDING DESIGNATOR:

DRAWING NUMBER:

SCI-10D0

Name: SCI-10D0.dwg User: WG057636 Date: 28/Jun/24 – 2:00 PM

File: C:\a2k_Rockwell\SCI-10D0.dwg Date: 6/28/24 - 2:00PM



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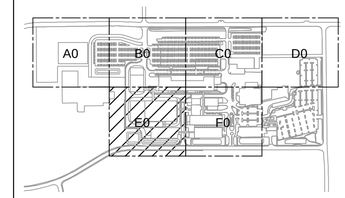

GENERAL NOTES

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4400 CUSHING PARKWAY
FREMONT, CA 94538

TITLE:

SITE-CIVIL
GRADING
SECTOR E0
PLAN

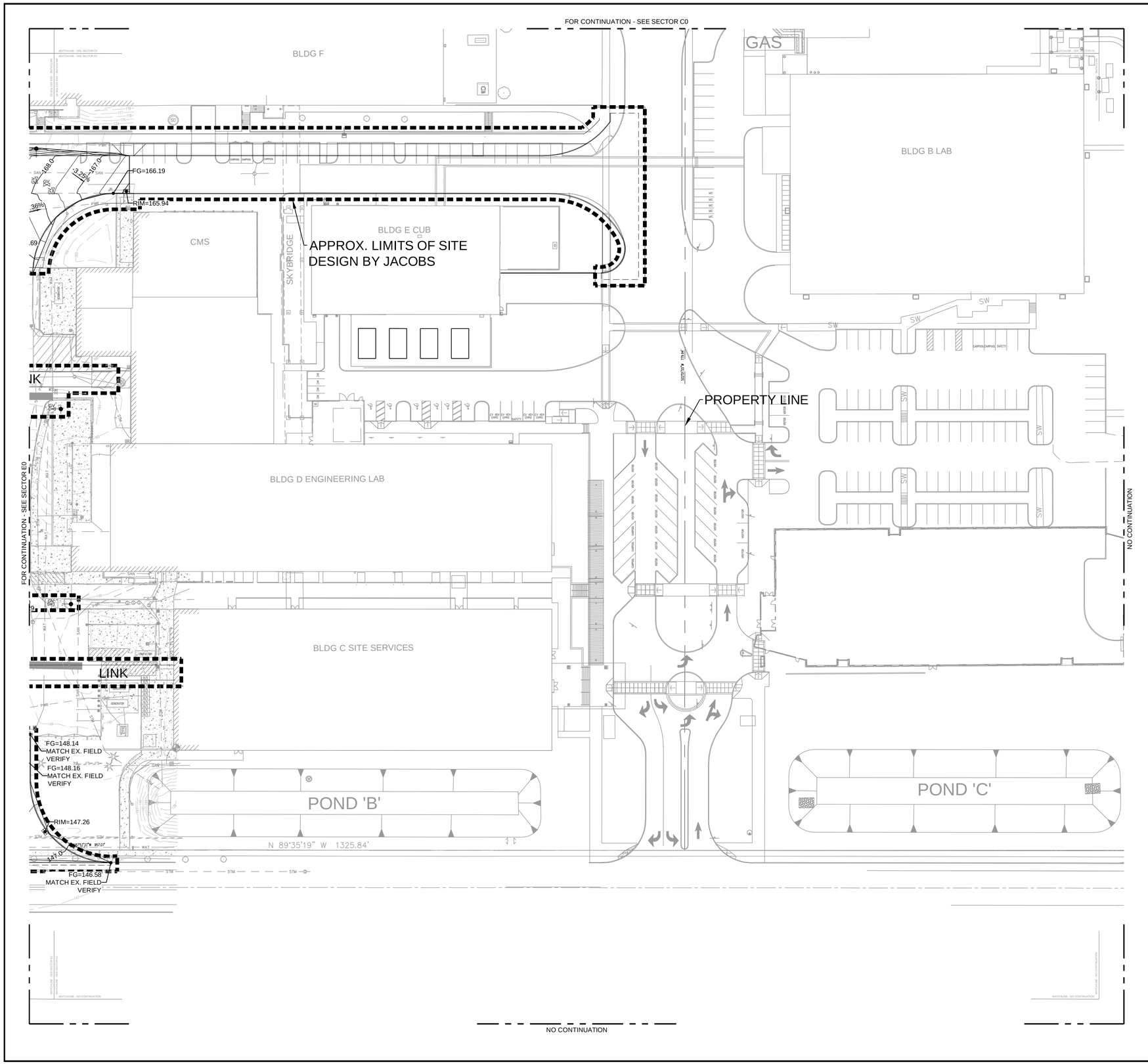
DATE ISSUED:
DRAWING SCALE: 1"=40'
ACAD FILE:
BUILDING DESIGNATOR:

DRAWING NUMBER:

SCI-10E0

Name: SCI-10E0.dwg User: WG057636 Date: 28/Jun/24 – 2:09 PM

File: C:\a2k_Rockwell\SCI-10E0.dwg Date: 6/28/24 - 2:09PM



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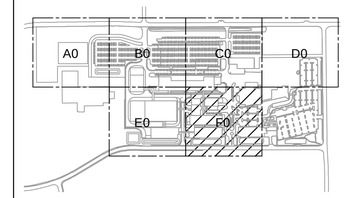

GENERAL NOTES

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Lam RESEARCH
Lam Research Corporation
4400 CUSHING PARKWAY
FREMONT, CA 94538

TITLE:

SITE-CIVIL
UNDERGROUND UTILITIES
SECTOR F0
PLAN

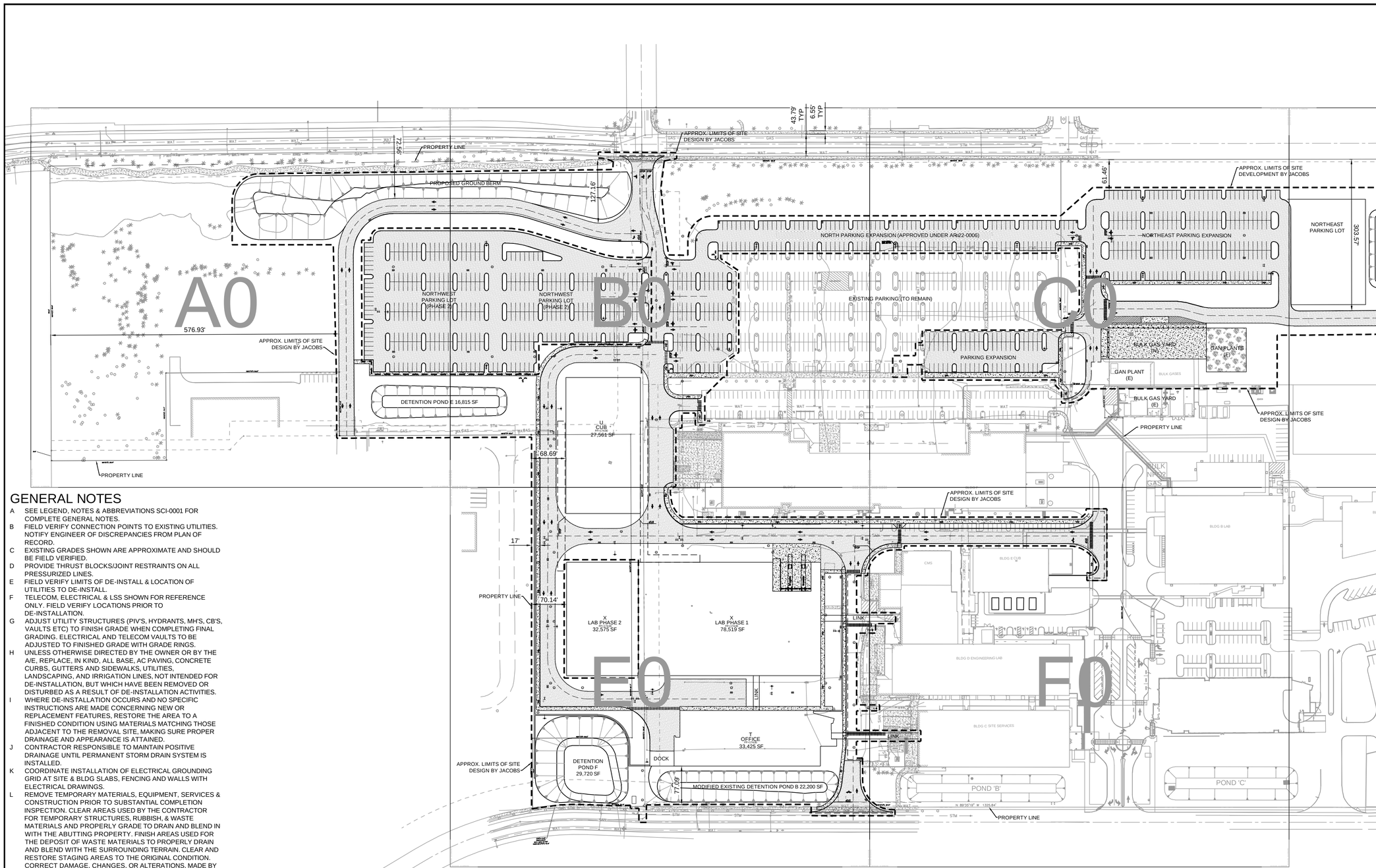
DATE ISSUED:
DRAWING SCALE: 1"=40'
ACAD FILE:
BUILDING DESIGNATOR:

DRAWING NUMBER:

SCI-10F0

Name: SCI-10F0.dwg User: WG057636 Date: 28/Jun/24 – 2:08 PM

File: C:\a2k_Rockwell\SCI-10F0.dwg Date: 6/28/24 - 2:07PM



GENERAL NOTES

A SEE LEGEND, NOTES & ABBREVIATIONS SCI-0001 FOR COMPLETE GENERAL NOTES.

B FIELD VERIFY CONNECTION POINTS TO EXISTING UTILITIES. NOTIFY ENGINEER OF DISCREPANCIES FROM PLAN OF RECORD.

C EXISTING GRADES SHOWN ARE APPROXIMATE AND SHOULD BE FIELD VERIFIED.

D PROVIDE THRUST BLOCKS/JOINT RESTRAINTS ON ALL PRESSURIZED LINES.

E FIELD VERIFY LIMITS OF DE-INSTALL & LOCATION OF UTILITIES TO DE-INSTALL.

F TELECOM, ELECTRICAL & LSS SHOWN FOR REFERENCE ONLY. FIELD VERIFY LOCATIONS PRIOR TO DE-INSTALLATION.

G ADJUST UTILITY STRUCTURES (PIV'S, HYDRANTS, MH'S, CB'S, VAULTS ETC) TO FINISH GRADE WHEN COMPLETING FINAL GRADING. ELECTRICAL AND TELECOM VAULTS TO BE ADJUSTED TO FINISHED GRADE WITH GRADE RINGS.

H UNLESS OTHERWISE DIRECTED BY THE OWNER OR BY THE A/E, REPLACE, IN KIND, ALL BASE, AC PAVING, CONCRETE CURBS, GUTTERS AND SIDEWALKS, UTILITIES, LANDSCAPING, AND IRRIGATION LINES, NOT INTENDED FOR DE-INSTALLATION, BUT WHICH HAVE BEEN REMOVED OR DISTURBED AS A RESULT OF DE-INSTALLATION ACTIVITIES.

I WHERE DE-INSTALLATION OCCURS AND NO SPECIFIC INSTRUCTIONS ARE MADE CONCERNING NEW OR REPLACEMENT FEATURES, RESTORE THE AREA TO A FINISHED CONDITION USING MATERIALS MATCHING THOSE ADJACENT TO THE REMOVAL SITE, MAKING SURE PROPER DRAINAGE AND APPEARANCE IS ATTAINED.

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M MANHOLE LID ADJUSTMENT REQUIRING GREATER THAN 12" OF STACKED GRADE RINGS WILL HAVE THE TOP SECTION REMOVED, A 12" OR GREATER PRECAST MANHOLE SECTION INSTALLED AND TOP SECTION REPLACED. ALIGN NEW STEPS WITH EXISTING STEPS. IN CASE OF FLAT TOP MANHOLE, REMOVE TOP LID SECTION & INSTALL PRECAST SECTION. REINSTALL RIM & LID TO GRADE.

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BUILDING FLOOR AREA			
	EXISTING AREA (SF)	PROPOSED AREA (SF) (PHASE 1)	PROPOSED AREA (SF) (PHASE 1)
EXISTING BUILDINGS	566,500 ±	566,500 ±	566,500 ±
PROPOSED BUILDING T	N/A	164,000 ±	164,000 ±
PROPOSED BUILDING U	N/A	55,120 ±	55,120 ±
PROPOSED BUILDING X	N/A	146,830 ±	204,350 ±
TOTAL SITE	566,500 ±	932,450 ±	989,970 ±

PARKING DATA (PHASE 1)				
	EXISTING	PARKING REMOVED	PARKING ADDED	TOTAL SPACES
STANDARD PARKING	1709	399	472*	1782
ACCESSIBLE PARKING	33	0	11	44
CARPOOL PARKING	12	3	0	9
TOTAL PARKING	1754	402	483	1835

* INCLUDES 128 STALLS FROM THE BUILDING G PROJECT (UNDER AR22-0006)

PARKING DATA (PHASE 2)				
	EXISTING	PARKING REMOVED	PARKING ADDED	TOTAL SPACES
STANDARD PARKING	1782	0	342	2124
ACCESSIBLE PARKING	50	0	9	53
CARPOOL PARKING	9	0	0	9
TOTAL PARKING	1835	0	351	2186

NORTH

BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"

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Portland, Oregon 97201

JACOBS PROJECT NO.: D3822800
CLIENT PROJECT NO.:
DRAWN:
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DESIGNED:
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STAMP:

PRELIMINARY NOT FOR CONSTRUCTION

NO.	REVISION OR ISSUE	DATE	BY

ARCHITECTURAL REVIEW
(NOT FOR CONSTRUCTION)

Lam RESEARCH
Lam Research Corporation
4400 CUSHING PARKWAY
FREMONT, CA 94538

TITLE:

SITE-CIVIL
SITE IMPROVEMENTS
OVERALL
PLAN

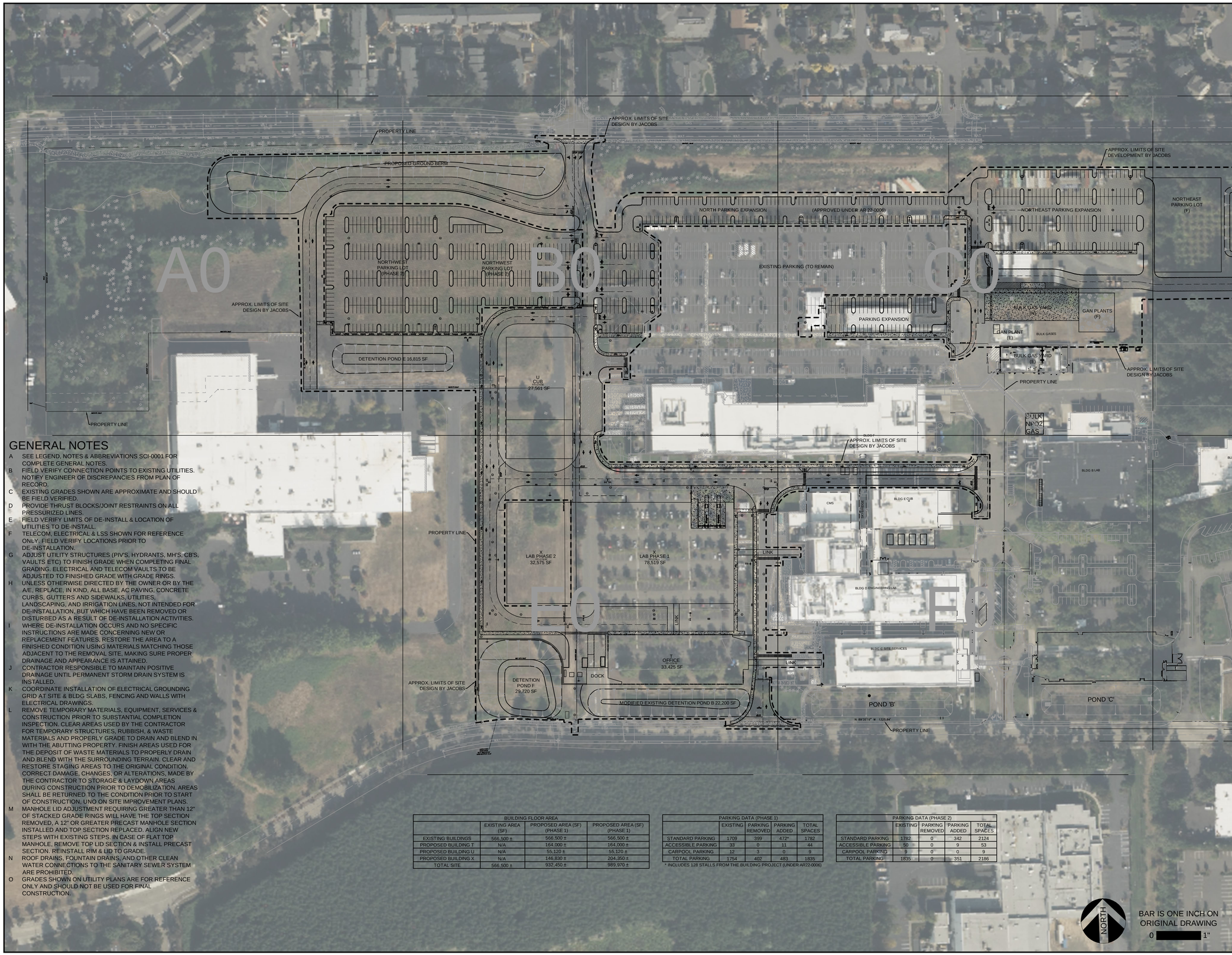
DATE ISSUED:
DRAWING SCALE: 1"=100'
ACAD FILE:
BUILDING DESIGNATOR:

DRAWING NUMBER:

SCI-1100

Name: SCI-1100.dwg User: WG057636 Date: 28/Jun/24 – 11:17 AM

Xref LAM-22X34 File: C:\a2k_Rockwell\SCI-1100.dwg Date: 6/28/24 - 11:17AM



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CARPOOL PARKING	9	0	0	9
TOTAL PARKING	1835	0	351	2186

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FREMONT, CA 94538

TITLE:

SITE-CIVIL
SITE IMPROVEMENTS
OVERALL
PLAN

DATE ISSUED:
DRAWING SCALE: 1"=100'
ACAD FILE:
BUILDING DESIGNATOR:

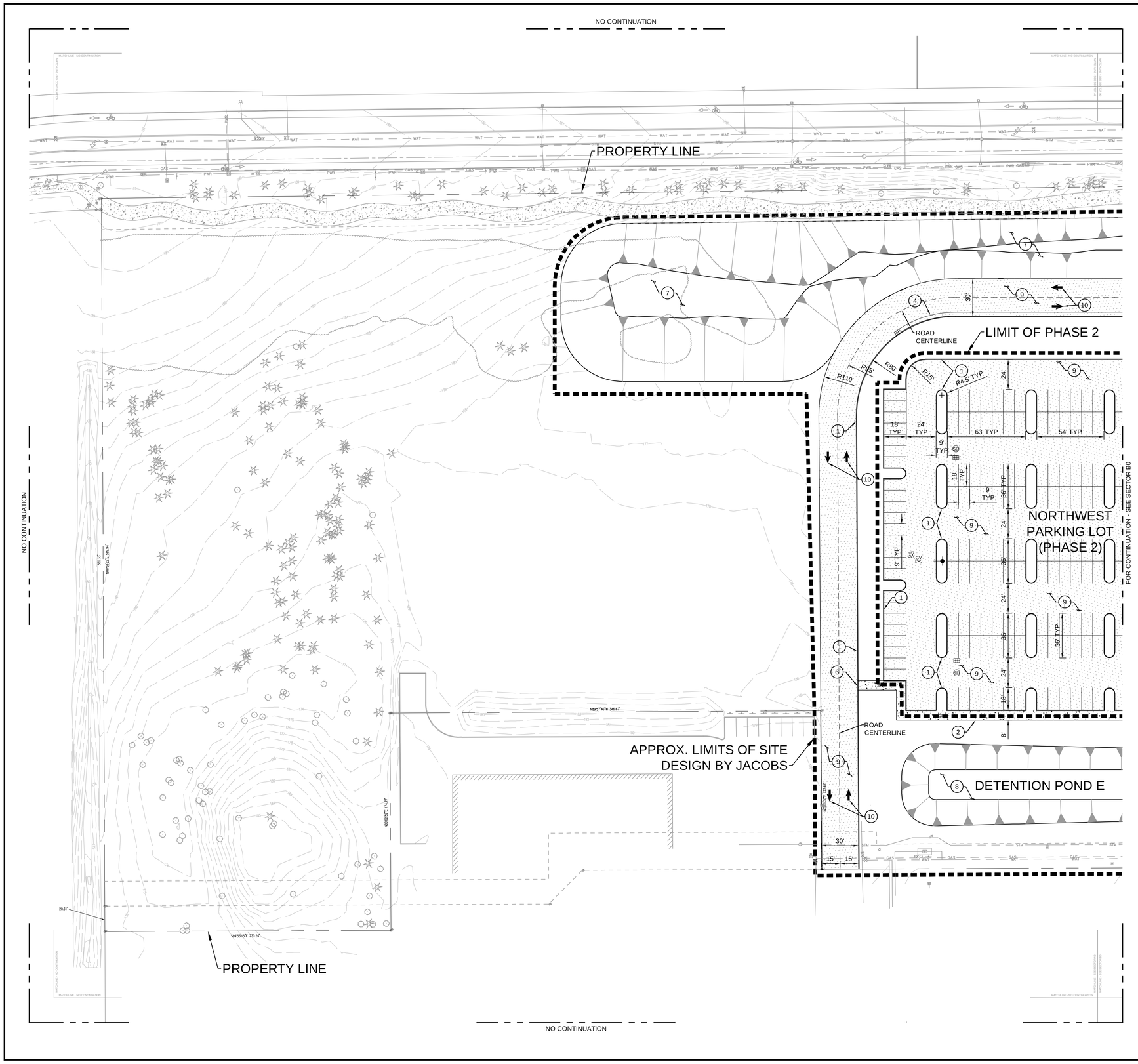
DRAWING NUMBER:

SCI-1100

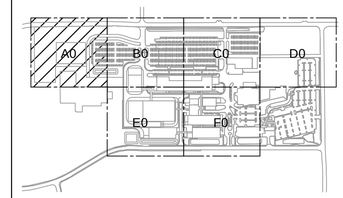
Name: SCI-1100.dwg User: BOWLESD Date: 08/Jul/24 – 7:50 AM

Xref LAM-22X34

File: C:\e2k_Backup\SCI-1100.dwg Date: 7/08/24 - 7:50AM



KEY PLAN



GENERAL NOTES

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B FOR SITE DEVELOPMENT AND UTILITY CONTINUATION OUTSIDE OF PROPOSED LIMITS OF SITE DEVELOPMENT REFER MACKENZIE PACKAGE.

KEYED NOTES

1 CONSTRUCT SINGLE CURB.
2 CONSTRUCT CONCRETE SIDEWALK.
3 INSTALL HEAVY DUTY GRAVEL SURFACING.
4 CONSTRUCT CONCRETE CURB AND GUTTER.
5 INSTALL WHEEL STOP/CONCRETE BUMPER.
6 CONSTRUCT CURB RAMP.
7 CONSTRUCT GROUND BERM.
8 CONSTRUCT STORMWATER POND.
9 CONSTRUCT HEAVY DUTY AC PAVEMENT.
10 APPLY THERMOPLASTIC ROADWAY MARKINGS AS SHOWN.

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FREMONT, CA 94538

TITLE:

SITE-CIVIL
SITE IMPROVEMENTS
SECTOR A0
PLAN

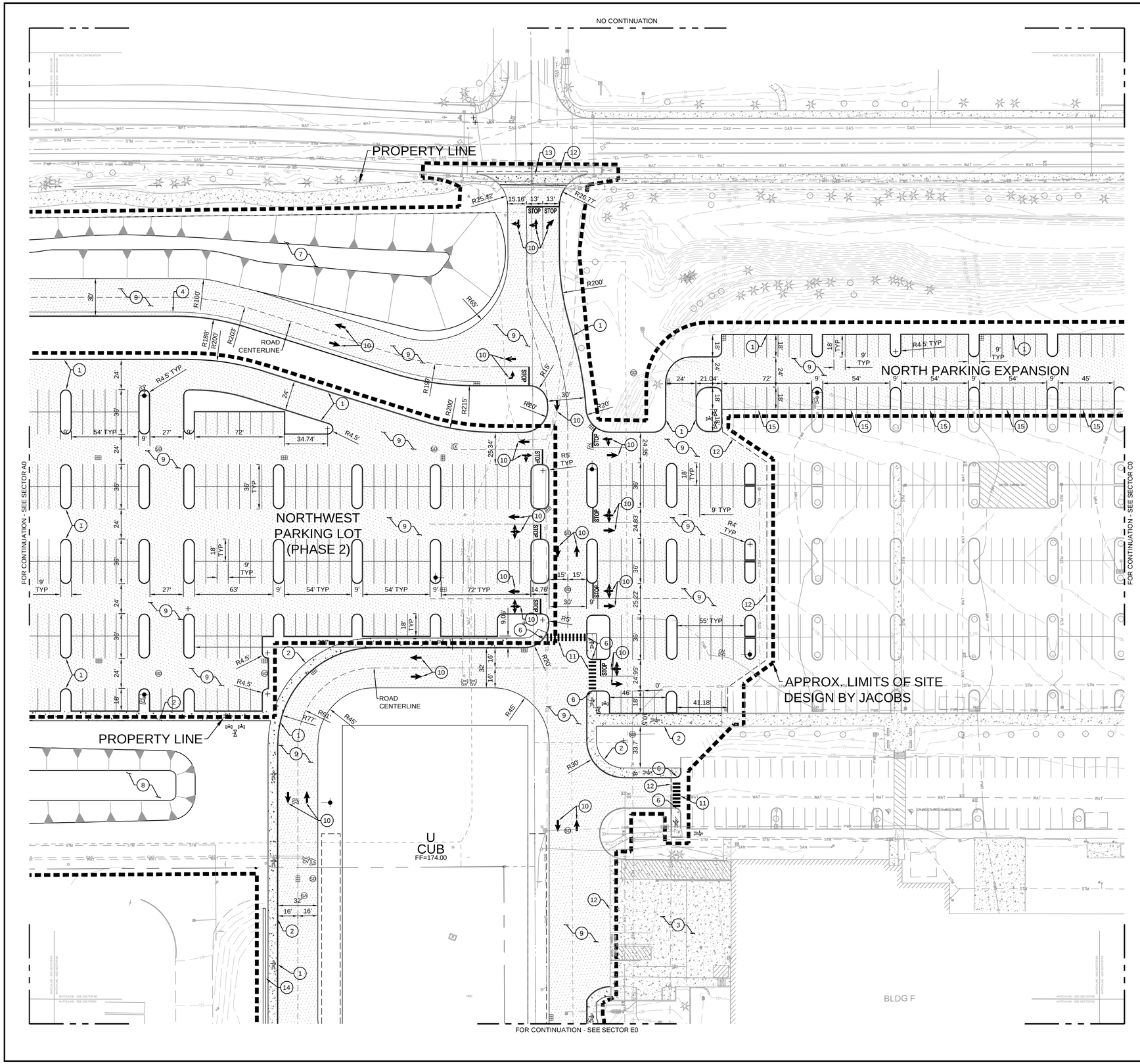
DATE ISSUED:
DRAWING SCALE: 1"=40'
ACAD FILE:
BUILDING DESIGNATOR:

DRAWING NUMBER:

SCI-11A0

Name: SCI-11A0.dwg User: WG057636 Date: 27/Jun/24 – 3:37 PM

File: C:\a2k_Rockwell\SCI-11A0.dwg Date: 6/27/24 - 3:37PM



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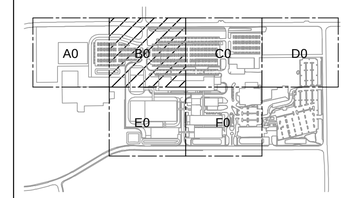

GENERAL NOTES

A SEE SCI-1100 FOR COMPLETE GENERAL NOTES.
B FOR SITE DEVELOPMENT AND UTILITY CONTINUATION OUTSIDE OF PROPOSED LIMITS OF SITE DEVELOPMENT REFER MACKENZIE PACKAGE.

KEYED NOTES

1 CONSTRUCT SINGLE CURB.
2 CONSTRUCT CONCRETE SIDEWALK.
3 EXISTING DOCK - TO REMAIN.
4 CONSTRUCT CONCRETE CURB AND GUTTER.
5 INSTALL WHEEL STOP/CONCRETE BUMPER.
6 CONSTRUCT CURB RAMP.
7 CONSTRUCT GROUND BERM.
8 CONSTRUCT STORMWATER POND.
9 CONSTRUCT HEAVY DUTY AC PAVEMENT.
10 APPLY THERMOPLASTIC ROADWAY MARKINGS AS SHOWN.
11 APPLY HIGH VISIBILITY PEDESTRIAN CROSSING.
12 SAW-CUT LINE. MATCH EXISTING.
13 CONSTRUCT INDUSTRIAL DRIVEWAY.
14 RETAINING WALL BY STRUCTURAL.
15 EXISTING CURB LINE TO BE REMOVED. INSTALL WHEEL STOPS/CONCRETE BUMPERS INSTEAD.

NORTH

BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"

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ARCHITECTURAL REVIEW
(NOT FOR CONSTRUCTION)

Lam RESEARCH
Lam Research Corporation
4400 CUSHING PARKWAY
FREMONT, CA 94538

TITLE:

SITE-CIVIL
SITE IMPROVEMENTS
SECTOR B0
PLAN

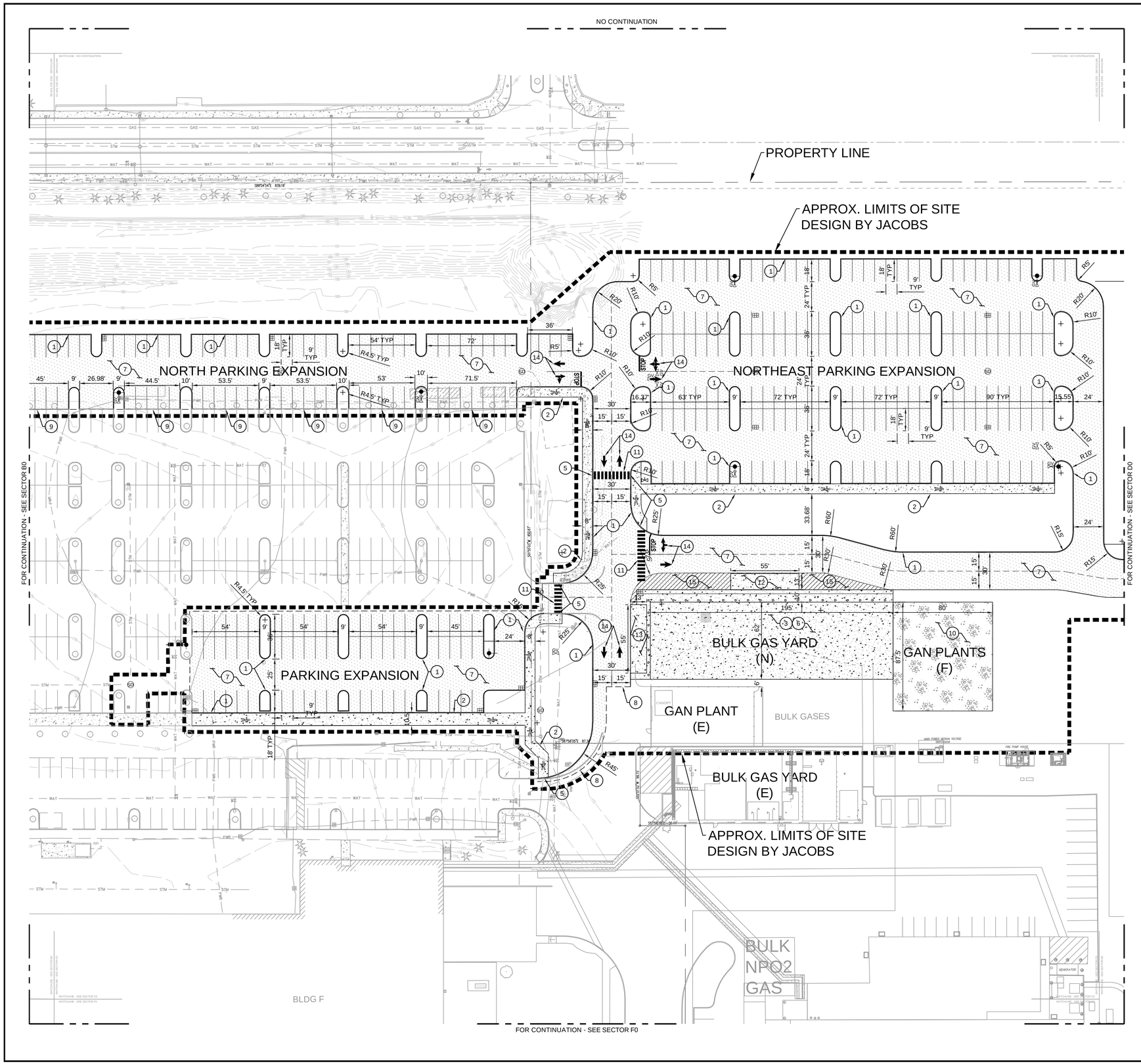
DATE ISSUED:
DRAWING SCALE: 1"=40'
ACAD FILE:
BUILDING DESIGNATOR:

DRAWING NUMBER:

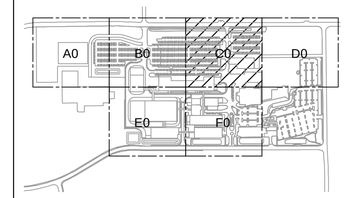
SCI-11B0

Name: SCI-11B0.dwg User: WG057636 Date: 28/Jun/24 – 10:29 AM

File: C:\a2k_Rockwell\SCI-11B0.dwg Date: 6/28/24 - 10:29AM



KEY PLAN



GENERAL NOTES

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B FOR SITE DEVELOPMENT AND UTILITY CONTINUATION OUTSIDE OF PROPOSED LIMITS OF SITE DEVELOPMENT REFER MACKENZIE PACKAGE.

KEYED NOTES

1 CONSTRUCT SINGLE CURB.
2 CONSTRUCT CONCRETE SIDEWALK.
3 BULK GAS YARD EXPANSION
4 INSTALL WHEEL STOP/CONCRETE BUMPER.
5 CONSTRUCT CURB RAMP.
6 CONSTRUCT REINFORCEMENT CONCRETE PAVEMENT.
7 CONSTRUCT HEAVY DUTY AC PAVEMENT.
8 SAW-CUT LINE. MATCH EXISTING.
9 EXISTING CURB LINE TO BE REMOVED. INSTALL WHEEL STOPS/CONCRETE BUMPERS INSTEAD.
10 FUTURE GAN PLANT. CONSTRUCT COMPACTED GRAVEL AREA.
11 APPLY HIGH VISIBILITY PEDESTRIAN CROSSING.
12 CHEMICAL DOCK.
13 GAS DOCK.
14 APPLY THERMOPLASTIC ROADWAY MARKINGS AS SHOWN.
15 NO-PARKING ZONE.

NORTH

BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"

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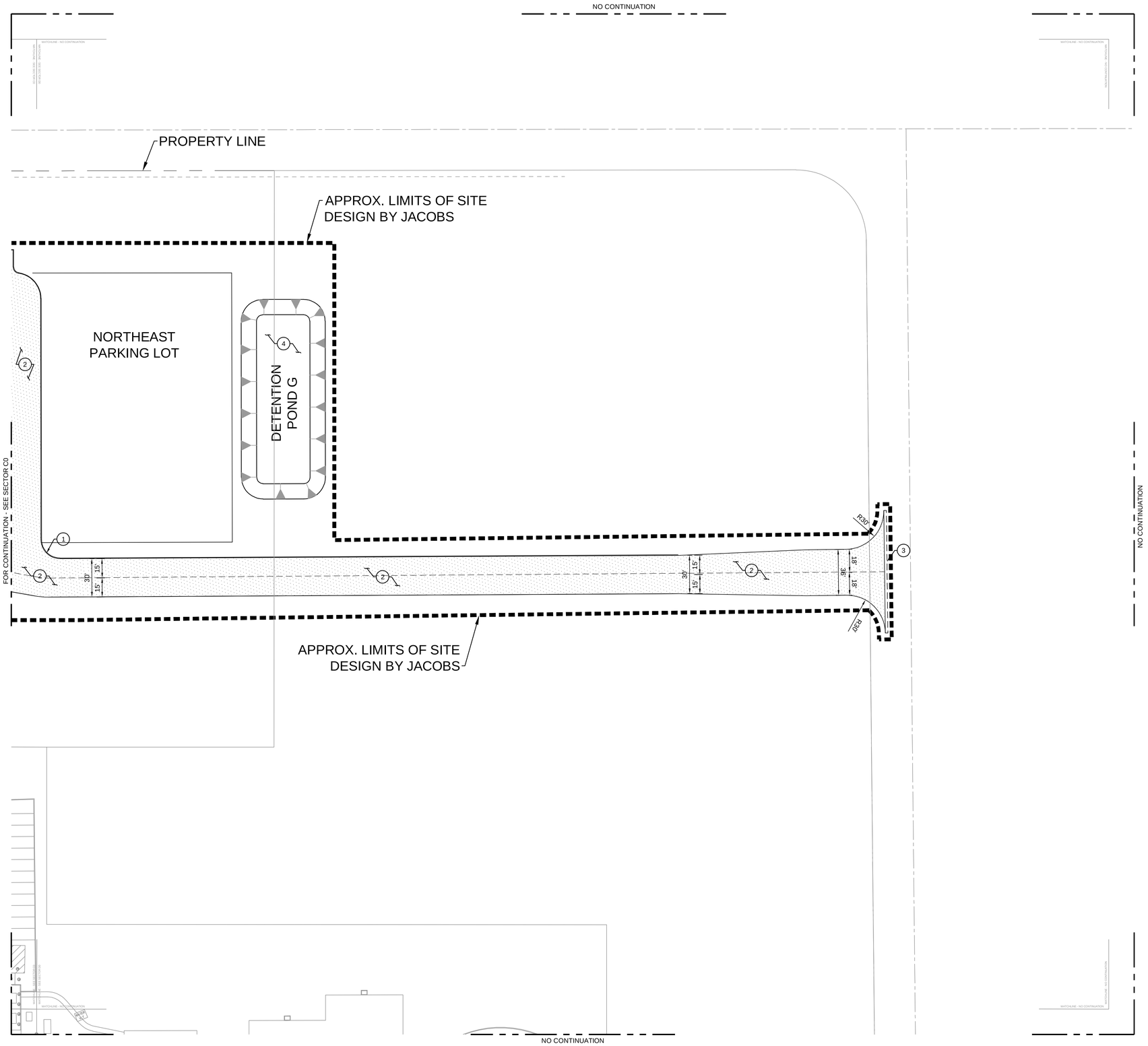
TITLE:
SITE-CIVIL
SITE IMPROVEMENTS
SECTOR C0
PLAN

DATE ISSUED:
DRAWING SCALE: 1"=40'
ACAD FILE:
BUILDING DESIGNATOR:
DRAWING NUMBER:
SCI-11C0

Name: SCI-11C0.dwg User: WG057636 Date: 27/Jun/24 – 2:46 PM

File: C:\a2k_Rockwell\SCI-11C0.dwg Date: 6/27/24 - 2:45PM



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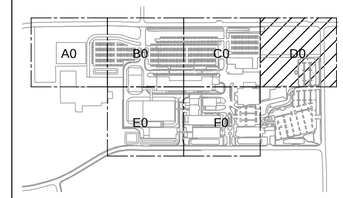

GENERAL NOTES

A SEE SCI-1100 FOR COMPLETE GENERAL NOTES.
B FOR SITE DEVELOPMENT AND UTILITY CONTINUATION OUTSIDE OF PROPOSED LIMITS OF SITE DEVELOPMENT REFER MACKENZIE PACKAGE.

KEYED NOTES

1 CONSTRUCT SINGLE CURB.
2 CONSTRUCT HEAVY DUTY AC PAVEMENT.
3 SAW-CUT LINE. MATCH EXISTING.
4 CONSTRUCT STORMWATER POND.

NORTH

BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"

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TITLE:

SITE-CIVIL
SITE IMPROVEMENTS
SECTOR D0
PLAN

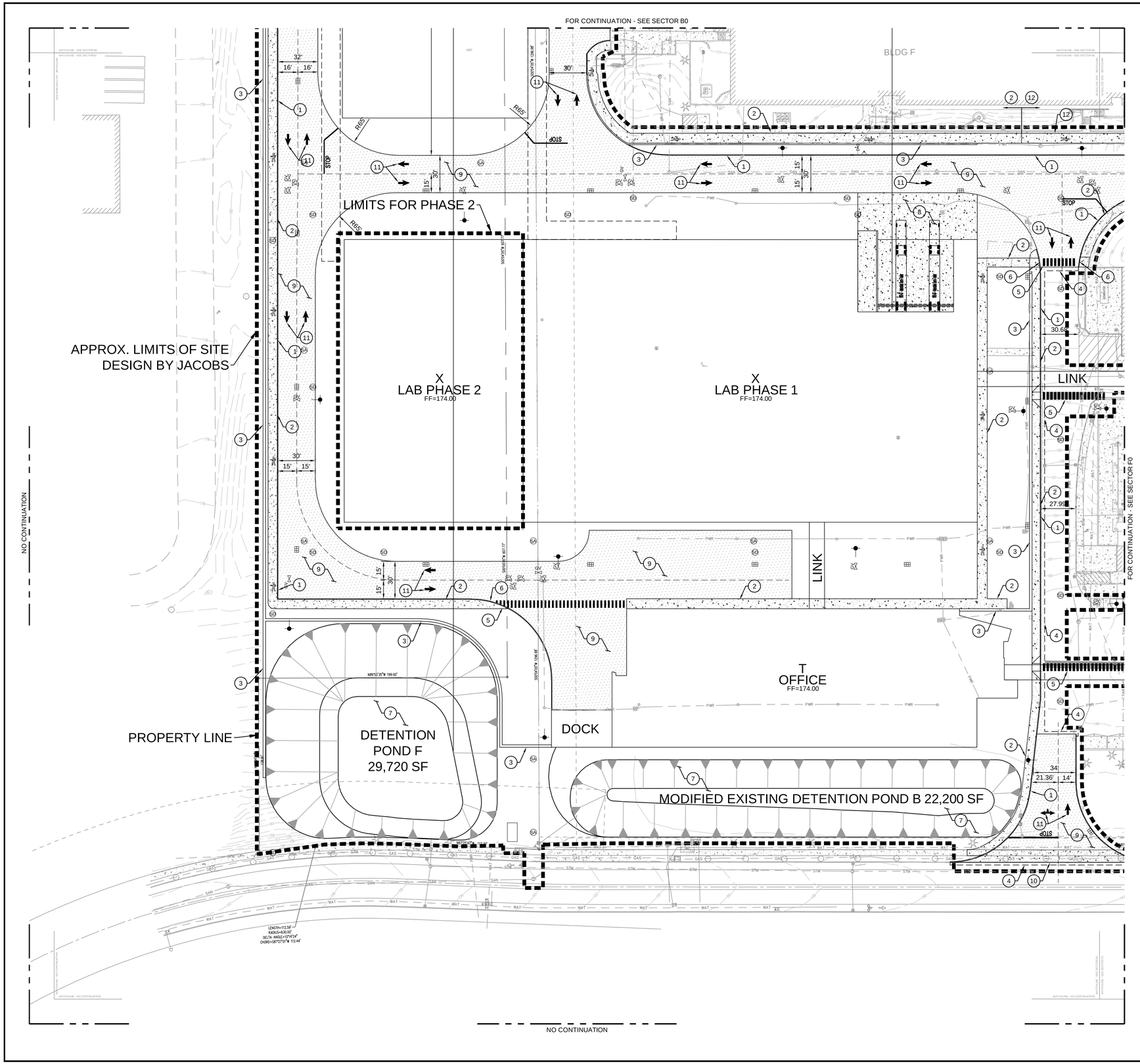
DATE ISSUED:
DRAWING SCALE: 1"=40'
ACAD FILE:
BUILDING DESIGNATOR:

DRAWING NUMBER:

SCI-11D0

Name: SCI-11D0.dwg User: WG057636 Date: 27/Jun/24 - 3:33 PM

File: C:\a2k_Rockwell\SCI-11D0.dwg Date: 6/27/24 - 3:33PM



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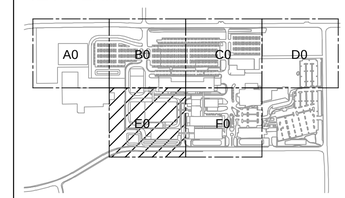

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KEYED NOTES

1 CONSTRUCT SINGLE CURB.
2 CONSTRUCT CONCRETE SIDEWALK.
3 RETAINING WALL BY STRUCTURAL.
4 SAW-CUT LINE. MATCH EXISTING.
5 APPLY HIGH VISIBILITY PEDESTRIAN CROSSING.
6 CONSTRUCT CURB RAMP.
7 CONSTRUCT STORMWATER POND.
8 CONSTRUCT DOCK AREA. CONSTRUCT REINFORCEMENT CONCRETE PAVEMENT.
9 CONSTRUCT HEAVY DUTY AC PAVEMENT.
10 NEW INDUSTRIAL DRIVEWAY.
11 APPLY THERMOPLASTIC ROADWAY MARKINGS AS SHOWN.
12 EXISTING CONCRETE SIDEWALK - TO REMAIN.

NORTH

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TITLE:

SITE-CIVIL
SITE IMPROVEMENTS
SECTOR E0
PLAN

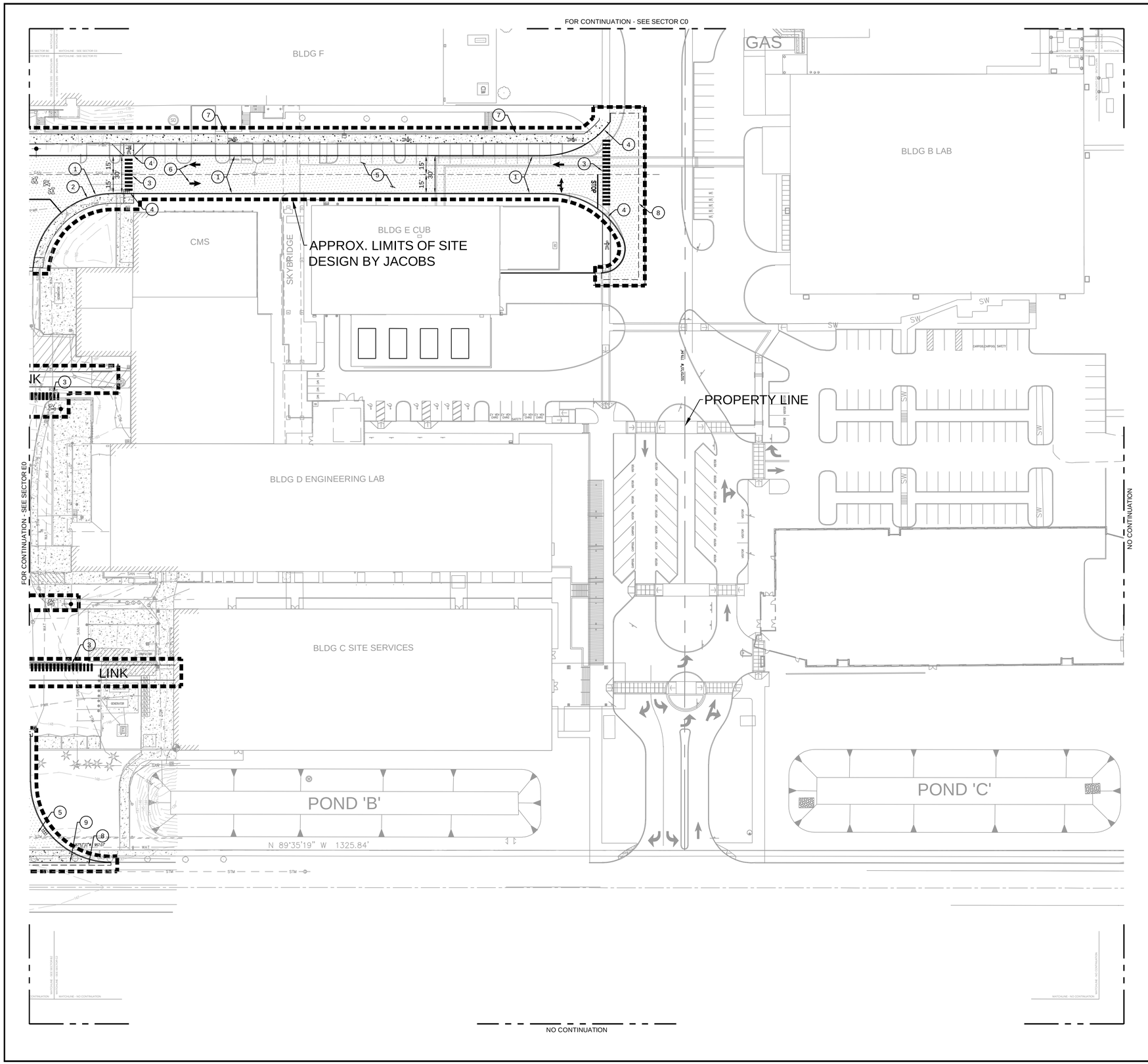
DATE ISSUED:
DRAWING SCALE: 1"=40'
ACAD FILE:
BUILDING DESIGNATOR:

DRAWING NUMBER:

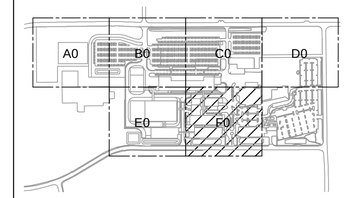
SCI-11E0

Name: SCI-11E0.dwg User: WG057636 Date: 28/Jun/24 – 10:32 AM

File: C:\a2k_Rockwell\SCI-11E0.dwg Date: 6/28/24 - 10:32AM



KEY PLAN



GENERAL NOTES

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B FOR SITE DEVELOPMENT AND UTILITY CONTINUATION OUTSIDE OF PROPOSED LIMITS OF SITE DEVELOPMENT REFER MACKENZIE PACKAGE.

KEYED NOTES

1 CONSTRUCT SINGLE CURB.
2 CONSTRUCT CONCRETE SIDEWALK.
3 APPLY HIGH VISIBILITY PEDESTRIAN CROSSING.
4 CONSTRUCT CURB RAMP.
5 CONSTRUCT HEAVY DUTY AC PAVEMENT.
6 APPLY THERMOPLASTIC ROADWAY MARKINGS AS SHOWN.
7 EXISTING CONCRETE SIDEWALK - TO REMAIN.
8 SAW-CUT LINE. MATCH EXISTING.
9 CONSTRUCT INDUSTRIAL DRIVEWAY.

NORTH

BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"

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TITLE:

SITE-CIVIL
SITE IMPROVEMENTS
SECTOR F0
PLAN

DATE ISSUED:
DRAWING SCALE: 1"=40'
ACAD FILE:
BUILDING DESIGNATOR:

DRAWING NUMBER:

SCI-11F0

Name: SCI-11F0.dwg User: WG0576636 Date: 27/Jun/24 – 3:52 PM

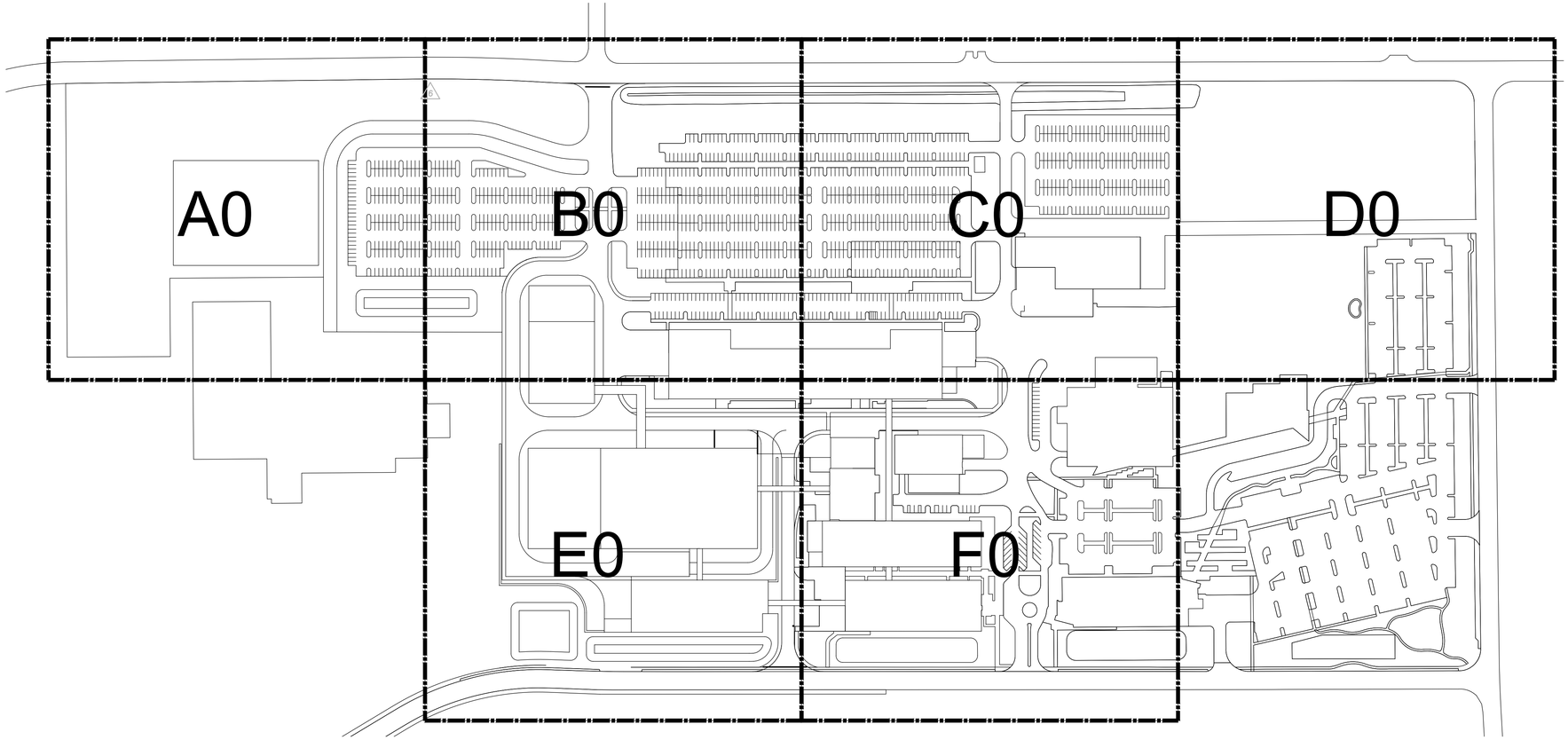
File: C:\a2k_Rockwell\SCI-11F0.dwg Date: 6/27/24 - 3:52PM

SHEET INDEX

SLA-1600	LANDSCAPE KEY PLAN AND GENERAL NOTES
SLA-16A0	PLANTING PLAN
SLA-16B0	PLANTING PLAN
SLA-16C0	PLANTING PLAN
SLA-16D0	PLANTING PLAN
SLA-16E0	PLANTING PLAN
SLA-16F0	PLANTING PLAN

TABLE OF ABBREVIATIONS

ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	MAX	MAXIMUM
B&B	BALL AND BURLAP	MIN	MINIMUM
CAL	CALIPER	MIX	MIXTURE
CONC	CONCRETE	NTS	NOT TO SCALE
DEG	DEGREE	OC	ON CENTER
DIA/Ø	DIAMETER	POC	POINT OF CONNECTION
DWGS	DRAWING	PVC	POLY VINYL CHLORIDE
ELL	ELBOW	SCH	SCHEDULE
EQ	EQUAL	SF	SQUARE FOOT
FT	FEET/FOOT	SPEC	SPECIFICATION
GAL	GALLON	TYP	TYPICAL
GALV	GALVANIZED	X	TIMES
H/HT	HEIGHT		



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0 1"

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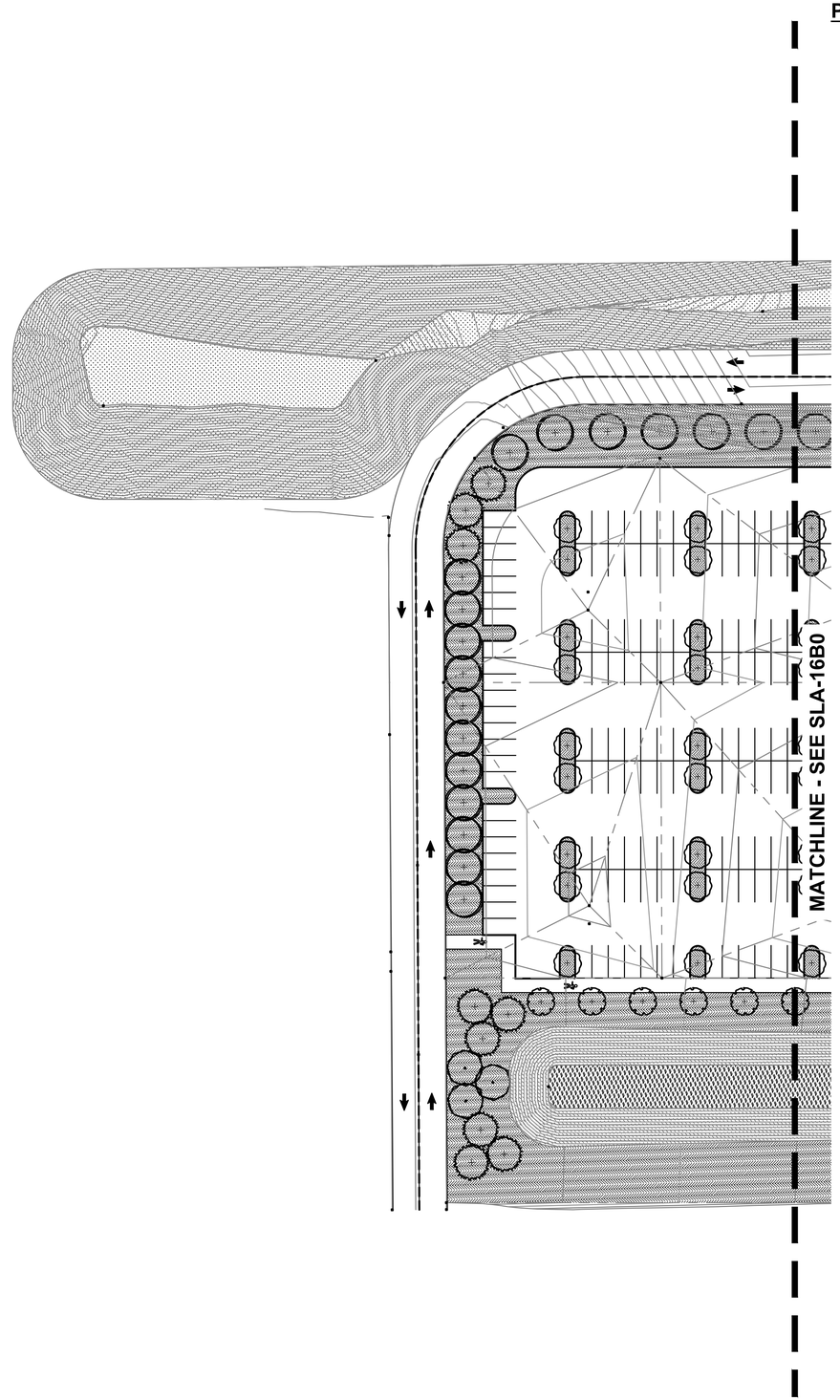
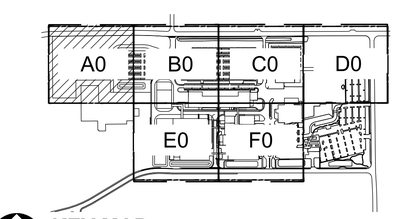
TITLE:
LANDSCAPE GENERAL INFORMATION

DATE ISSUED:
DRAWING SCALE: 1" = 150'
ACAD FILE:
BUILDING DESIGNATOR:
DRAWING NUMBER: **SLA-1600**

Name: 022-L0.01.dwg User: ab Date: 01/Jul/24 - 3:45 PM

PLANT KEY LEGEND





KEY MAP
SCALE: NTS

1 SLA-16A0 PLANTING PLAN

20 0 10 20 40 80
(IN FEET)
1 inch = 20 ft.

BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"

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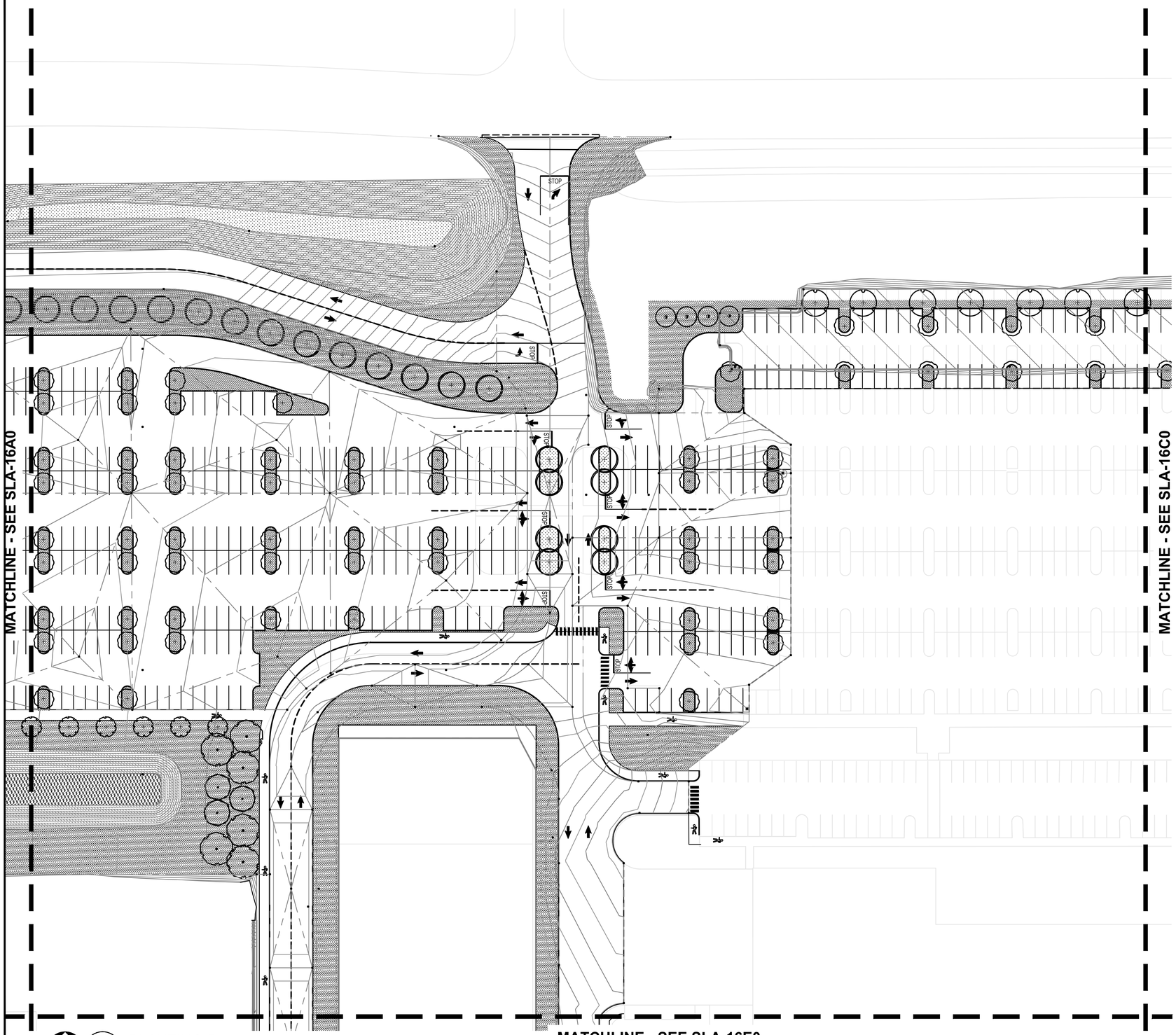
Lam Research Corporation
4400 CUSHING PARKWAY
FREMONT, CA 94538

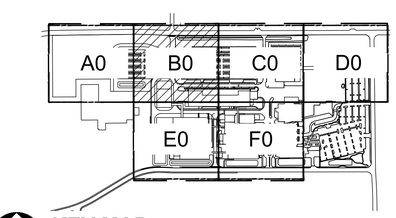
TITLE:
PLANTING PLAN

DATE ISSUED:
DRAWING SCALE: 1" = 40'
ACAD FILE:
BUILDING DESIGNATOR:
DRAWING NUMBER: **SLA-16A0**

Name: 022-L0.01.dwg User: ab Date: 01/Jul/24 – 3:45 PM



PLANTING PLAN



KEY MAP
SCALE: NTS

BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"

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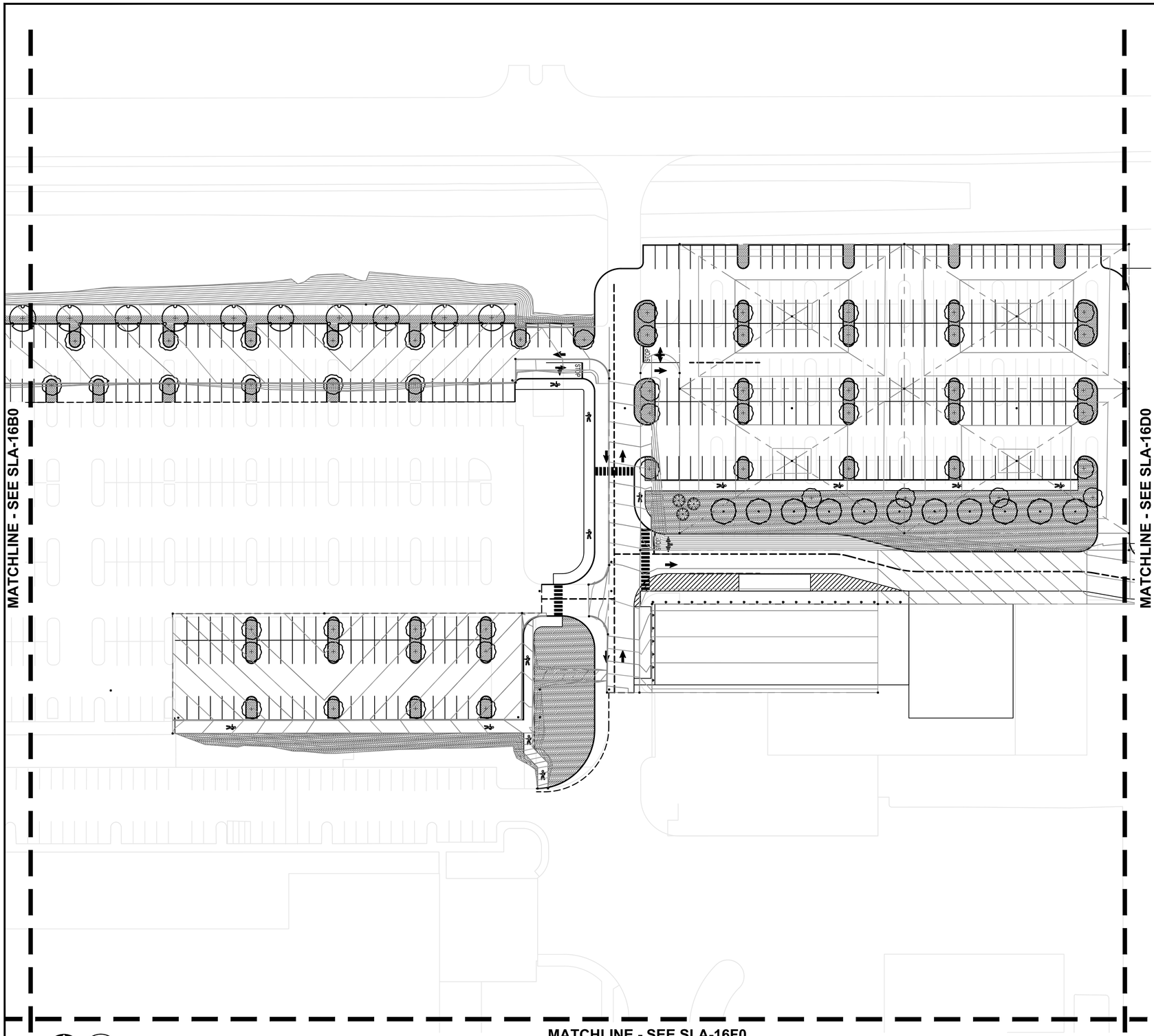
4400 CUSHING PARKWAY
FREMONT, CA 94538

TITLE:
PLANTING PLAN

DATE ISSUED:
DRAWING SCALE: 1" = 40'
ACAD FILE:
BUILDING DESIGNATOR:
DRAWING NUMBER: SLA-16B0

Name: 022-L0.01.dwg User: ab Date: 01/Jul/24 – 3:45 PM

224002200 \\GRP.MCK\PROJECTS\PROJECTS\224002200\DRAWINGS\LANDSCAPE\022-L0.01.DWG:SLA-16B0 CAH 06/28/24 13:57 1:0.08



1 PLANTING PLAN
SLA-16C0

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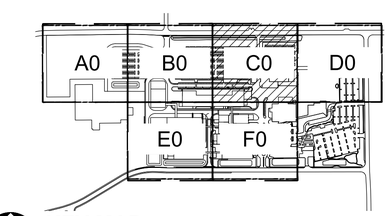
(IN FEET)
1 inch = 20 ft.



KEY MAP
SCALE: NTS

BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"

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FREMONT, CA 94538

TITLE:
PLANTING PLAN

DATE ISSUED:
DRAWING SCALE: 1" = 40'
ACAD FILE:
BUILDING DESIGNATOR:
DRAWING NUMBER: **SLA-16C0**

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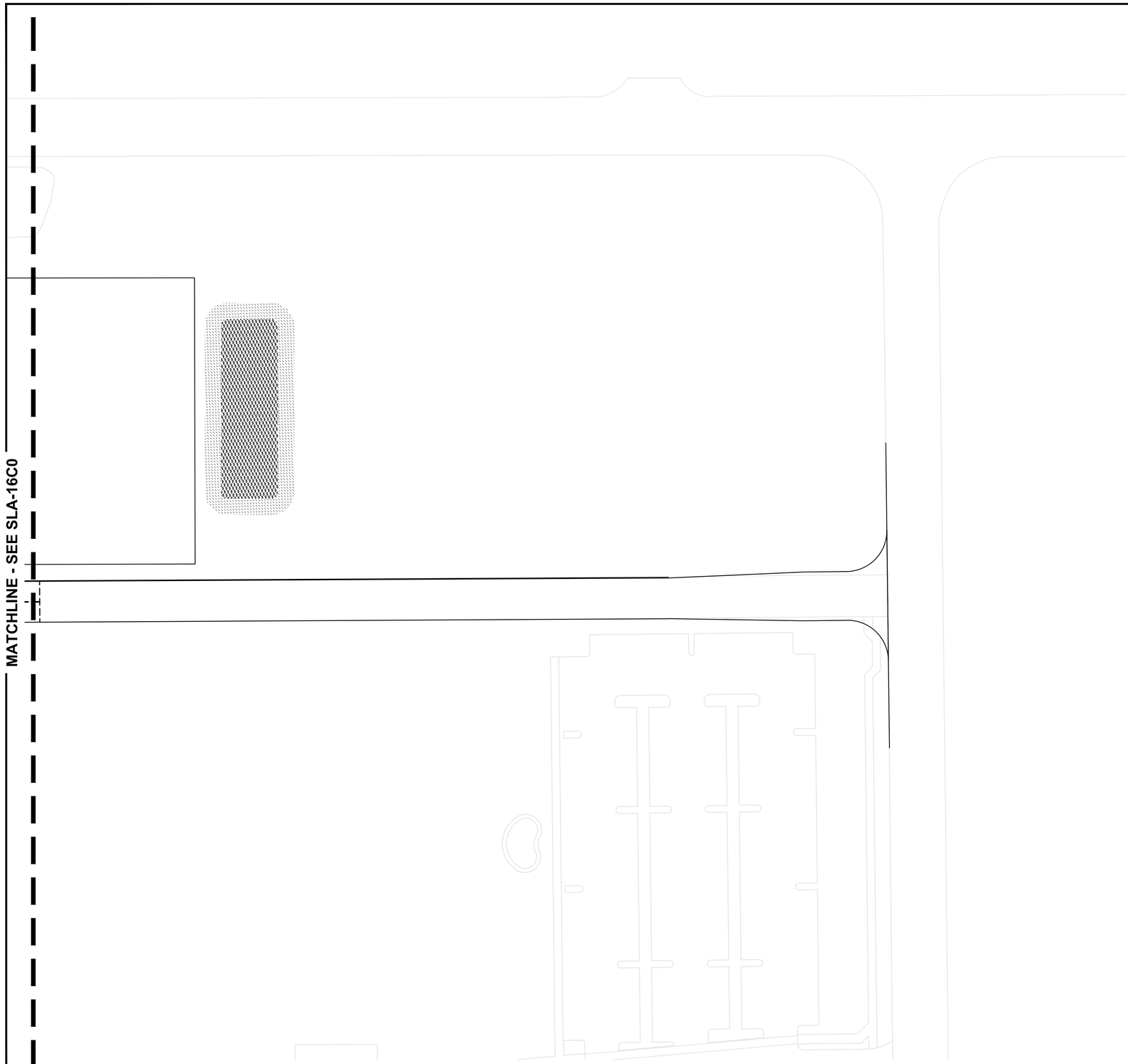

1 PLANTING PLAN
SLA-16D0

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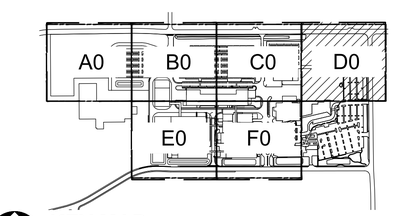
(IN FEET)
1 inch = 20 ft.



KEY MAP
SCALE: NTS

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FREMONT, CA 94538

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ACAD FILE:
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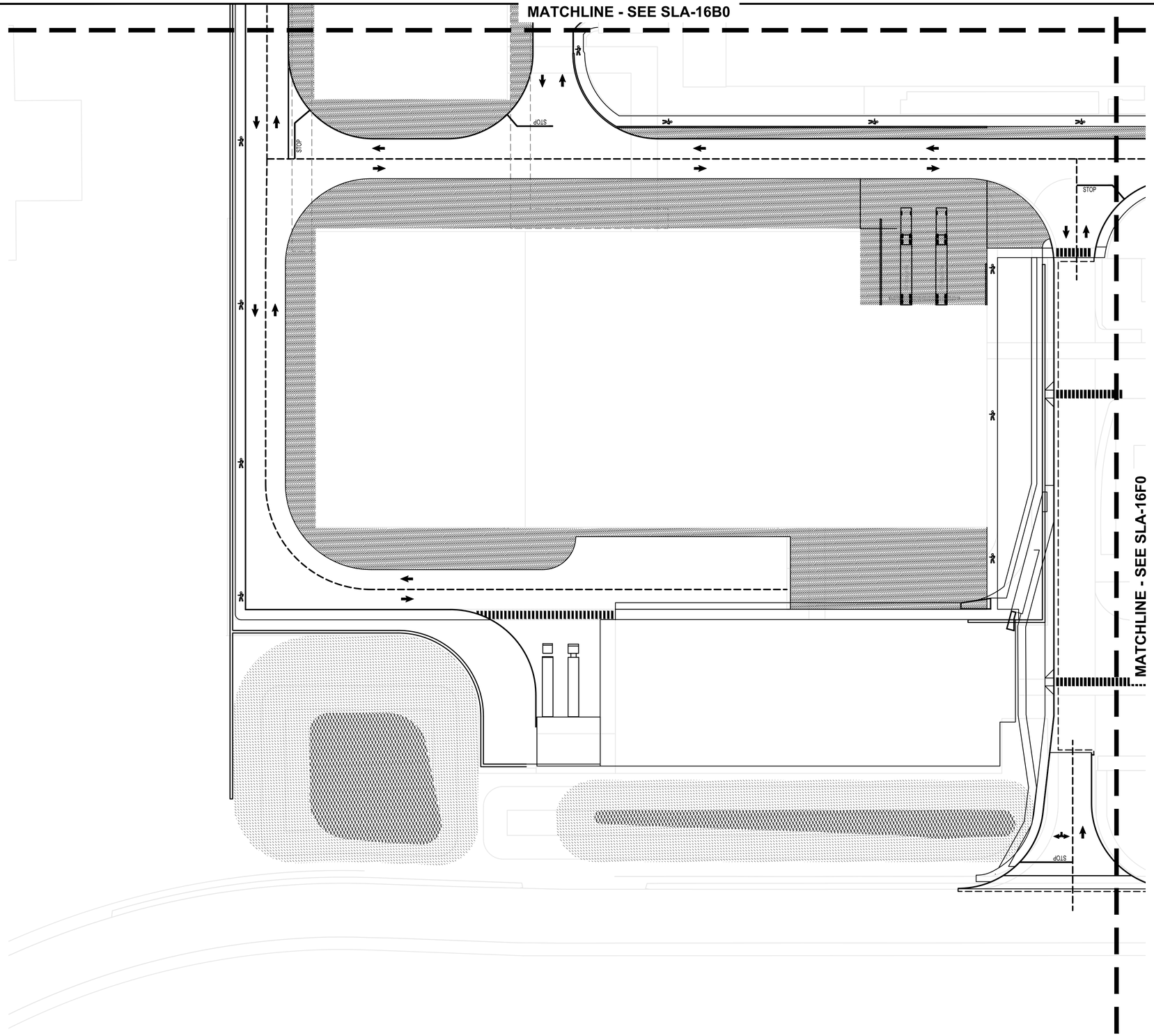
DRAWING NUMBER: SLA-16D0

Name: 022-L0.01.dwg User: ab Date: 01/Jul/24 – 3:46 PM



1 PLANTING PLAN
SLA-16E0

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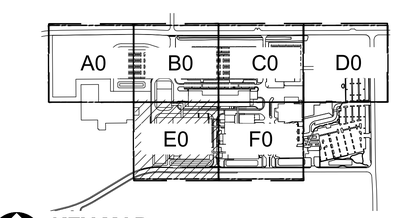
(IN FEET)
1 inch = 20 ft.



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DESIGNED:
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M.
Architecture ▪ Interiors
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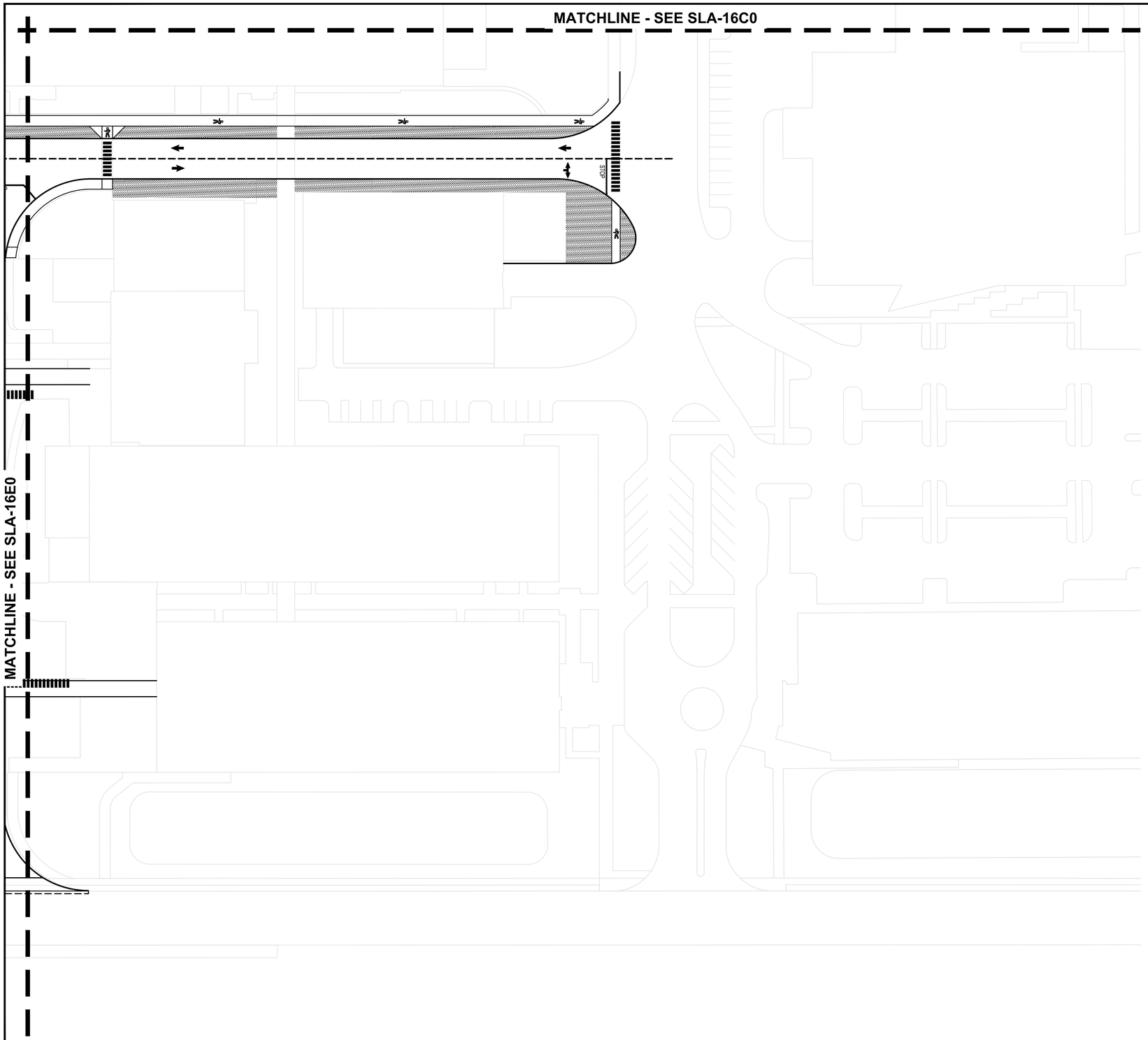
ARCHITECTURAL REVIEW
(NOT FOR CONSTRUCTION)

Lam RESEARCH
Lam Research Corporation
4400 CUSHING PARKWAY
FREMONT, CA 94538

TITLE:
PLANTING PLAN

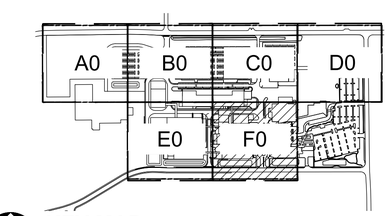
DATE ISSUED:
DRAWING SCALE: 1" = 40'
ACAD FILE:
BUILDING DESIGNATOR:
DRAWING NUMBER: SLA-16E0

Name: 022-L0.01.dwg User: ab Date: 01/Jul/24 – 3:46 PM



1 PLANTING PLAN
SLA-16F0

20 0 10 20 40 80
(IN FEET)
1 inch = 20 ft.



KEY MAP
SCALE: NTS

BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"

Jacobs
Portland Office
2020 S.W. 4th Avenue, 3rd Floor
Portland, Oregon 97201

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