

SABEY DATA CENTER PHASE 5201

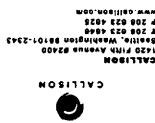
100% DESIGN DEVELOPMENT DOCUMENTS



CALLISON

Sabey Data Center
Phase 5201 - Building 5
3365 South 120th Place
Tulwila, VA 20185
Project Number 207311.00
November 14, 2007

November 14, 2007
Project Number 207311.00
Sabey Data Center - Building 5
3365 South 120th Place
Tulwila, VA 20185

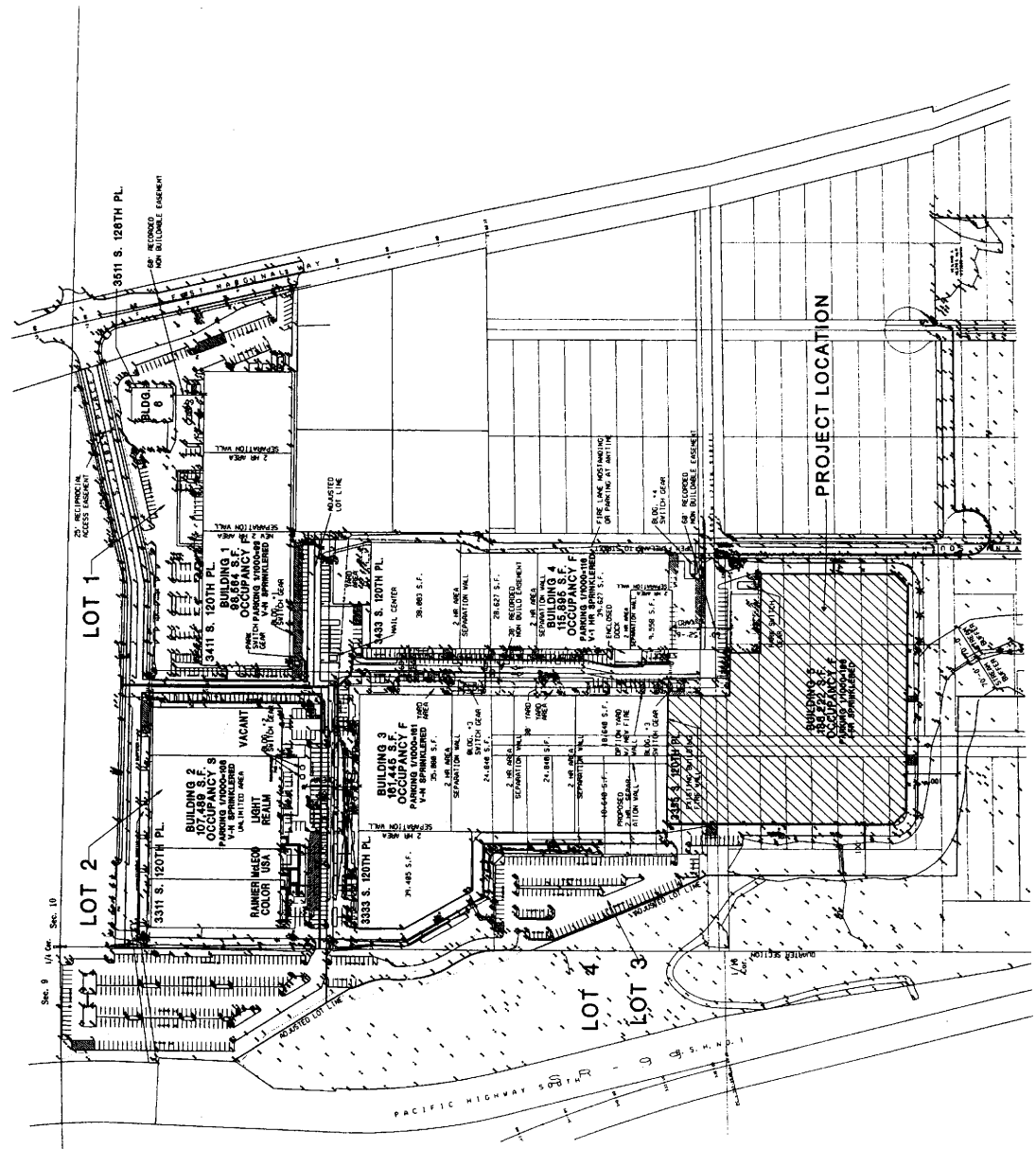


PROJECT # 20211-01
TURKLE, WA 98188
3355 S. 120TH PLACE
INTERAIVE EAST CAMPUS
SABBY DATA CENTER
PHASE 22-01 TENANT IMPROVEMENT

REVISION	DATE
SCHEMATIC DEVELOPMENT	11/11/2021
PROGRAM SET	11/11/2021
LOBBY 2D	11/11/2021

SITE PLAN

A-001



1 SITE PLAN
10/11/2021



OWNER:
SABBY CORPORATION
12251 MERIDIAN INDUSTRIAL BLVD.
FOURTH FLOOR
TUKWILA, WA 98188-5121
PHONE: 206.832.8881
WWW.SABBY.COM

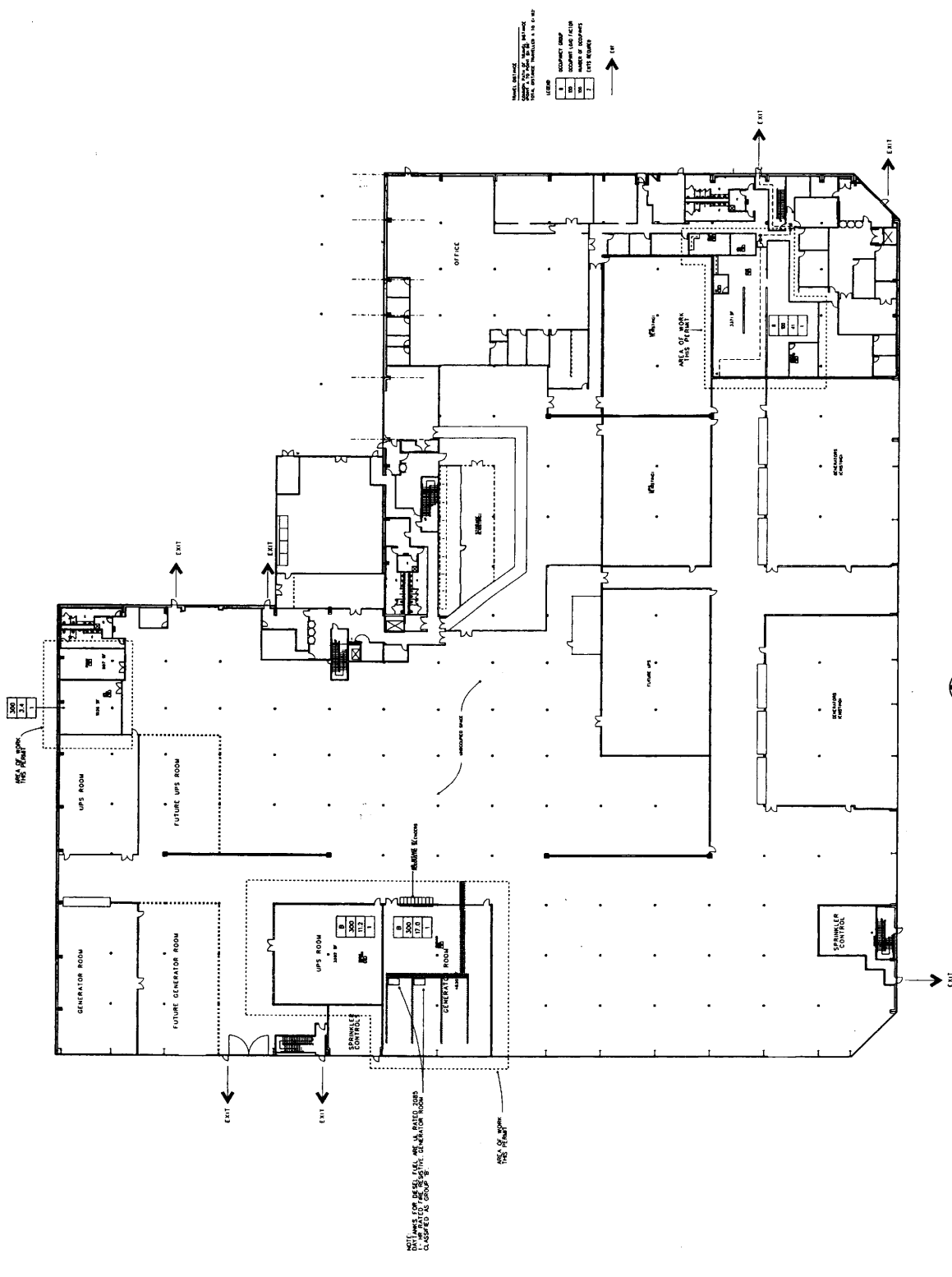


CALLISON
1420 7TH AVENUE SOUTH
TUKWILA, WASHINGTON 98148
PHONE: 206.832.8822
WWW.CALLISON.COM

PHASE 22-01 TERNMENT IMPROVEMENT
SABBY DATA CENTER
3365 S. 120TH PLACE
TUKWILA, WA 98188
PROJECT # 202211.01

REVISION NUMBER	DATE	DESCRIPTION
1		ISSUED FOR PERMIT
2		ISSUED FOR PERMIT
3		ISSUED FOR PERMIT
4		ISSUED FOR PERMIT
5		ISSUED FOR PERMIT
6		ISSUED FOR PERMIT
7		ISSUED FOR PERMIT
8		ISSUED FOR PERMIT
9		ISSUED FOR PERMIT
10		ISSUED FOR PERMIT
11		ISSUED FOR PERMIT
12		ISSUED FOR PERMIT
13		ISSUED FOR PERMIT
14		ISSUED FOR PERMIT
15		ISSUED FOR PERMIT
16		ISSUED FOR PERMIT
17		ISSUED FOR PERMIT
18		ISSUED FOR PERMIT
19		ISSUED FOR PERMIT
20		ISSUED FOR PERMIT
21		ISSUED FOR PERMIT
22		ISSUED FOR PERMIT
23		ISSUED FOR PERMIT
24		ISSUED FOR PERMIT
25		ISSUED FOR PERMIT
26		ISSUED FOR PERMIT
27		ISSUED FOR PERMIT
28		ISSUED FOR PERMIT
29		ISSUED FOR PERMIT
30		ISSUED FOR PERMIT

FIRST FLOOR
ELECTRICAL
DIAGRAM
A-002



1 FIRST FLOOR EXITING DIAGRAM



SABBY CORPORATION
 12201 Twilite International Blvd.
 Fourth Floor, Irvine, CA 92618-9121
 T 949 261 8700
 F 949 262 8881
 www.sabby.com

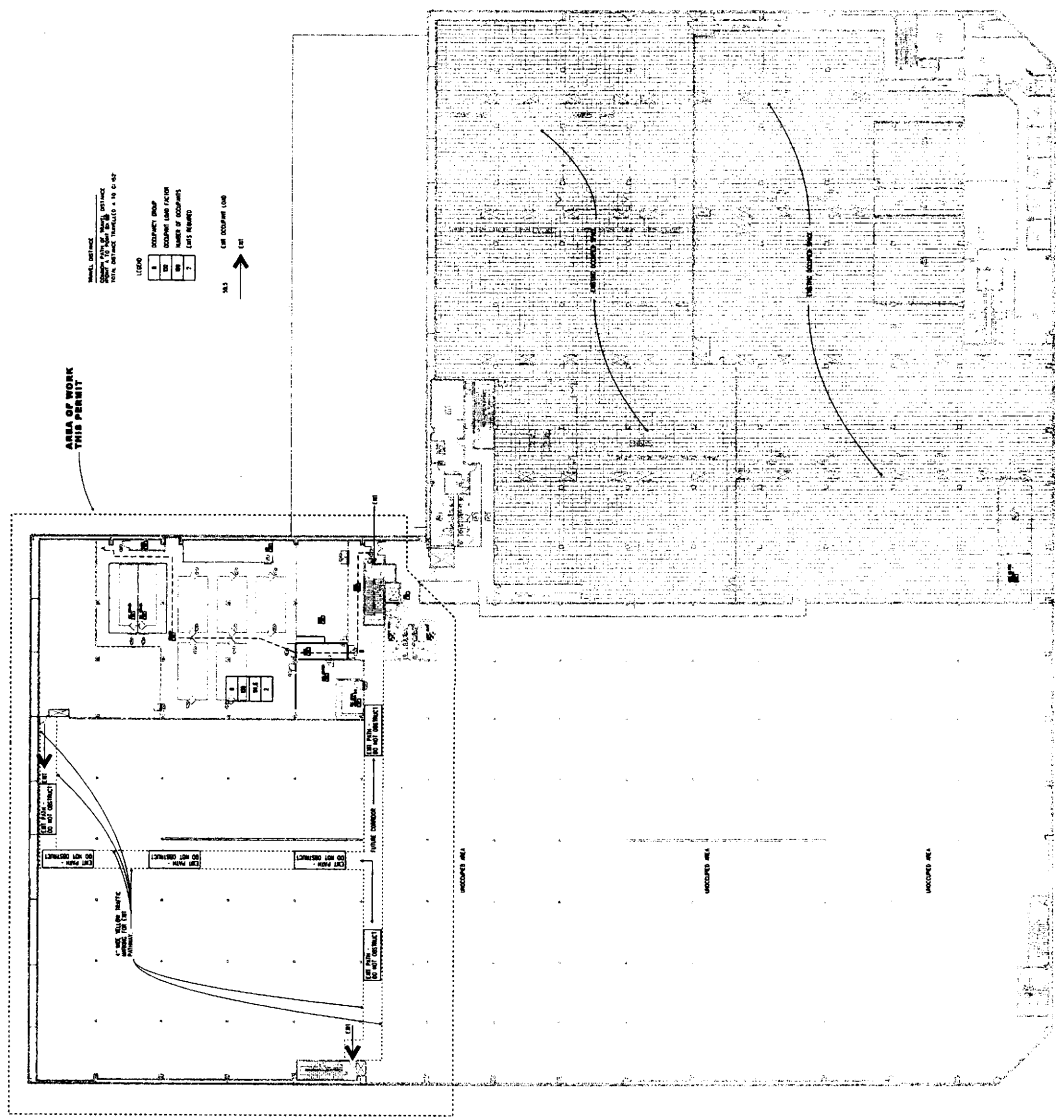


CALLISON
 1420 17th Avenue SW
 Seattle, Washington 98101-3245
 P 206 822 4628
 T 206 822 4646
 www.callison.com

SABBY DATA CENTER
 PHASE 02-01 TENANT IMPROVEMENT
 INTERSTATE EAST CAMPUS
 3355 S. 120th Place
 Tukwila, WA 98108
 PROJECT # 207511-01

ISSUED DATED	DATE
REVISIONS	DESCRIPTION
NO.	DATE
1	11/17/2009
2	11/17/2009
3	11/17/2009
4	11/17/2009
5	11/17/2009

SECOND FLOOR
 EXITING
 DIAGRAM
A-003



1 SECOND FLOOR EXITING DIAGRAM



OWNER:
SABBY CORPORATION
12201 Tukwila International Blvd.
Seattle, WA 98148-9121
PHONE: 206.835.0200
FAX: 206.835.8851
WWW.SABBY.COM

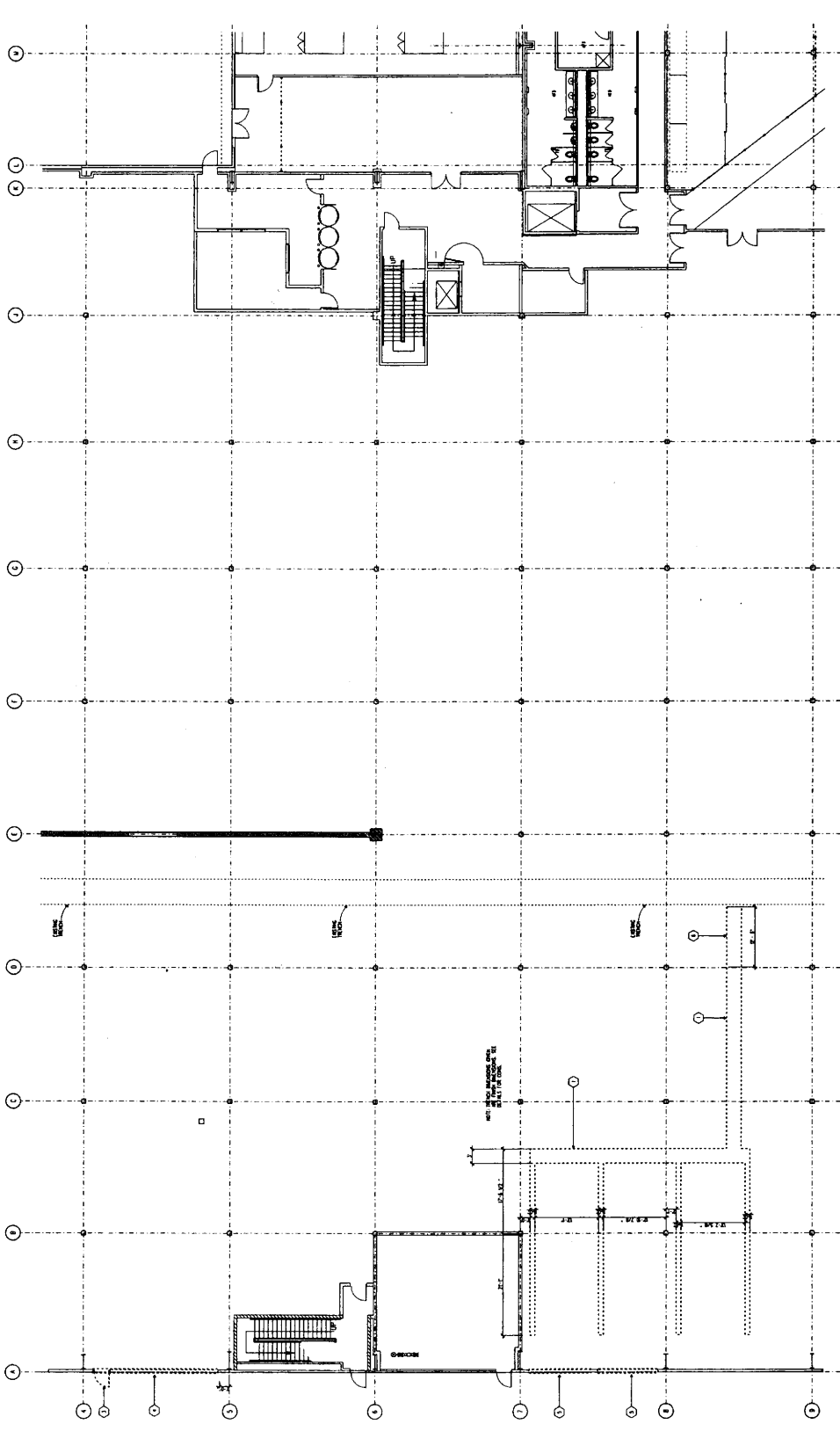
CALLISON
1420 Fifth Avenue #2100
Seattle, Washington 98101-2949
P: 206.452.4000
F: 206.452.4000
WWW.CALLISON.COM

**SABBY DATA CENTER
INTERLODE EAST CAMPUS
3355 S. 120th Place
Tukwila, WA 98188**
PROJECT # 027311-01

DATE	11/14/09
REVISION	
BY	
CHECKED	
DATE	11/14/09
BY	
CHECKED	

FIRST FLOOR
DEMOLITION PLAN

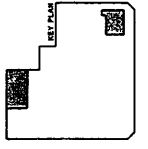
A-006



- 1. DEMOLISH ALL EXISTING WALLS, CEILING, FLOORING, AND MECHANICAL SYSTEMS WITHIN THE DEMOLITION AREA.
- 2. REMOVE EXISTING ROOF AND FLOOR SLABS TO BENCH LEVEL.
- 3. DEMOLISH EXISTING CONCRETE FOUNDATION WALLS AND PIERCEMENTS WITHIN THE DEMOLITION AREA.
- 4. REMOVE EXISTING CONCRETE FOUNDATION WALLS AND PIERCEMENTS WITHIN THE DEMOLITION AREA.
- 5. DEMOLISH EXISTING CONCRETE FOUNDATION WALLS AND PIERCEMENTS WITHIN THE DEMOLITION AREA.
- 6. DEMOLISH EXISTING CONCRETE FOUNDATION WALLS AND PIERCEMENTS WITHIN THE DEMOLITION AREA.

1 FIRST FLOOR PARTIAL DEMOLITION PLAN

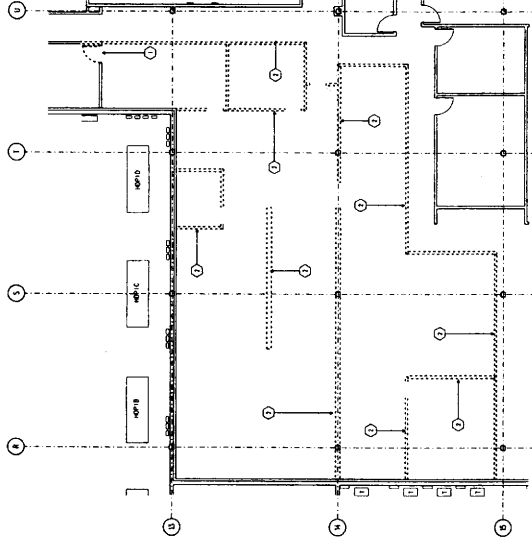
FIRST FLOOR
DEMOLITION PLAN



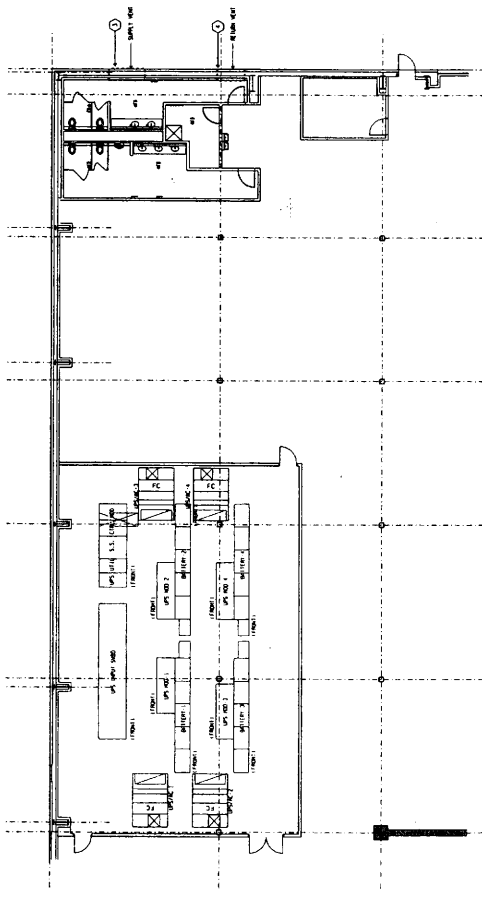
SABEY DATA CENTER
INTERQATE EAST CAMPUS
3355 S. 120TH PLACE
TUKWILA, WA 98168
PROJECT # 207311 01

CALLISON
1200 17TH AVENUE, SUITE 2000
SEATTLE, WASHINGTON 98101-2343
P: 206 452 4928
F: 206 452 4928
WWW.CALLISON.COM

SABEY CORPORATION
12201 TUKWILA INTERNATIONAL BLVD.
FOURTH FLOOR
TUKWILA, WA 98168-5123
P: 206 262 5965
F: 206 262 5965
WWW.SABEY.COM



02 FIRST FLOOR OFFICE DEMOLITION PLAN



01 FIRST FLOOR HVAC DEMO

- LEGEND:
- 1 DEMOLISH EXISTING WALL
 - 2 DEMOLISH EXISTING PARTIAL WALL
 - 3 DEMOLISH EXISTING DOOR
 - 4 DEMOLISH EXISTING WINDOW
 - 5 DEMOLISH EXISTING PARTIAL WINDOW
 - 6 DEMOLISH EXISTING PARTIAL DOOR
 - 7 DEMOLISH EXISTING PARTIAL WINDOW
 - 8 DEMOLISH EXISTING PARTIAL DOOR
 - 9 DEMOLISH EXISTING PARTIAL WINDOW
 - 10 DEMOLISH EXISTING PARTIAL DOOR



COMPANY:
 SABBY CORPORATION
 12201 TURKIELE INTERNATIONAL BLVD.
 SUITE 100
 TURKIELE, WA 98148-5121
 PHONE: (206) 881-7000
 FAX: (206) 881-0801
 WWW.SABBY.COM



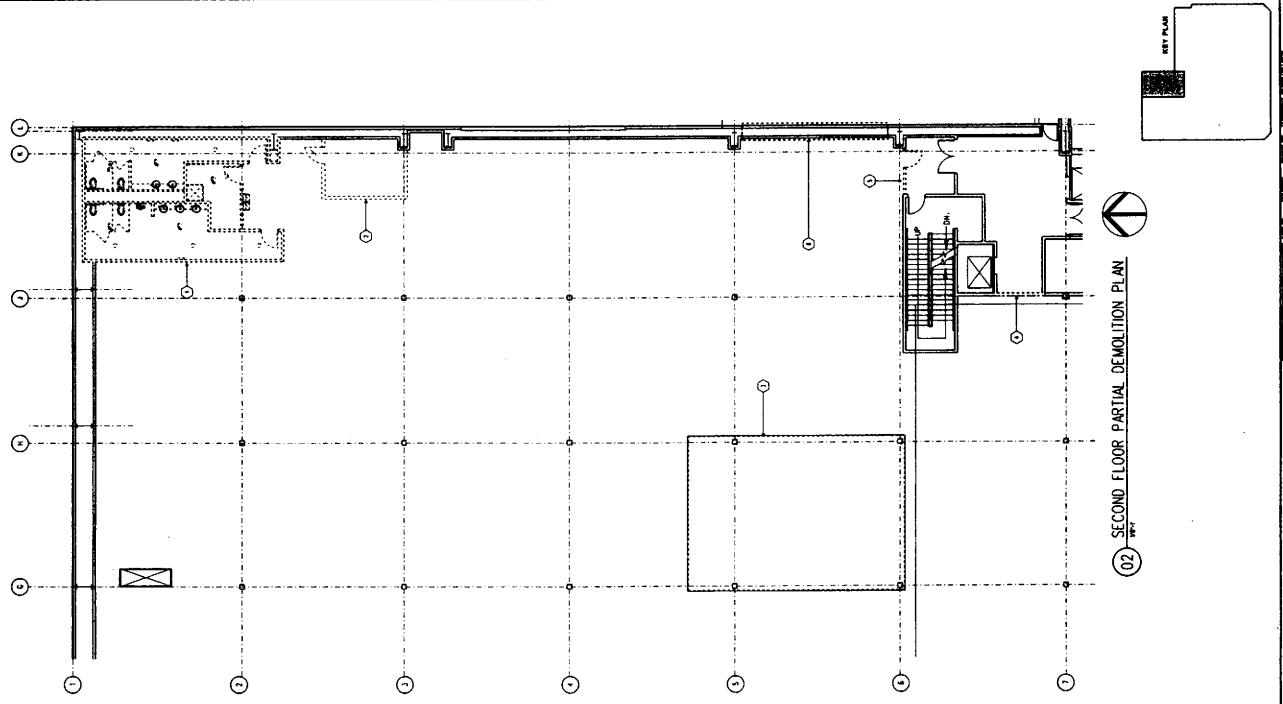
CALLISON
 1420 17TH AVENUE, SUITE 2000
 BELLEVUE, WASHINGTON 98005-3243
 P: 206.835.4828
 T: 206.835.4848
 WWW.CALLISON.COM

PROJECT # 207211-01
 TURKIELE, WA 98148
 3355 S. 120TH PLACE
 PHASE 02-01 TENANT IMPROVEMENT
 INTERIORS EAST CAMPUS
 SABBY DATA CENTER

ISSUED / REVISED	DATE
SCHEMATIC DEVELOPMENT/REVISED	
PROPOSED SET	11/20/2004
WORK DE	11/20/2004

SECOND FLOOR
 DEMOLITION PLAN

A-008



02 SECOND FLOOR PARTIAL DEMOLITION PLAN

- REVISIONS:**
- 1. ADD DEMOLITION WALL
 - 2. ADD STAIRS AND ELEVATOR FOR INSTALLATION IN 404
 - 3. ADD STAIRS AND ELEVATOR FOR INSTALLATION IN 404
 - 4. ADD STAIRS AT 404
 - 5. ADD STAIRS AT 404
 - 6. ADD STAIRS AT 404
 - 7. ADD STAIRS AT 404
 - 8. ADD STAIRS AT 404



OWNER:
SABBY CORPORATION
12201 TURKHEIM INTERCHANGE BLVD.
SOUTH FRIEDRICH
DALLAS, TX 75244-1123
PHONE: 214.343.7700
FAX: 214.343.8881
WWW.SABBY.COM



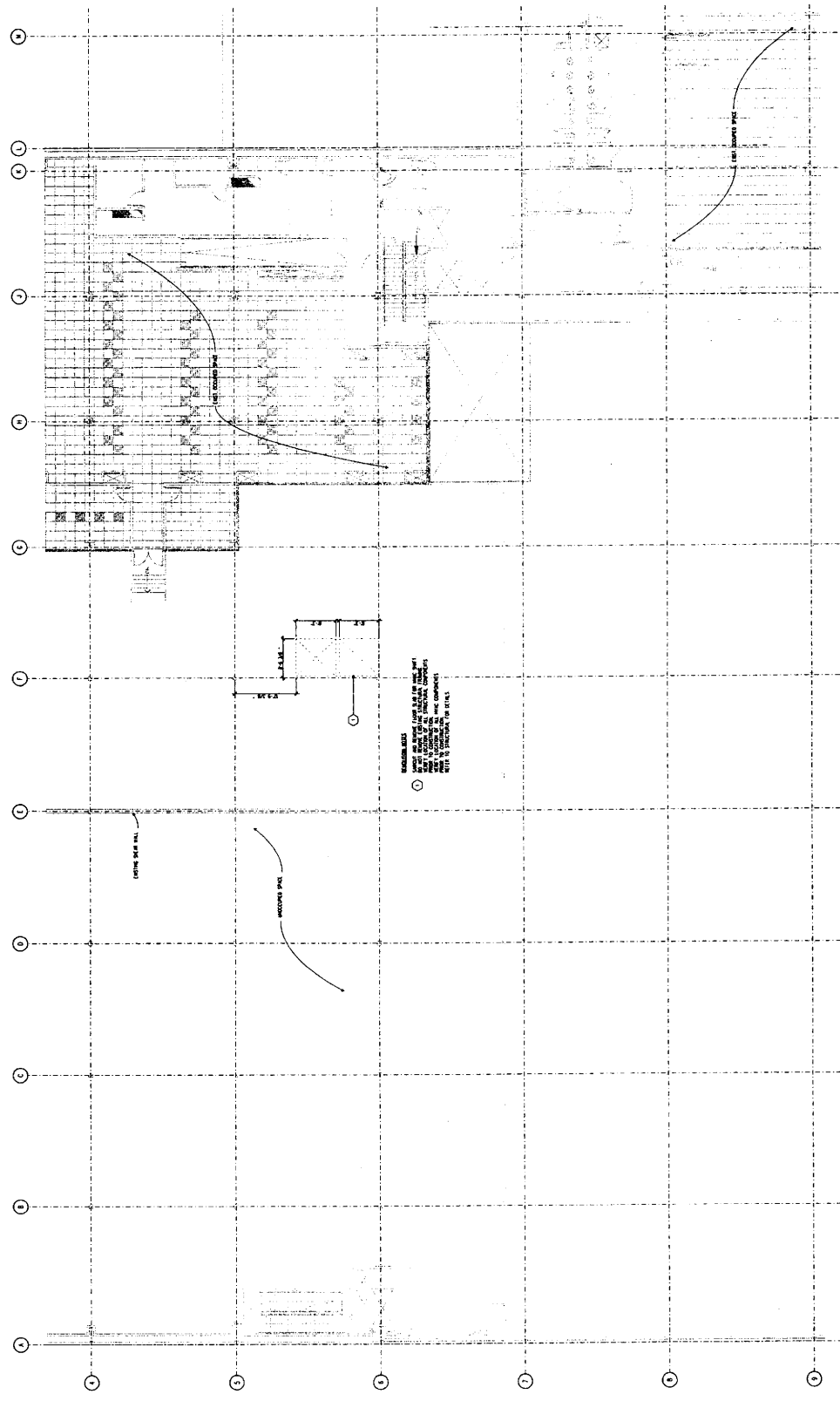
CALLISON
1420 17th Avenue SW
Seattle, Washington 98101-2043
P: 206.452.4625
F: 206.452.4648
WWW.CALLISON.COM

SABBY DATA CENTER
PHASE 22-01 TENANT IMPROVEMENT
INTERMEDIATE EAST CAMPUS
3555 S. 120th Place
TUKWILA, WA 98168
PROJECT # 207211.01

ISSUED FOR	DATE
SCHEMATIC DEVELOPMENT	11/11/2009
PERMITS SET	11/11/2009
ISSUE NO.	11111111

THIRD FLOOR
DEMOLITION PLAN

A-009



REVISIONS:
1. REVISED TO REFLECT THE REVISIONS TO THE PERMITS SET.
2. REVISED TO REFLECT THE REVISIONS TO THE PERMITS SET.
3. REVISED TO REFLECT THE REVISIONS TO THE PERMITS SET.
4. REVISED TO REFLECT THE REVISIONS TO THE PERMITS SET.
5. REVISED TO REFLECT THE REVISIONS TO THE PERMITS SET.



1 THIRD FLOOR PARTIAL DEMOLITION PLAN



SABRY CORPORATION
 12001 TWIN LANE INDUSTRIAL BLVD.
 SUITE 100
 SEASIDE, WA 98108-6121
 T 206 382 8700
 F 206 382 8801
 WWW.SABRY.COM

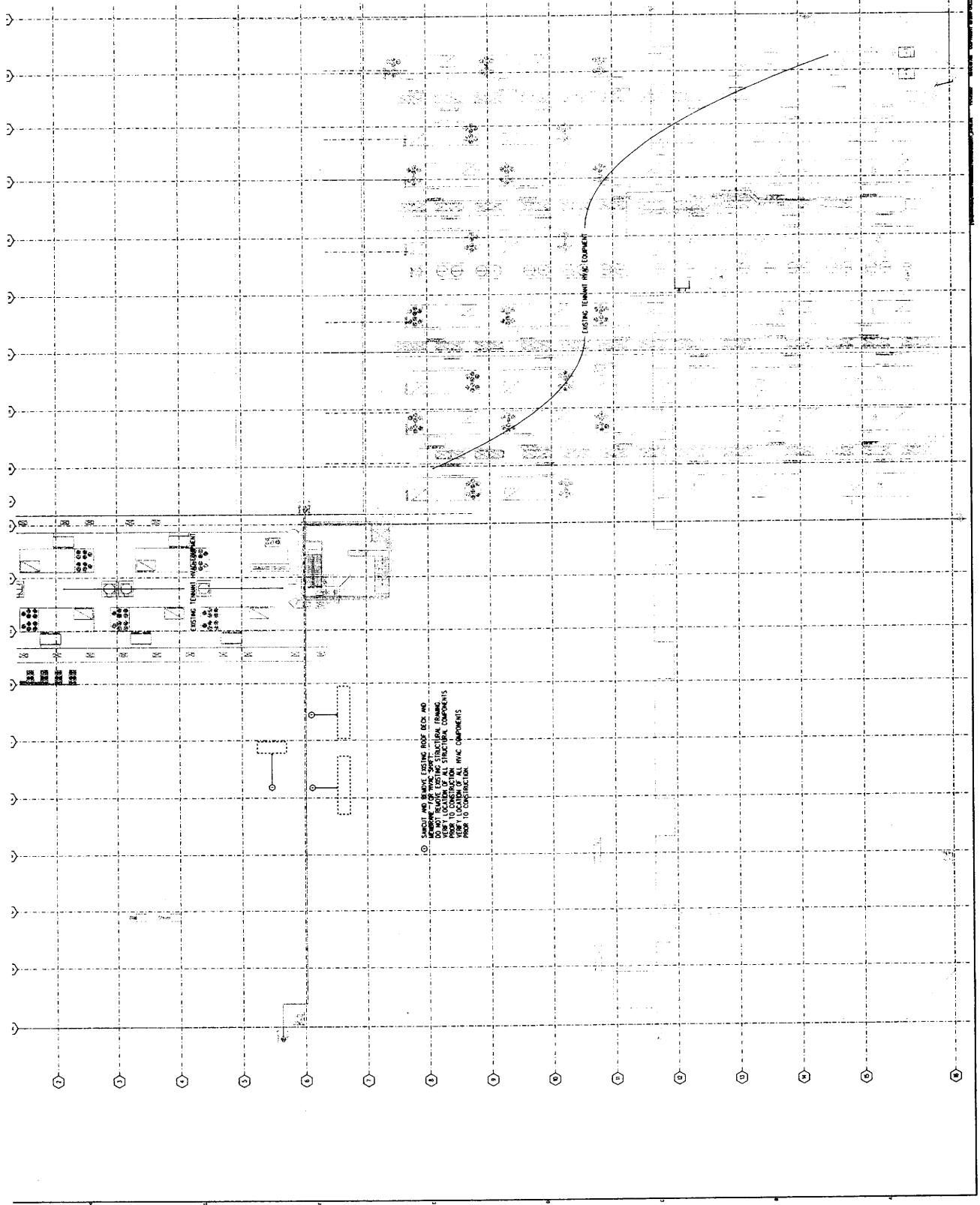


CALLISON
 1420 15TH AVENUE SUITE 2000
 BEAULIEU, WASHINGTON 98101-2345
 P 206 459 4520
 WWW.CALLISON.COM

SABRY DATA CENTER
 PHASE 22-01 TENEMENT IMPROVEMENT
 INTERSTATE EAST CAMPUS
 TUKWILA, WA 98108
 PROJECT # 20211101

DESIGNED BY	DATE
CHECKED BY	
APPROVED BY	
SCALE	
DATE	

ISSUE
 REVISION PLAN
 A-010





SABRY CORPORATION
 12201 TWINLAKES AVENUE, SUITE 100
 TWIN LAKES, WA 98168-1121
 TEL: 206.282.8881
 FAX: 206.282.8882
 WWW.SABRY.COM



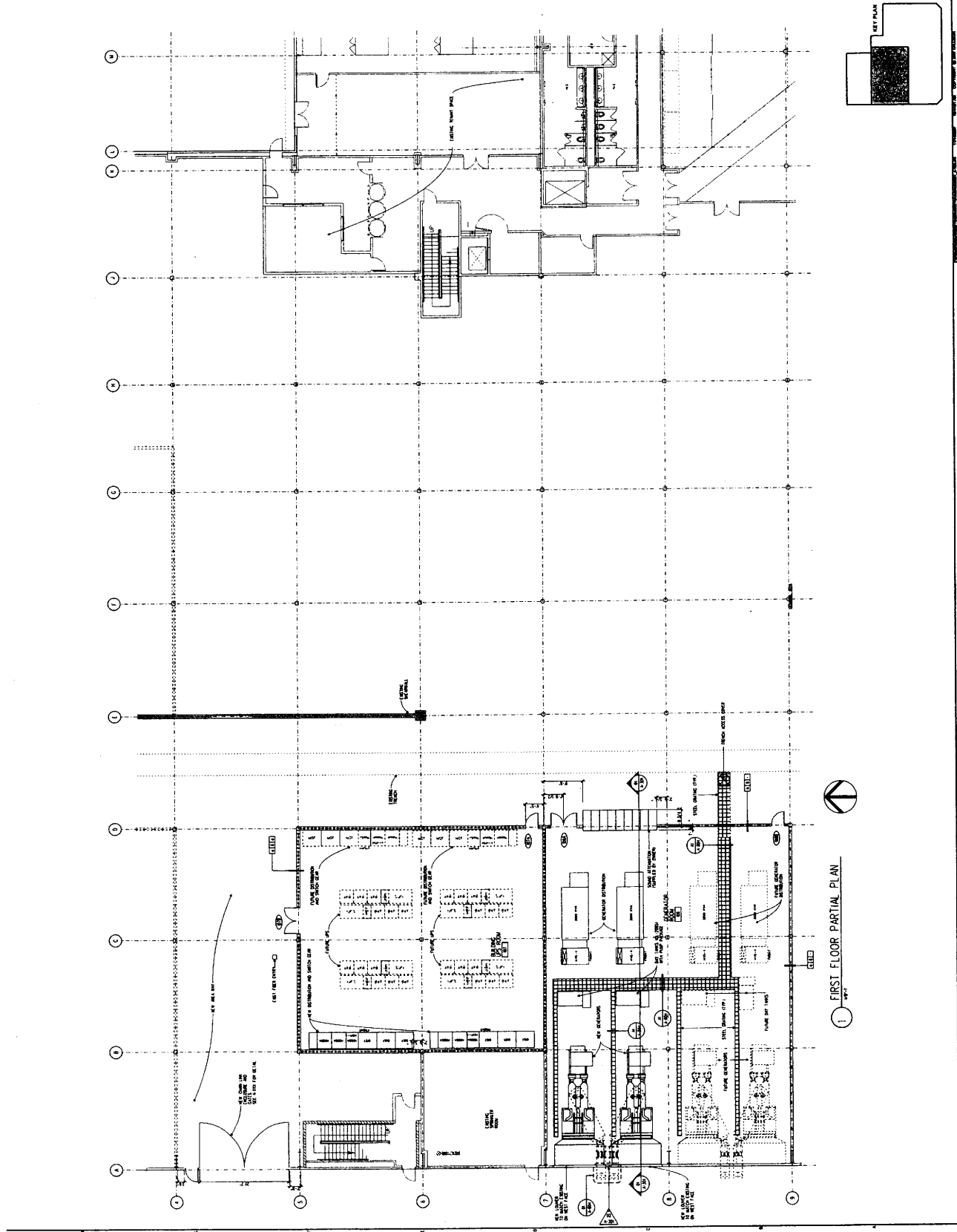
CALLISON
 1420 9TH AVENUE, SUITE 2000
 SEATTLE, WASHINGTON 98101-2443
 TEL: 206.452.4828
 FAX: 206.452.4828
 WWW.CALLISON.COM

SABRY DATA CENTER
 PHASE 22-01 TERNET IMPROVEMENT
 INTERMEDIATE EAST CAMPUS
 3555 S. 120TH PLACE
 TUMWALTA, WA 98148
 PROJECT # 202211-01

REVISION	DATE	BY	CHKD

FIRST FLOOR
 PARTIAL PLAN

A-100





SABBY CORPORATION
 12201 TRENTHAM INTERCHANGE BLVD.
 FARMINGDALE, WASHINGTON 98148-1121
 TEL: 206 281 9700
 FAX: 206 282 9851
 WWW.SABBY.COM

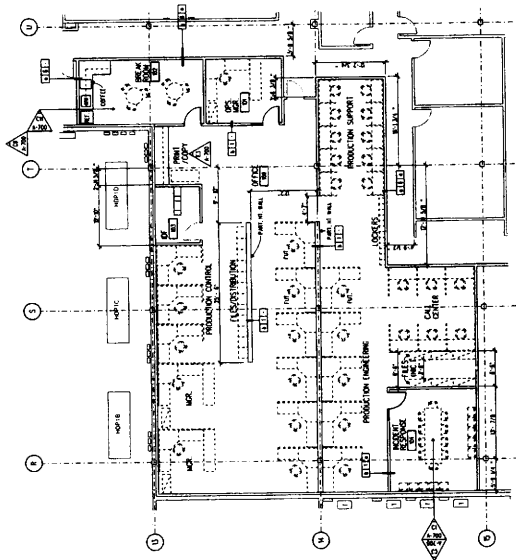
CALLISON
 1420 AVENUE 2200
 SEATTLE, WASHINGTON 98101-2048
 206 462 4928
 WWW.CALLISON.COM

SABBY DATA CENTER
 PHASE 22-01 TRENTHAM IMPROVEMENT
 INTERSTATE EAST CAMPUS
 3355 S. 120TH PLACE
 TUMWAL, WA 98108
 PROJECT # 22711.01

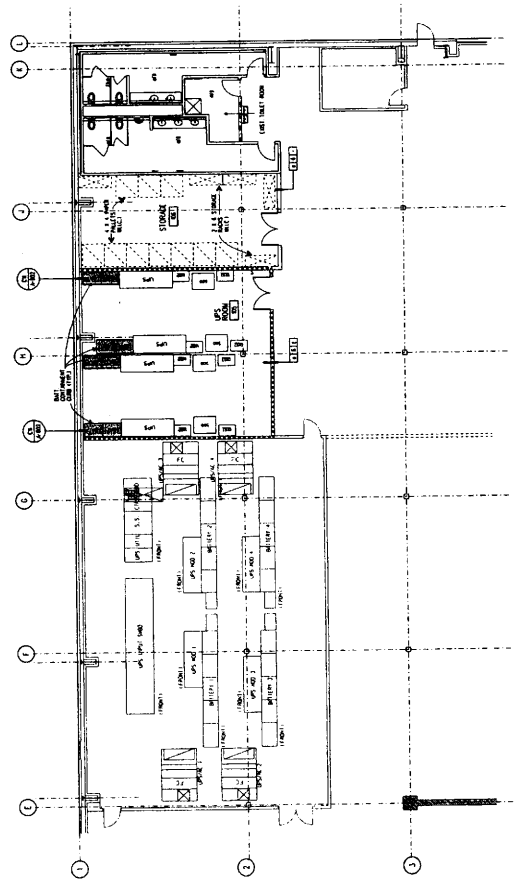
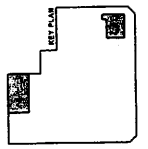
ISSUED / REVISED	DATE
PROVISIONS FOR ELECTRICAL	11/11/2014
REVISIONS	11/11/2014
AREA	USA, DC
USER	11/11/2014

UTILITY AREA
 OFFICE AREA
 UTILITY AREA

A-101



ALL ELECTRICAL OFFICE LAMPING TO BE INSTALLED IN ACCORDANCE WITH THE 2012 NEC AND 2012 IFC. ALL LAMPING TO BE INSTALLED IN ACCORDANCE WITH THE 2012 NEC AND 2012 IFC.



01 FIRST FLOOR PARTIAL PLAN

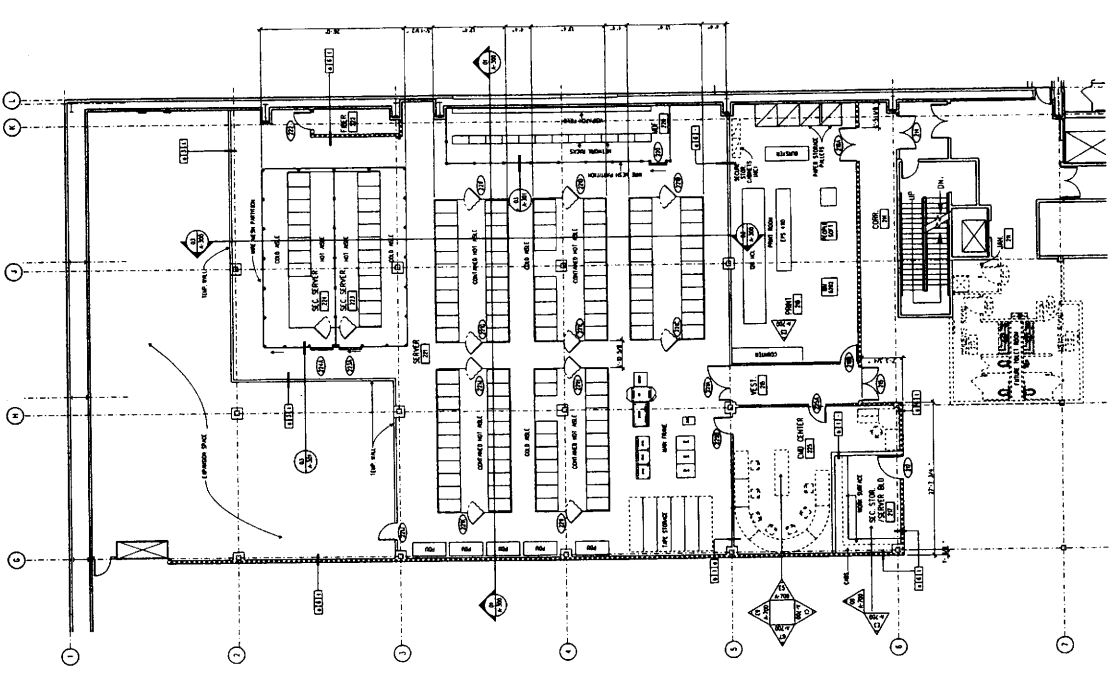
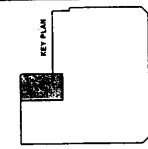


SABBY CORPORATION
 12201 WALKER INTERSTATE BLVD.
 SEASIDE, WA 98138
 TEL 206 391 8700
 FAX 206 391 8801
 WWW.SABBY.COM

CALLISON
 1420 9TH AVENUE SEASIDE
 SEASIDE, WASHINGTON 98138-2343
 TEL 206 832 4848
 FAX 206 832 4928
 WWW.CALLISON.COM

PROJECT # 20231-01
 PHASE B2-01 TRUNK IMPROVEMENT
 SAREE DATA CENTER
 3355 S. 120TH PLACE
 TUMWIL, WA 98168

REVISION	DATE	BY	CHKD



01 SECOND FLOOR PARTIAL PLAN
 1/2" = 1'-0"

SABBY
 ARCHITECTS
 12201 7th Avenue SW
 Seattle, WA 98148-6121
 Phone: (206) 425-1100
 Fax: (206) 425-8881
 www.sabby.com

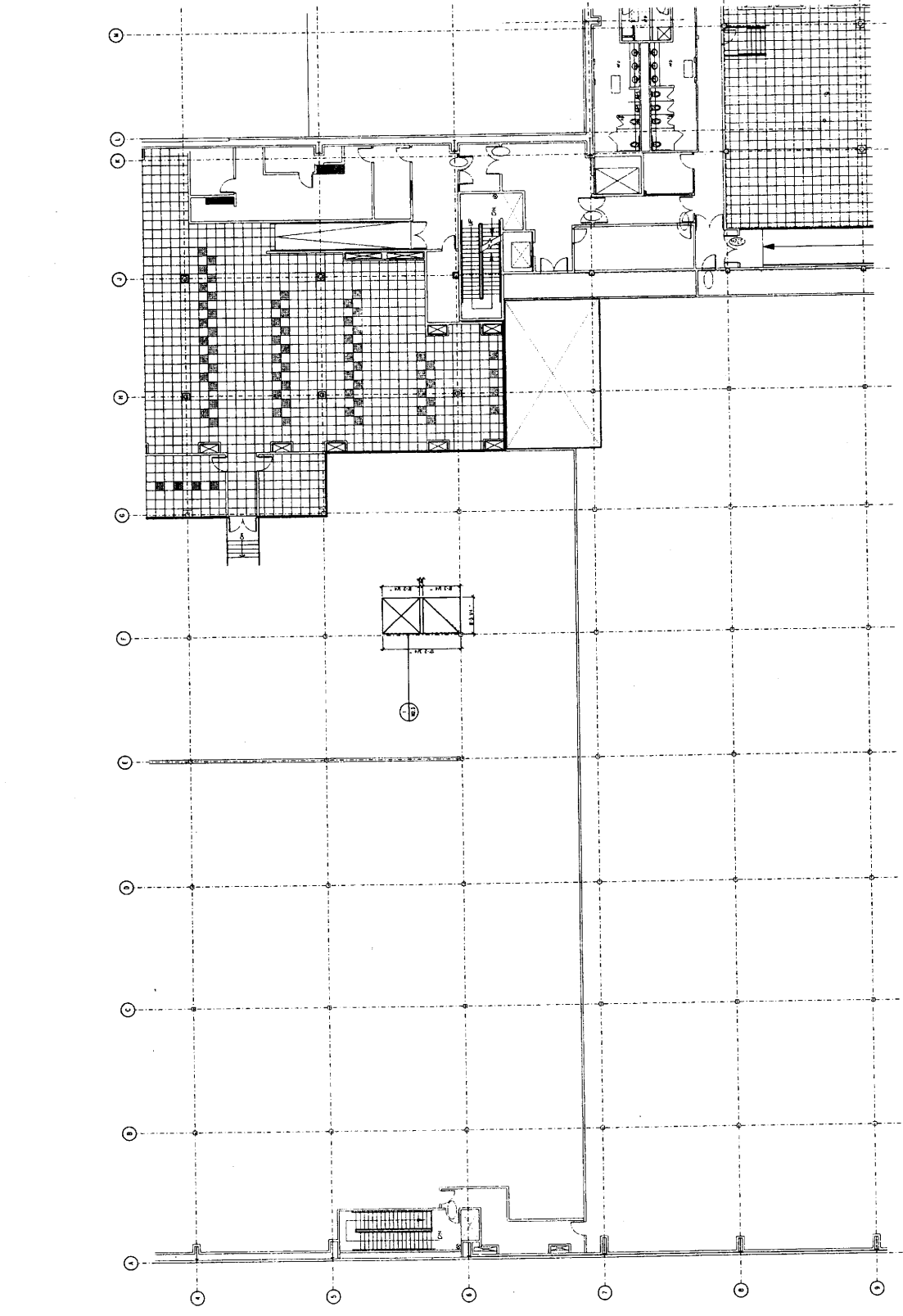
CALLISON
 1420 Fifth Avenue #2400
 Seattle, WA 98101-3243
 Phone: (206) 462-6600
 Fax: (206) 462-6620
 www.callison.com

**SABBY DATA CENTER
 PHASE 22.0 TRENCH IMPROVEMENT
 INTERGATE EAST CAMPUS**
 3355 S. 120th Place
 Tukwila, WA 98188
 PROJECT # 202211.01

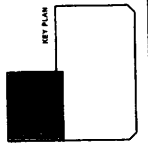
REVISED	DATE	BY

MECHANICAL ELECTRICAL PLUMBING
 AREA
 SHEET NO.
 DATE

THIRD FLOOR
 PLAN
A-103



1 THIRD FLOOR PARTIAL PLAN





OWNER
 SBBBY CORPORATION
 12221 12th Avenue, Suite 100
 Seattle, WA 98148-1221
 Phone: (206) 464-8888
 Fax: (206) 464-8888
 www.sbbby.com

CALLISON

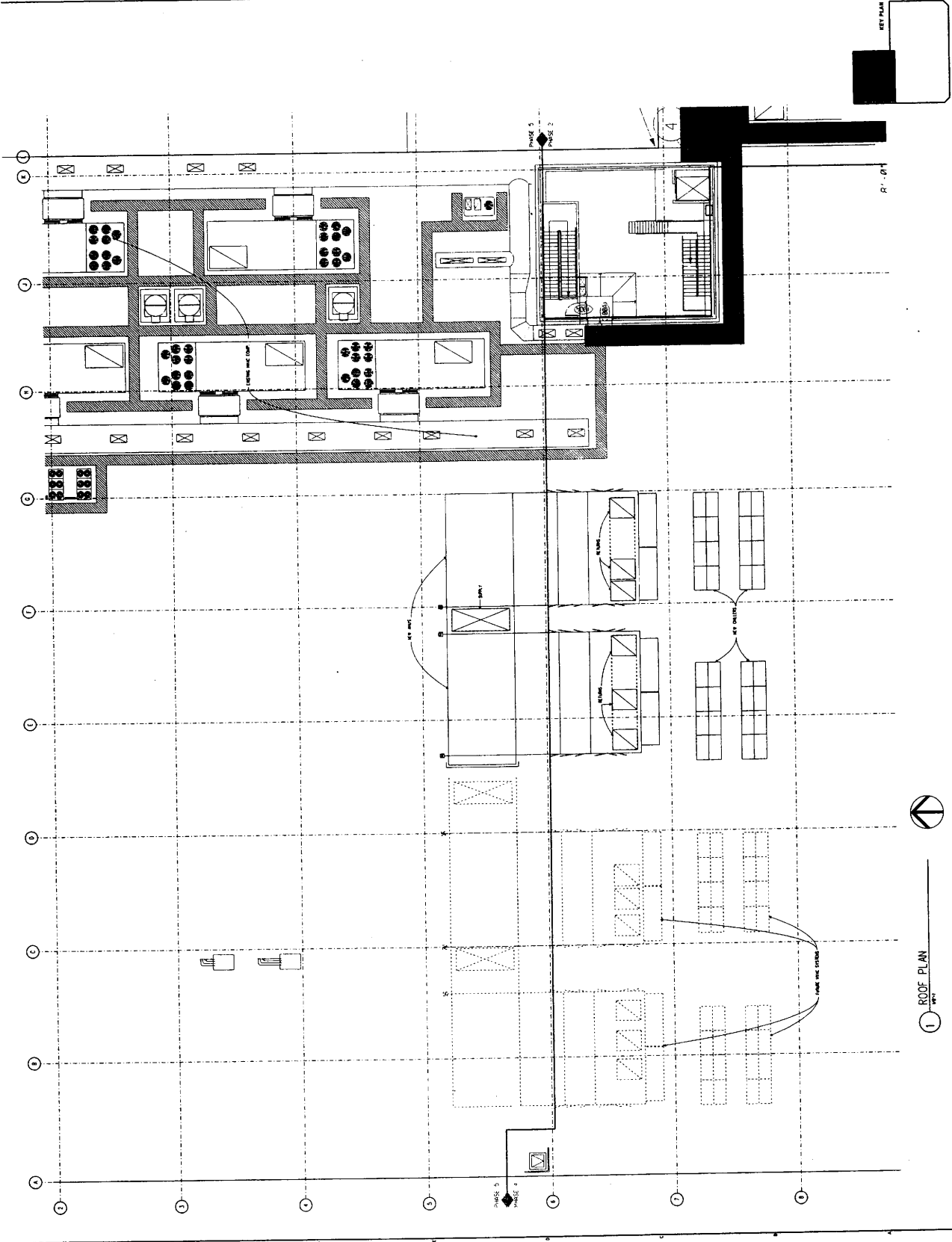
1420 15th Avenue, Suite 2000
 Seattle, Washington 98101-2003
 P: 206 452 8000
 F: 206 452 4000
 www.callison.com

PROJECT # 202111.01
 TUKWILA, WA 98188
 5355 S. 120th Place
 INTERSTATE EAST CAMPUS
 SBBBY DATA CENTER

REVISION NUMBER DATE
 1 11/13/09
 2 11/13/09
 3 11/13/09
 4 11/13/09
 5 11/13/09

ROOF PLAN

A-104



1 ROOF PLAN



OWNER: SABBY CORPORATION
 12201 Tukwila International Blvd.
 Tukwila, WA 98168-6121
 PHONE: 206 835 8855
 FAX: 206 835 8855
 WWW.SABBY.COM

CALLISON

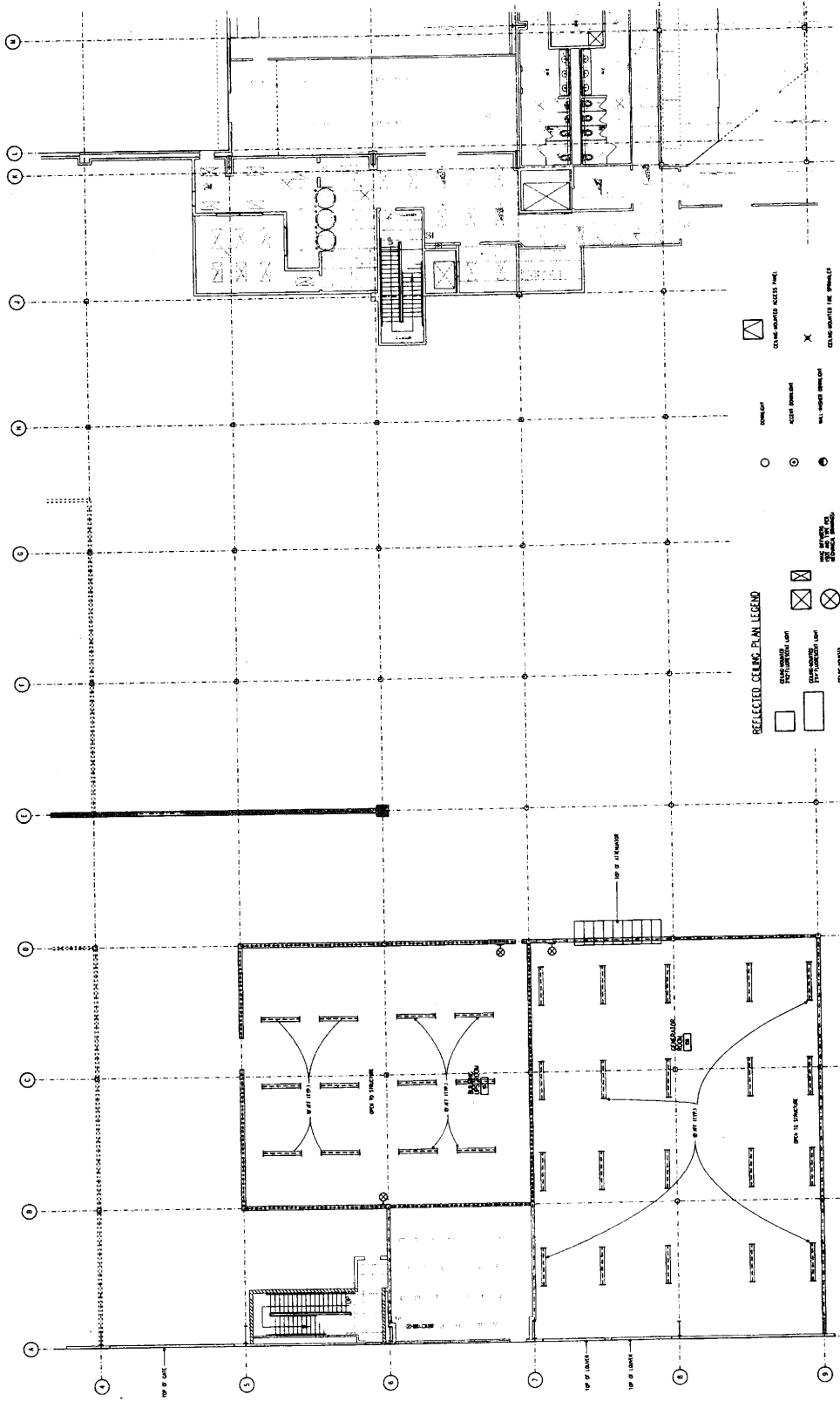
CALLISON
 1420 Fifth Avenue #2400
 Seattle, Washington 98101-2243
 PHONE: 206 465 4622
 FAX: 206 465 4622
 WWW.CALLISON.COM

PROJECT # 202111-01
 SABBY DATA CENTER
 PHASE 22-01 TERNET IMPROVEMENT
 INTERMEDIATE EAST CAMPUS
 3355 S. 120th Place
 Tukwila, WA 98168

DESIGNED BY:	DATE:
CHECKED BY:	DATE:
DRAWN BY:	DATE:
SCALE:	DATE:

SHEET FLOOR
 PARTIAL REFLECTED
 CEILING PLAN

A-105



REFLECTED CEILING PLAN LEGEND

	CEILING-MOUNTED ACCESS PANEL
	CEILING-MOUNTED FIRE ALARM
	CEILING-MOUNTED SMOKE DETECTOR
	CEILING-MOUNTED LED LIGHT
	CEILING-MOUNTED FLUORESCENT LIGHT
	CEILING-MOUNTED ACOUSTIC TILE
	CEILING-MOUNTED ACOUSTIC PANEL
	CEILING-MOUNTED LED LIGHT FIXTURE
	CEILING-MOUNTED FLUORESCENT LIGHT FIXTURE
	CEILING-MOUNTED ACOUSTIC TILE FIXTURE
	CEILING-MOUNTED ACOUSTIC PANEL FIXTURE

NOT TO SCALE
 1/8" = 1'-0"
 1/4" = 3'-0"
 1/2" = 6'-0"



1 FIRST FLOOR PARTIAL REFLECTED CEILING PLAN



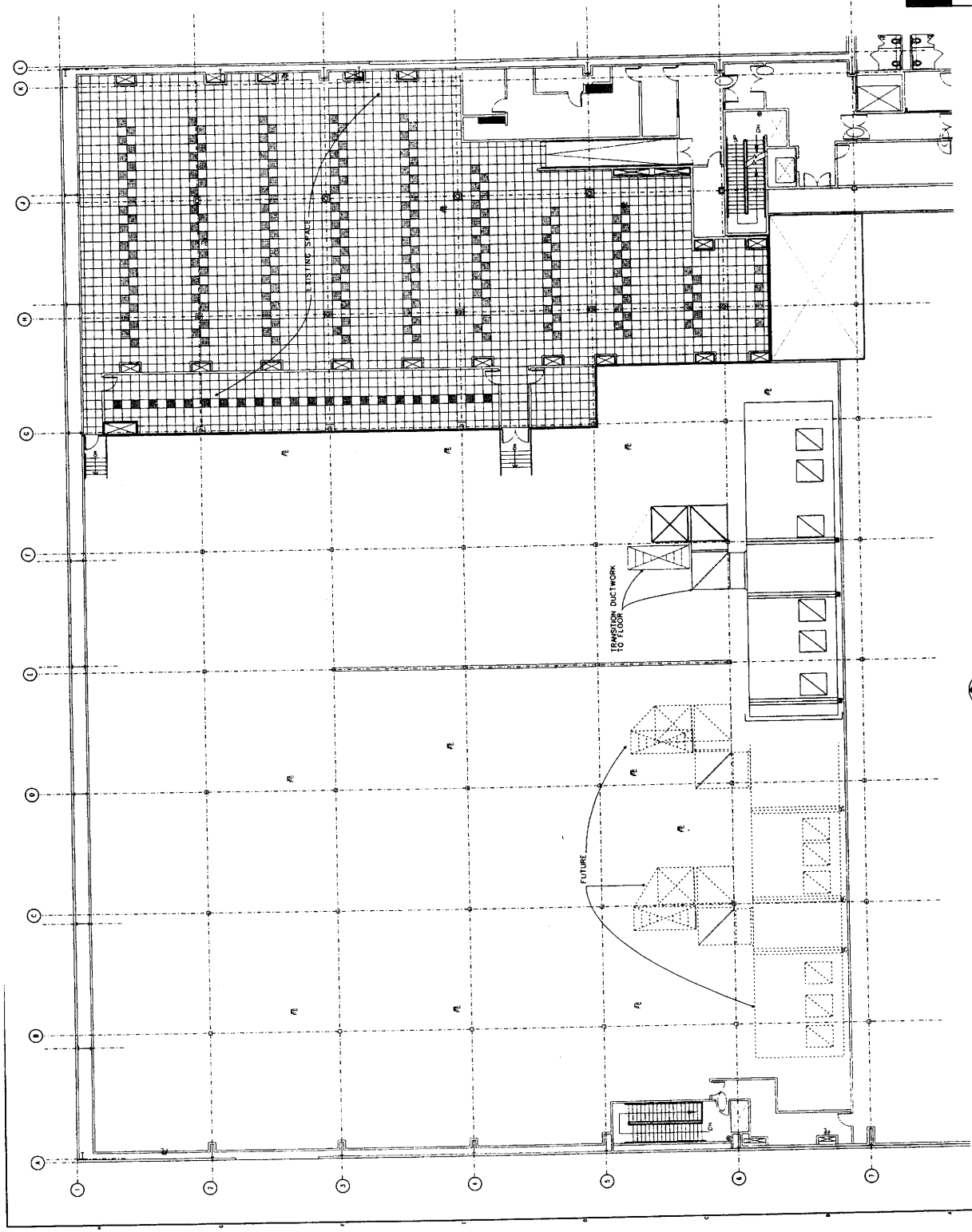
SABBY CORPORATION
 12221 THURMOND INTERNATIONAL BLVD.
 FORTN WASH, WASHINGTON 20741
 TEL: 202 381 8700
 FAX: 202 381 8801
 WWW.SABBY.COM

CALLISON
 1420 17TH AVENUE SW
 WASHINGTON, WASHINGTON 98101-2243
 TEL: 202 524 4848
 FAX: 202 524 4828
 WWW.CALLISON.COM

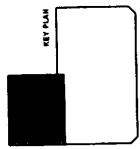
SABBY DATA CENTER
 PHASE 02-01 TRENCH IMPROVEMENT
 3285 S. 120TH PLACE
 TUMWIL, WA 98108
 PROJECT # 20221191

ISSUED/REVISED	DATE
GENERATIVE DESIGN/REVISED	11/14/2021
REVISIONS	11/14/2021
DATE	11/14/2021
BY	
CHKD BY	
APP'D BY	

THIRD FLOOR
 PARTIAL REFLECTED
 CEILING PLAN
A-108



1 THIRD FLOOR PARTIAL REFLECTED CEILING PLAN





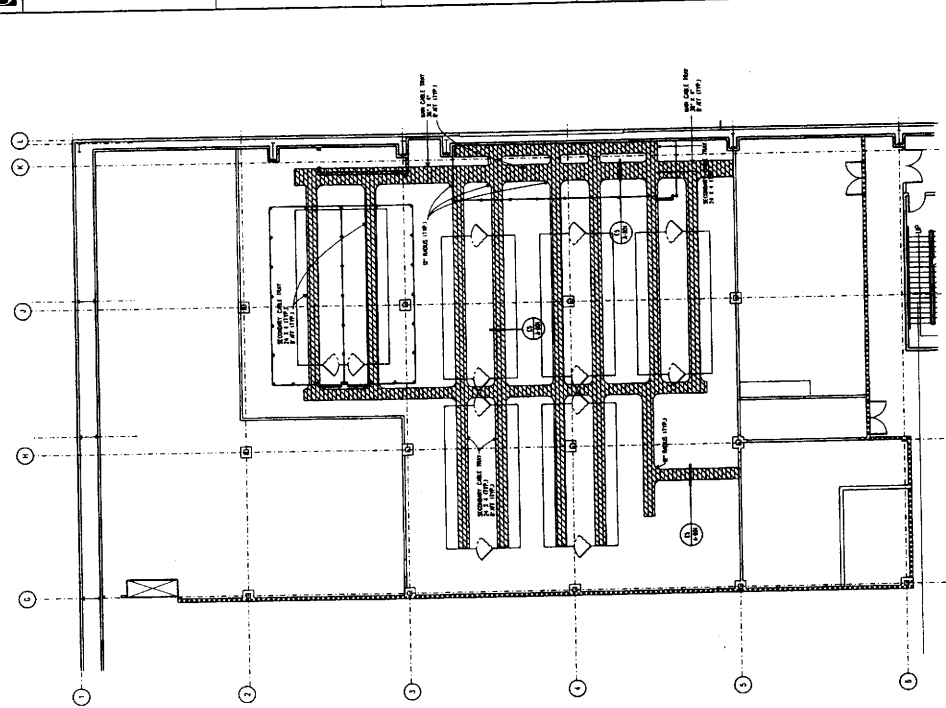
OWNER: SABBAY CORPORATION
 12201 12TH AVENUE, SUITE 100
 SEATTLE, WA 98148-6121
 PHONE: 206.461.5700
 FAX: 206.461.5700
 WWW.SABBY.COM

CALLISON
 1420 9TH AVENUE, SUITE 2000
 SEATTLE, WASHINGTON 98101-2343
 WWW.CALLISON.COM
 PHONE: 206.465.4000
 FAX: 206.465.4000

PROJECT # 202311-01
 SABBAY DATA CENTER
 PHASE 2-01 TENANT IMPROVEMENT
 INTERIOR EAST CAMPUS
 3355 S. 120TH PLACE
 TUKWILA, WA 98168

ISSUED / CHECKED:	DATE:
PROJECT MANAGER / ENGINEER:	11/14/2023
ARCHITECT / SET:	11/14/2023
DATE:	11/14/2023

SECOND FLOOR
 CABLE TRAY PLAN
 A-109



01 SECOND FLOOR CABLE TRAY PLAN



OWNER:
SABBY CORPORATION
12201 TWIN HILLS INDUSTRIAL BLVD
FOURTH FLOOR
TOWNSHIP, WA 98168-5124
PHONE: 206 822 8821
FAX: 206 822 8821
WWW.SABBY.COM

CALLISON
1420 PINE AVENUE #2400
SEATTLE, WASHINGTON 98101-2343
PHONE: 206 464 4444
FAX: 206 464 4444
WWW.CALLISON.COM

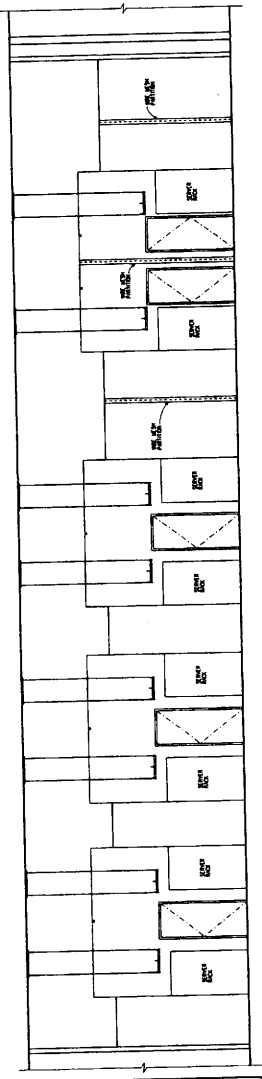
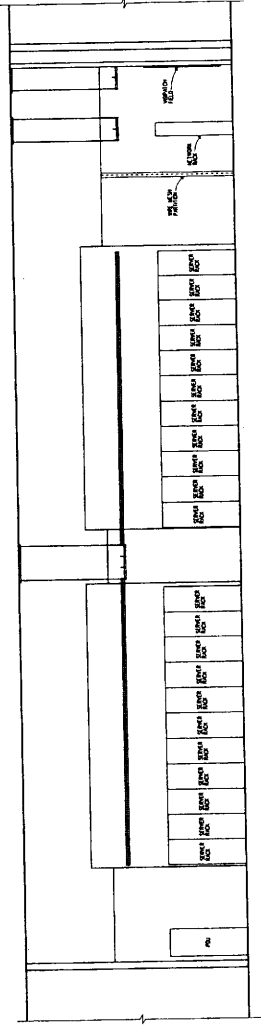
SABBY DATA CENTER
PHASE 23-01 TEMENT IMPROVEMENT
INTERGATE EAST CAMPUS
3555 S. 120th PLACE
TOWNSHIP, WA 98168
PROJECT # 202111.01

ISSUED / REVISED: DATE
SUBMITTED FOR PERMITTING: DATE
DATE: DATE
BY: NAME
CHECKED: NAME
DATE: DATE

NO.	SECTION	DATE	BY	CHECKED

SECTIONS

A-300





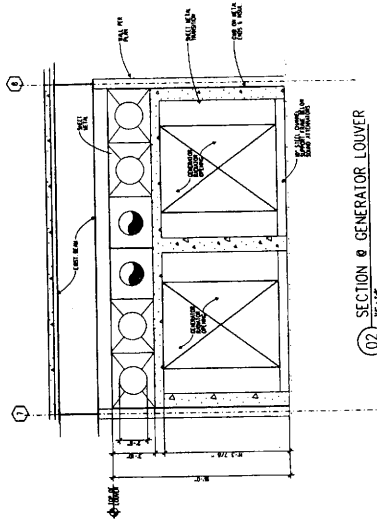
SABBY CORPORATION
 12201 7TH AVENUE NORTH
 FORT WORTH, TEXAS 76140-8121
 T 817 341 8700
 F 817 342 9811
 www.sabby.com

CALLISON
 1420 7TH AVENUE SOUTH
 SEATTLE, WASHINGTON 98101-2343
 P 206 452 4525
 F 206 452 4525
 www.callison.com

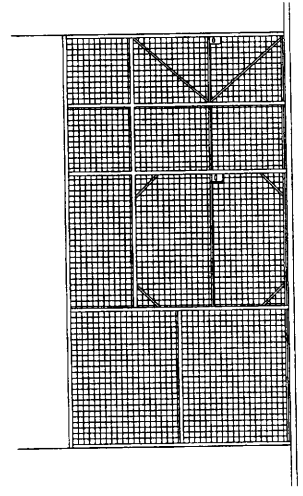
PROJECT # 287311.01
 SABBY DATA CENTER
 PHASE 02-01 TENANT IMPROVEMENT
 INTERGRADE EAST CAMPUS
 1355 S. 120TH PLACE
 TUMWILTA, WA 98108

APPROVED	DATE
DESIGNED	
CHECKED	
DATE	
DATE	
DATE	
DATE	
DATE	
DATE	

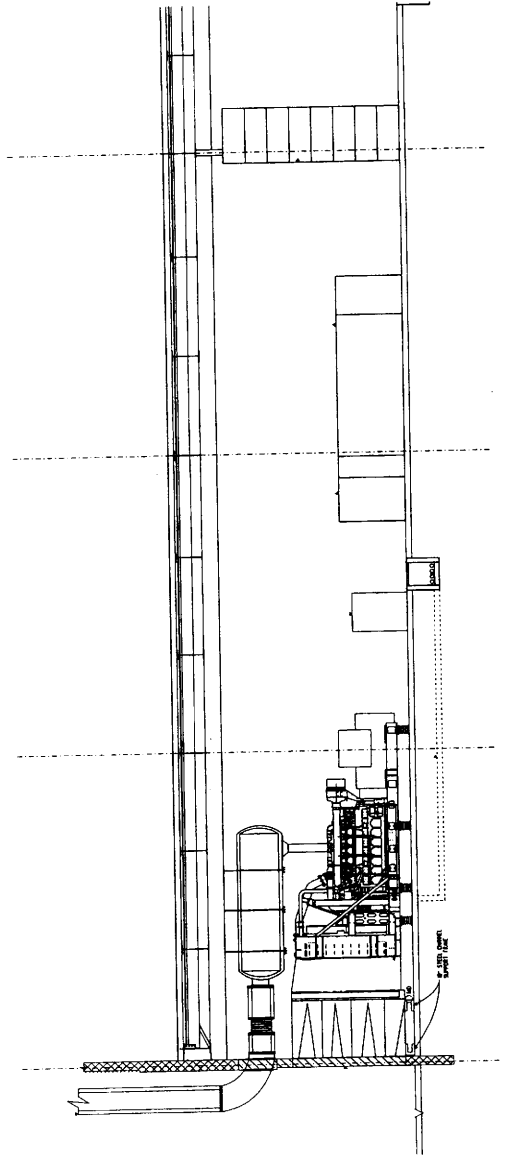
ELEVATIONS
 & SECTIONS
A-301



02 SECTION @ GENERATOR LOWER
SP. 14'



03 SECTION @ SECURITY CAGE
SP. 14'



01 GENERATOR SECTION
SP. 14'



OWNER:
SABRY CORPORATION
12201 INGLETON INDUSTRIAL BLVD.
FAIRFAX, VA 22033
TEL: 703 281 8700
FAX: 703 282 8881
WWW.SABRY.COM

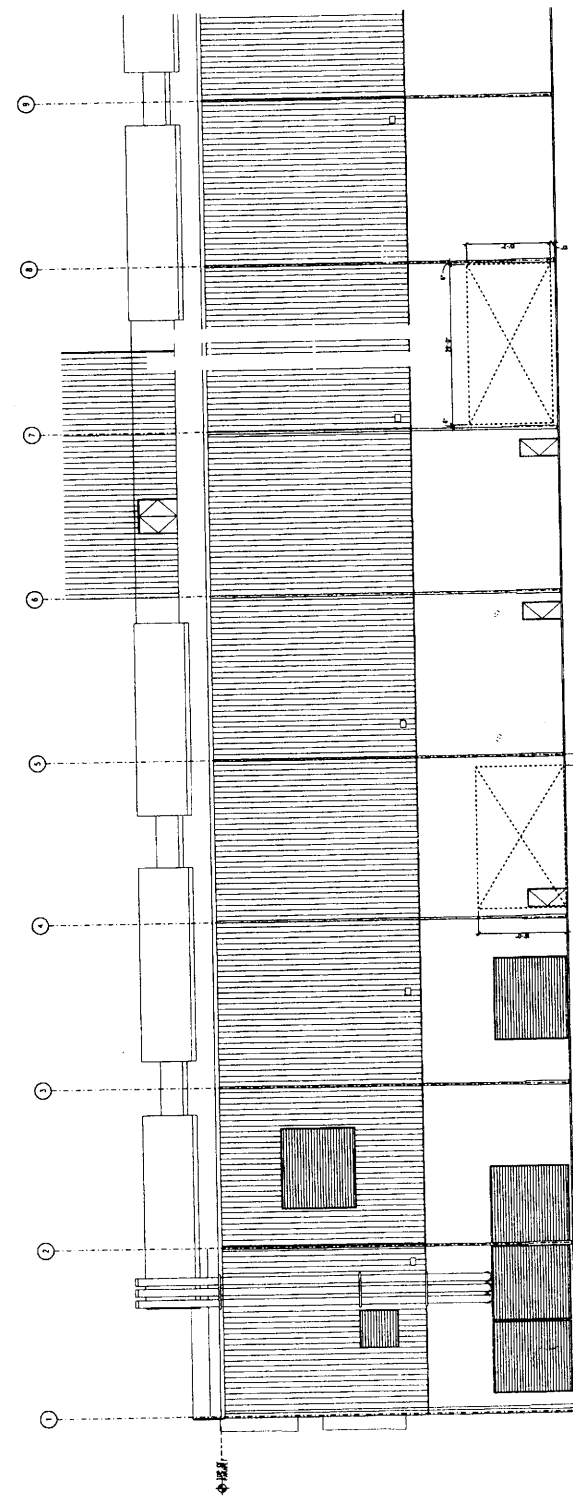
CALLISON
1420 19TH AVENUE SEASIDE
DALLAS, TEXAS 75205
TEL: 214 635 4800
FAX: 214 635 4800
WWW.CALLISON.COM

SABRY DATA CENTER
INTERGATE EAST CAMPUS
3355 S. IZON PLACE
TUMWATER, WA 98108
PROJECT # 20731-01

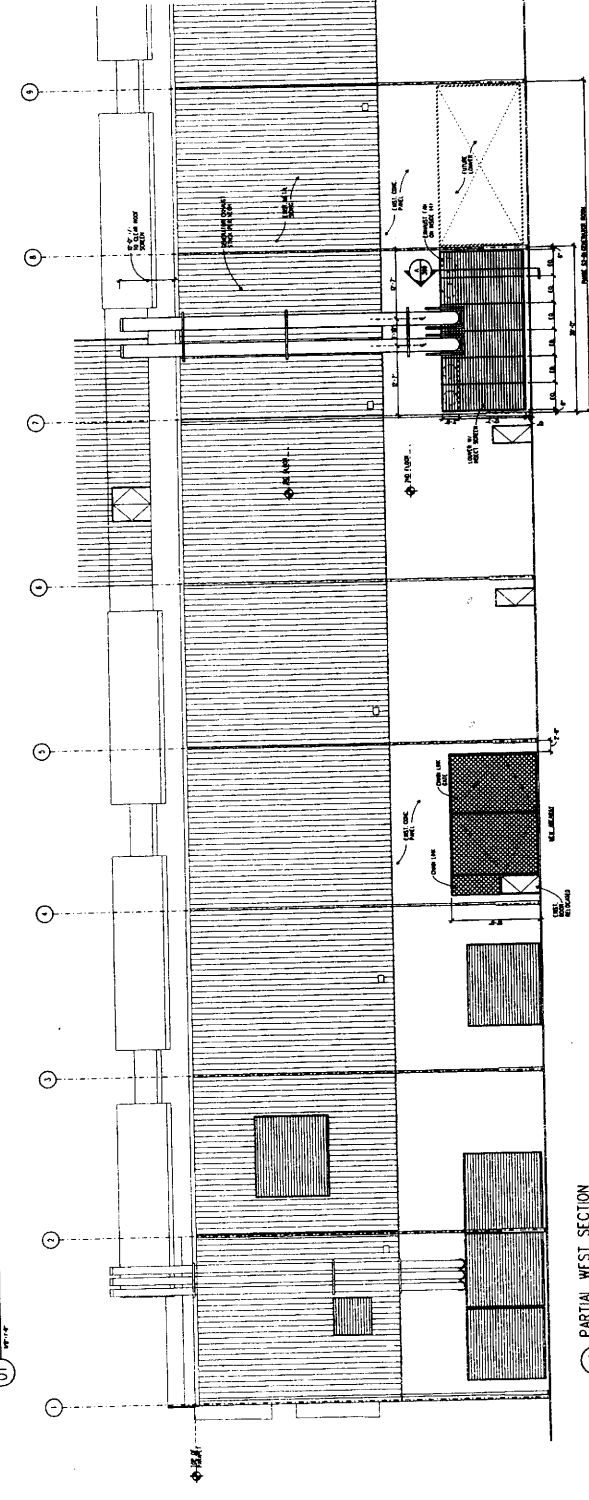
REVISION NO.	DATE
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49	11/14/2007
50	11/14/2007

ELEVATIONS

A-500



01 PARTIAL WEST SECTION DEMOLITION



02 PARTIAL WEST SECTION



SBBBY
 12201 TOWN CENTER DRIVE
 FORT WORTH, TX 76134
 TEL: 817.341.8811
 WWW.SBBBY.COM

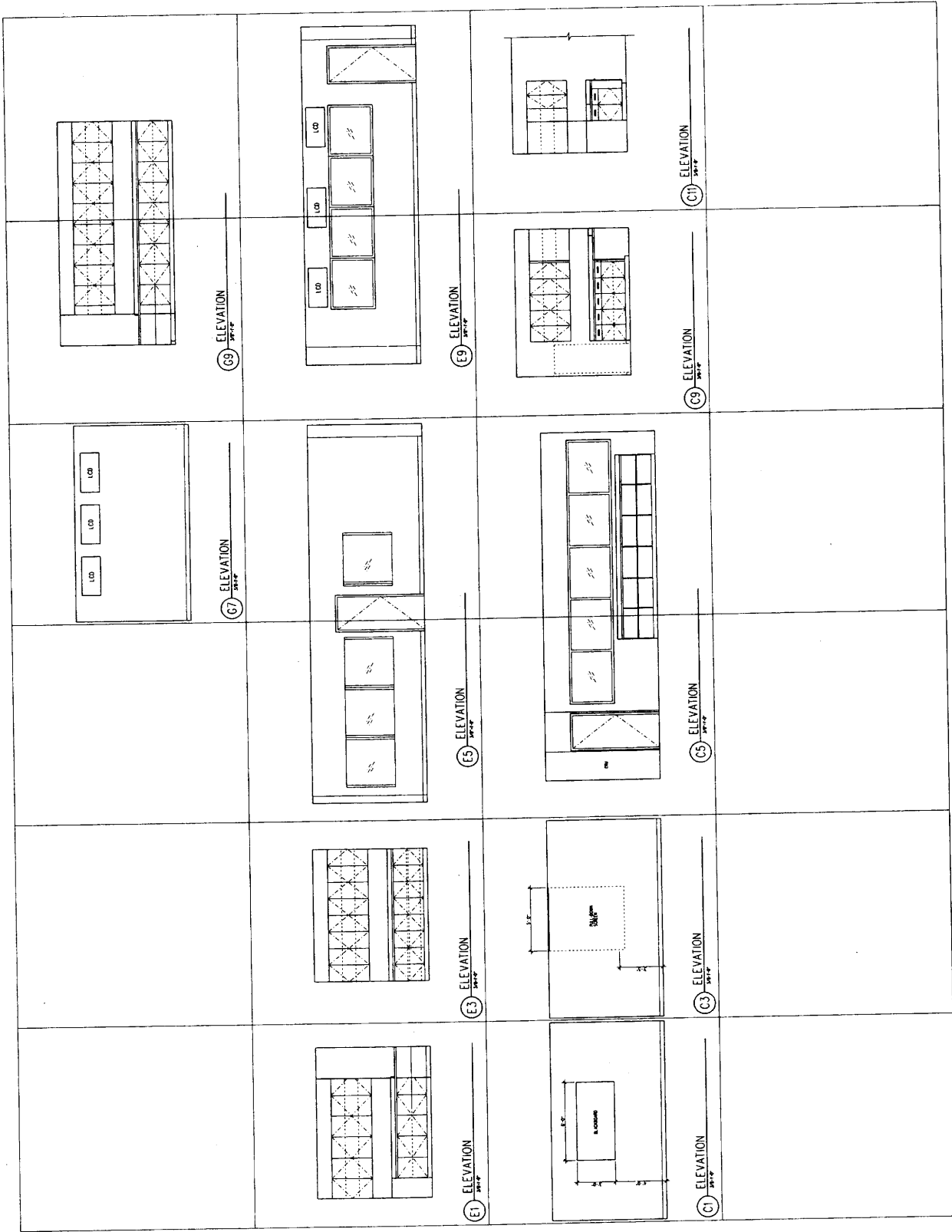
CALLISON

CALLISON
 1400 19TH AVENUE SOUTH
 SUITE 400, WASHINGTON, WA 98101-2343
 TEL: 206.452.4928
 WWW.CALLISON.COM

SBBBY DATA CENTER
 INTERIOR EAST CAMPUS
 PHASE 23-01 TENANT IMPROVEMENT
 3355 S. 120TH PLACE
 TUKWILA, WA 98188
 PROJECT # 202311-01

DESIGNED BY	DATE
CHECKED BY	
APPROVED BY	
ISSUED BY	
ISSUE NO.	
ISSUE DATE	
ISSUE DESCRIPTION	
ISSUE NO.	
ISSUE DATE	
ISSUE DESCRIPTION	
ISSUE NO.	
ISSUE DATE	
ISSUE DESCRIPTION	

RELEASED PLAN &
 ELEVATIONS
A-700





SABBY CORPORATION
 12201 MARKET STREET
 PHOENIX, AZ 85042
 602-998-1212
 WWW.SABBY.COM

GALLISON
 1420 7TH AVENUE SW
 TUMWAL, WA 98158
 206-833-4444
 206-833-8828
 WWW.GALLISON.COM

DOOR SCHEDULE

NO.	SYMBOL	FRAME	DETAIL	NOTES
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HARDWARE GROUPS

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DOOR TYPES

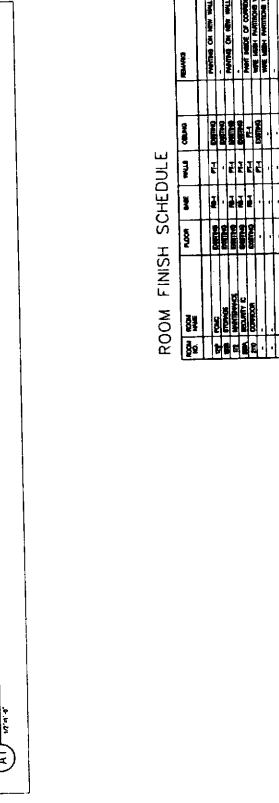
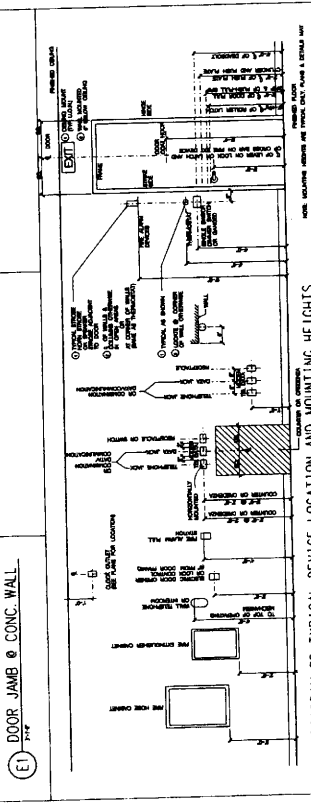
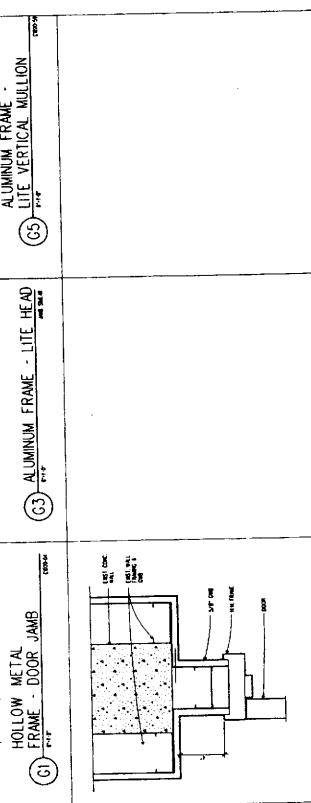
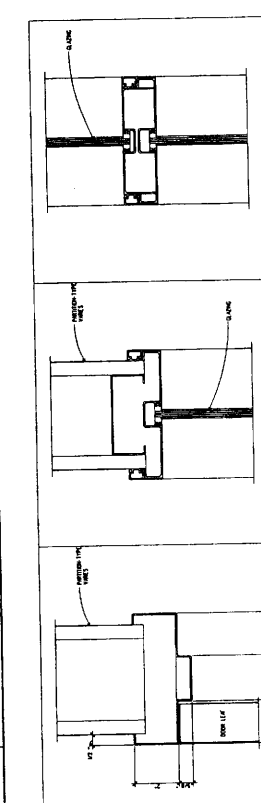


FRAME TYPES



FINISH LEGEND

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ROOM FINISH SCHEDULE

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CONTRACTOR
SABBY DATA CENTER
12201 TWINBROOK INDUSTRIAL BLVD.
GAINESVILLE, FL 32609-4121
TEL: 352.382.2881
WWW.SABBY.COM

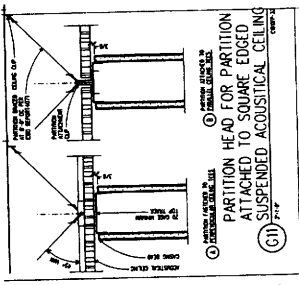
CALLISON
1365 S. 120TH PLACE
TUMWITZ, WA 98148
TEL: 206.833.4422
WWW.CALLISON.COM

PHASE 02-01 TRENCH & RAMP
SABBY DATA CENTER
INTERIOR CASEWORK
TUMWITZ, WA 98148
PROJECT # 202101-01

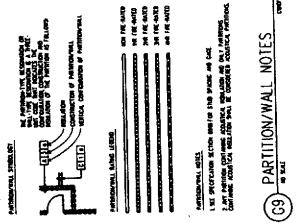
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REVISIONS	DESCRIPTION
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DETAILS

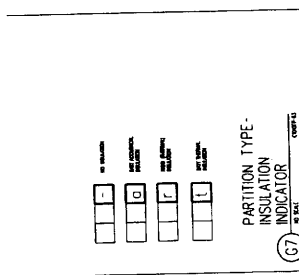
A-801



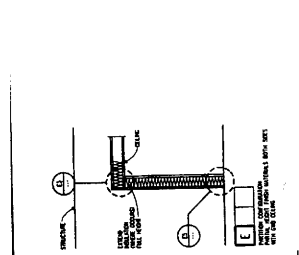
E11 PARTITION HEAD FOR PARTITION ATTACHED TO SQUARE EDGED SUSPENDED ACOUSTICAL CEILING



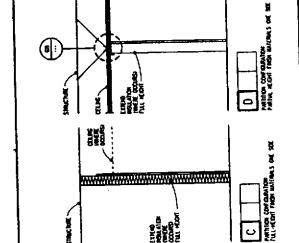
E9 JOINT BETWEEN FIRE-RATED FRAMED PARTITIONS & STRUCTURE ABOVE



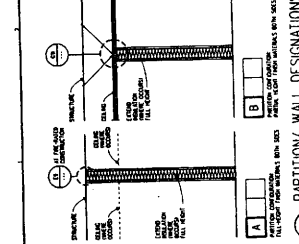
E7 PARTITION - CHAIN LINK



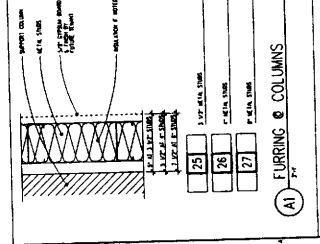
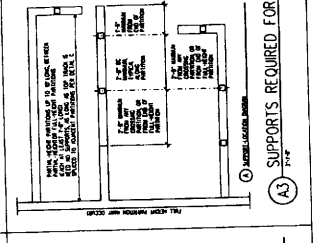
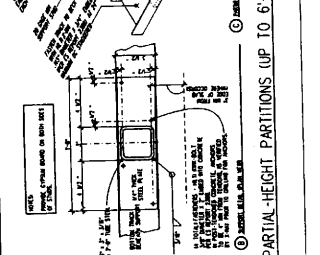
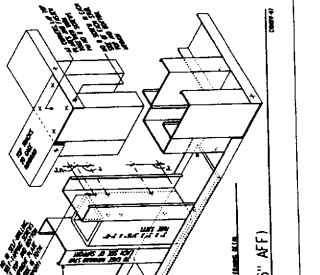
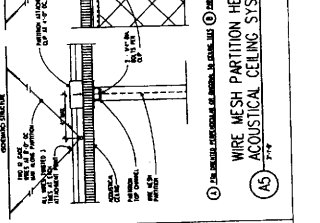
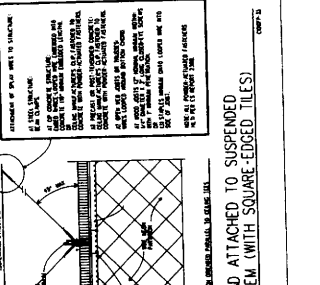
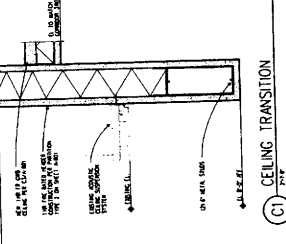
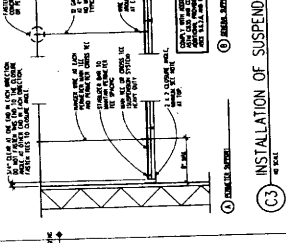
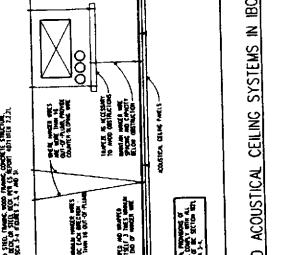
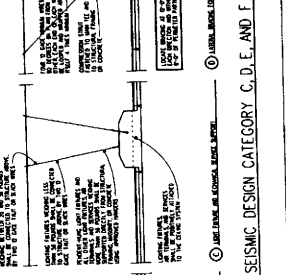
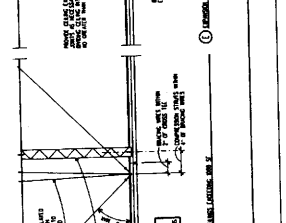
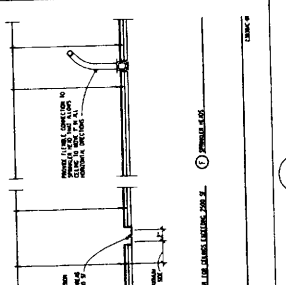
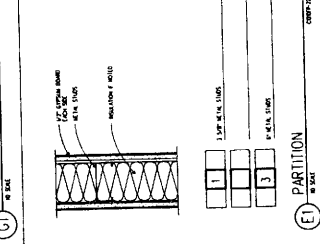
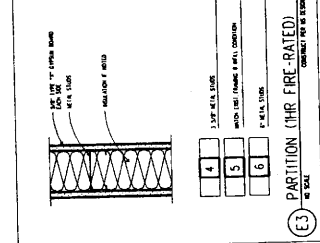
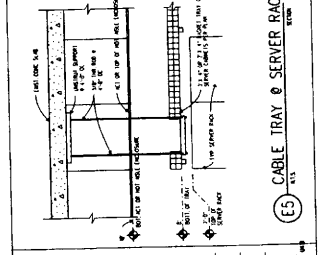
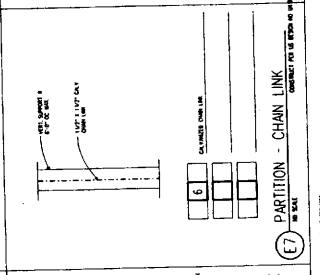
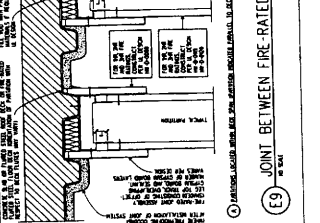
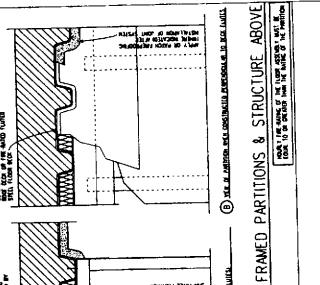
E5 CABLE TRAY & SERVER RACK



E3 PARTITION (FIRE-RATED)



E1 PARTITION



INSTALLATION OF SUSPENDED ACOUSTICAL CEILING SYSTEMS IN IBC SEISMIC DESIGN CATEGORY C, D, E, AND F

PHASE 02-01 TRENCH & RAMP SABBY DATA CENTER INTERIOR CASEWORK TUMWITZ, WA 98148 PROJECT # 202101-01



OWNER: SABBAY DATA CENTER
 12281 AVENUE INTERNATIONAL BLVD.
 FORTUNE, WA 98148-8123
 206.226.8200
 206.226.8201
 WWW.SABBY.COM

CALLISON
 1200 17TH AVENUE, SUITE 200
 BELLEVUE, WASHINGTON 98007-2343
 206.226.4400
 206.226.4401
 WWW.CALLISON.COM

SABBY DATA CENTER
 INTERIOR CASETTE IMPROVEMENT
 3355 S. 120TH PLACE
 TUKWILA, WA 98168
 PROJECT # 20711-01

REVISION	DATE	DESCRIPTION
1	11/11/10	ISSUED
2	11/11/10	REVISION SET
3	11/11/10	REVISION SET
4	11/11/10	REVISION SET
5	11/11/10	REVISION SET
6	11/11/10	REVISION SET
7	11/11/10	REVISION SET
8	11/11/10	REVISION SET
9	11/11/10	REVISION SET
10	11/11/10	REVISION SET

PARTITION TYPES
 AND DETAILS

<p>G1 POST AT WALL</p>	<p>G2 CEILING ANGLE</p>	<p>G3 WALL CONNECTION</p>	<p>E1 PANEL STIFFENER</p>	<p>E2 CAPPING TUBE CONNECTION</p>	<p>E3 POST SLAB & BASE</p>
<p>E11 PANEL-PANEL CONNECTION</p>	<p>A7 METAL PARTITION AT SERVER CABINET</p>	<p>A9 METAL PARTITION AT CORNER</p>	<p>C1 TUBE POST CLARIFICATION</p>	<p>C2 SLIDE LOCK JAMB</p>	<p>C3 BATTERY CONTAINMENT SYSTEM</p>
<p>A1 TRAFFIC DOOR ELEVATION</p>	<p>A3 TRAFFIC DOOR JAMB</p>	<p>A5 METAL PARTITION BASE (HEAD SIM.)</p>	<p>A7 METAL PARTITION AT CORNER</p>	<p>A9 METAL PARTITION AT SERVER CABINET</p>	<p>C11 BATTERY CONTAINMENT SYSTEM</p>



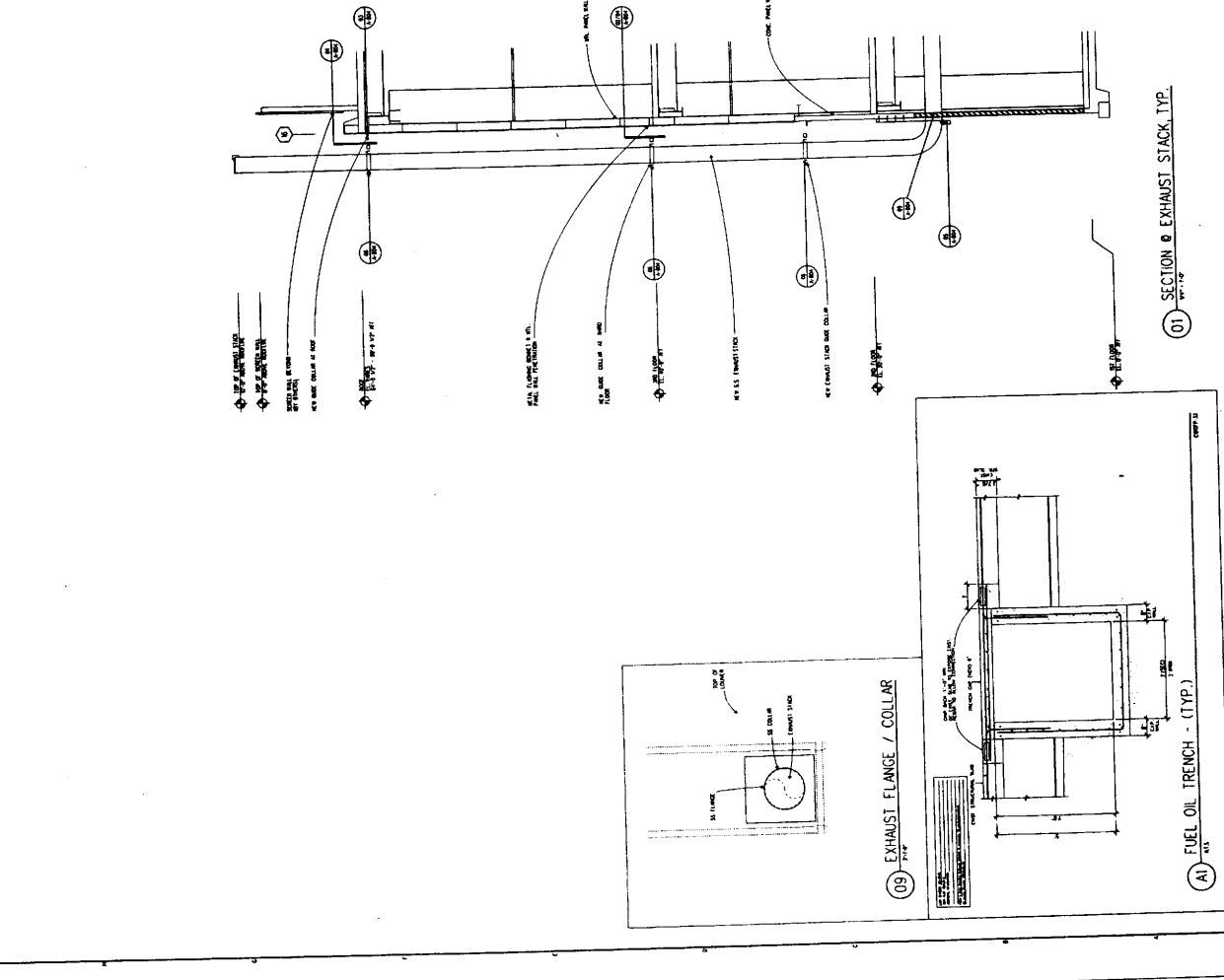
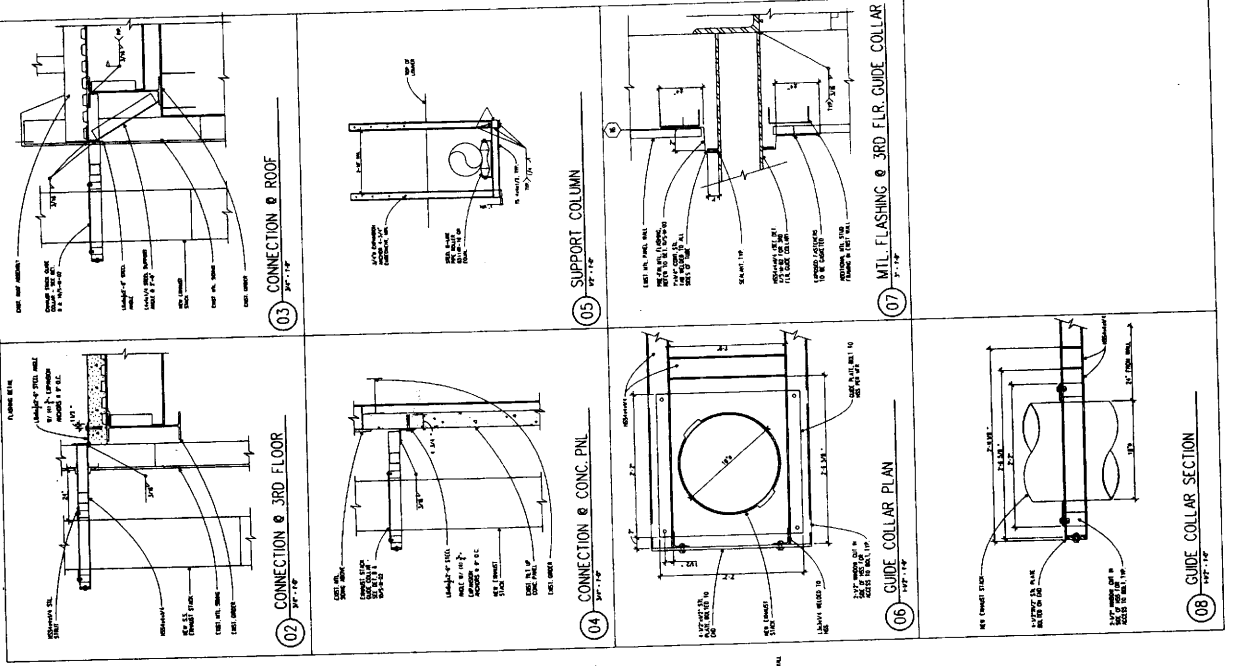
OWNER: GOVERNMENT
 1201 J. WILKINSON AVENUE, SUITE 100
 KENNESAW, WA 98148-1121
 PHONE: 206.432.8200
 FAX: 206.432.8881
 WWW.SABEX.COM

CALLISON
 800 WEST AVENUE #2000
 TUMWIL, WA 98168
 PHONE: 206.835.4500
 FAX: 206.835.4505
 WWW.CALLISON.COM

SABRY DATA CENTER
PHASE 23-01 TOWER IMPROVEMENT
 3355 S. 120TH PLACE
 TUMWIL, WA 98168
 PROJECT # 20211.01

DESIGNED BY	DATE
CHECKED BY	
APPROVED BY	
ISSUED BY	
ISSUE NO.	

GENERATOR
 DETAILS
A-803

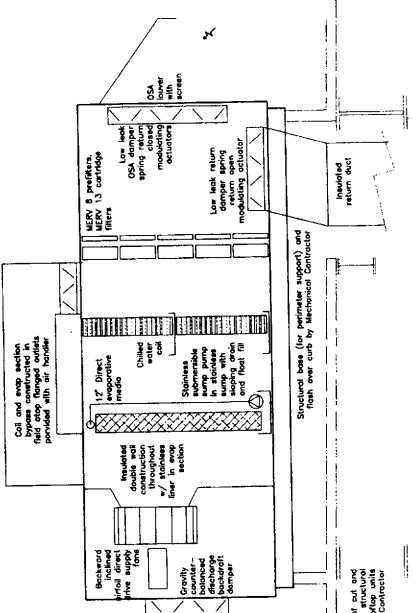


ALL DIMENSIONS IN INCHES UNLESS OTHERWISE NOTED.
 DIMENSIONS FOR THE 1/2" DIA. PIPE SHALL BE TO THE CENTERLINE UNLESS OTHERWISE NOTED.



3000 1st Avenue
 Seattle, WA 98101
 Phone: 206.461.1111
 Fax: 206.461.1112
 Email: sales@mcKinstry.com
 www.mckinstry.com

**KING COUNTY
 DATA CENTER
 AT SABEY CORP
 TUK 5 BUILDING
 SBC 5201
 3355 S. 120th Place
 Tukwila, WA 98168**



7. ROOFTOP AIR HANDLER DETAIL
 08/19/04

OPERATIONAL DESCRIPTION:
 The HVAC system consists of a series of air handling units (AHUs) that provide conditioned air to the data center. The AHUs are located on the roof of the building and are connected to the data center by a network of ductwork. The AHUs are controlled by a central control system that monitors the temperature and humidity of the air in the data center and adjusts the AHU settings accordingly.

CRITICAL ELEMENTS REQUIRED BY DESIGN APPROACH FOR EACH PHASE:
 The HVAC system consists of a series of air handling units (AHUs) that provide conditioned air to the data center. The AHUs are located on the roof of the building and are connected to the data center by a network of ductwork. The AHUs are controlled by a central control system that monitors the temperature and humidity of the air in the data center and adjusts the AHU settings accordingly.

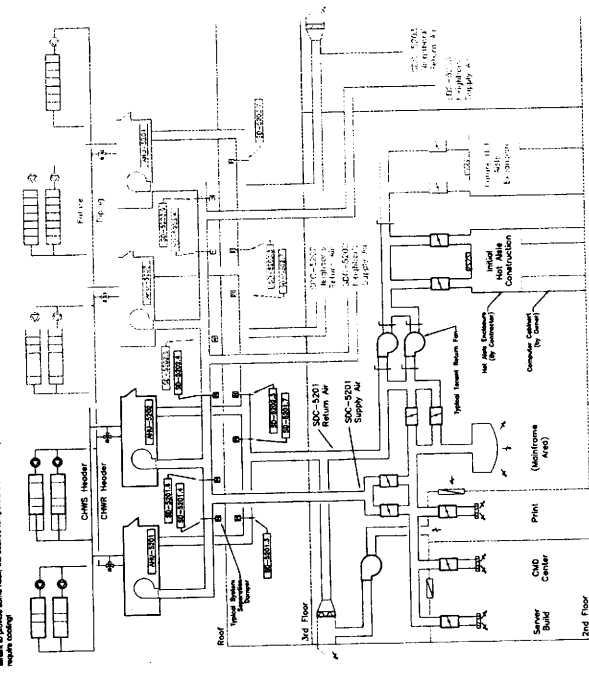
PERFORMANCE LABELS FROM MANUFACTURER:
 The AHUs are rated for a maximum capacity of 100,000 cfm. The AHUs are rated for a maximum temperature of 55°F and a maximum humidity of 65%. The AHUs are rated for a maximum pressure drop of 1.0 in. wg.

INSTALLATION LABELS FROM MANUFACTURER:
 The AHUs are installed on the roof of the building. The AHUs are supported by a structural base. The AHUs are connected to the data center by a network of ductwork.

Check of Equipment Models vs. Critical Mass & Performance in Building Level Controls:
 The HVAC system consists of a series of air handling units (AHUs) that provide conditioned air to the data center. The AHUs are located on the roof of the building and are connected to the data center by a network of ductwork. The AHUs are controlled by a central control system that monitors the temperature and humidity of the air in the data center and adjusts the AHU settings accordingly.

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 The HVAC system consists of a series of air handling units (AHUs) that provide conditioned air to the data center. The AHUs are located on the roof of the building and are connected to the data center by a network of ductwork. The AHUs are controlled by a central control system that monitors the temperature and humidity of the air in the data center and adjusts the AHU settings accordingly.

OPERATIONAL DESCRIPTION:
 The HVAC system consists of a series of air handling units (AHUs) that provide conditioned air to the data center. The AHUs are located on the roof of the building and are connected to the data center by a network of ductwork. The AHUs are controlled by a central control system that monitors the temperature and humidity of the air in the data center and adjusts the AHU settings accordingly.



1. HVAC SYSTEM SCHEMATIC DIAGRAM
 08/19/04

NO.	DATE	DESCRIPTION
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ENGINEERING
 PROJECT NO. 111111
 SHEET NO. 111111
 DATE: 08/19/04
 FILE: 111111

OWNER: KING COUNTY
 PROJECT: DATA CENTER AT SABEY CORP
 SHEET TITLE: HVAC SYSTEM SCHEMATIC DIAGRAM
 SHEET NUMBER: M0.1



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**KING COUNTY
DATA CENTER
AT SAGEBY CORP
TUK 5 BUILDING
SBC 5201
3365 S. 120th Place
Tukwila, WA 98188**

SEISMIC BASIS OF DESIGN:

SEISMIC BASIS OF DESIGN:
SEISMIC BASIS OF DESIGN:
SEISMIC BASIS OF DESIGN:
SEISMIC BASIS OF DESIGN:

**HVAC/SHEETMETAL/EQUIPMENT
SHL DESIGN VALUES:**

Component Description	Seismic Design Category (SDC)		Response Modification Factor (R)		Importance Factor (I)		Seismic Design Force (Fp)	
	SDC	R	I	Fp	SDC	R	I	Fp
General Mechanical Equipment - Medium to Heavy Duty	A	2	1.0	1.5	1.0	2	1.0	1.5
General Mechanical Equipment - Light to Medium Duty	A	2	1.0	1.5	1.0	2	1.0	1.5
Sheet Metal Ductwork	A	2	1.0	1.5	1.0	2	1.0	1.5

Component Description	Seismic Design Category (SDC)		Response Modification Factor (R)		Importance Factor (I)		Seismic Design Force (Fp)	
	SDC	R	I	Fp	SDC	R	I	Fp
General Mechanical Equipment - Medium to Heavy Duty	A	2	1.0	1.5	1.0	2	1.0	1.5
General Mechanical Equipment - Light to Medium Duty	A	2	1.0	1.5	1.0	2	1.0	1.5
Sheet Metal Ductwork	A	2	1.0	1.5	1.0	2	1.0	1.5

**PIPING AND PLUMBING
SHL DESIGN VALUES:**

Component Description	Seismic Design Category (SDC)		Response Modification Factor (R)		Importance Factor (I)		Seismic Design Force (Fp)	
	SDC	R	I	Fp	SDC	R	I	Fp
Low to Medium Pressure Piping	A	2	1.0	1.5	1.0	2	1.0	1.5
High Pressure Piping	A	2	1.0	1.5	1.0	2	1.0	1.5

Component Description	Seismic Design Category (SDC)		Response Modification Factor (R)		Importance Factor (I)		Seismic Design Force (Fp)	
	SDC	R	I	Fp	SDC	R	I	Fp
Low to Medium Pressure Piping	A	2	1.0	1.5	1.0	2	1.0	1.5
High Pressure Piping	A	2	1.0	1.5	1.0	2	1.0	1.5

MECHANICAL, PIPING, AND PLUMBING IMPORTANCE FACTOR TABLE

Component Description	Seismic Design Category (SDC)	Response Modification Factor (R)	Importance Factor (I)
General Mechanical Equipment - Medium to Heavy Duty	A	2	1.0
General Mechanical Equipment - Light to Medium Duty	A	2	1.0
Sheet Metal Ductwork	A	2	1.0
Piping and Plumbing	A	2	1.0

SEISMIC RESTRAINTS MAY BE EXCLUDED WHEN I_p = 1.0:

- Mechanical and electrical components in seismic design categories S, E, and F, with I_p = 1.0 and R = 2, shall be anchored to the structure in accordance with ASCE 7-10, Section 6.5.8.3, and ASCE 7-10, Section 6.5.8.4.
- Sheet metal ductwork shall be anchored to the structure in accordance with ASCE 7-10, Section 6.5.8.5.
- Piping and plumbing shall be anchored to the structure in accordance with ASCE 7-10, Section 6.5.8.6.
- General mechanical equipment shall be anchored to the structure in accordance with ASCE 7-10, Section 6.5.8.7.
- High pressure piping shall be anchored to the structure in accordance with ASCE 7-10, Section 6.5.8.8.
- Low to medium pressure piping shall be anchored to the structure in accordance with ASCE 7-10, Section 6.5.8.9.

SEISMIC RESTRAINTS MAY BE EXCLUDED WHEN I_p = 1.0 OR I_p = 1.5:

- Mechanical and electrical components in seismic design categories S, E, and F, with I_p = 1.5 and R = 2, shall be anchored to the structure in accordance with ASCE 7-10, Section 6.5.8.3, and ASCE 7-10, Section 6.5.8.4.
- Sheet metal ductwork shall be anchored to the structure in accordance with ASCE 7-10, Section 6.5.8.5.
- Piping and plumbing shall be anchored to the structure in accordance with ASCE 7-10, Section 6.5.8.6.
- General mechanical equipment shall be anchored to the structure in accordance with ASCE 7-10, Section 6.5.8.7.
- High pressure piping shall be anchored to the structure in accordance with ASCE 7-10, Section 6.5.8.8.
- Low to medium pressure piping shall be anchored to the structure in accordance with ASCE 7-10, Section 6.5.8.9.

Component Description	Seismic Design Category (SDC)	Response Modification Factor (R)	Importance Factor (I)
General Mechanical Equipment - Medium to Heavy Duty	A	2	1.0
General Mechanical Equipment - Light to Medium Duty	A	2	1.0
Sheet Metal Ductwork	A	2	1.0
Piping and Plumbing	A	2	1.0

Component Description	Seismic Design Category (SDC)		Response Modification Factor (R)		Importance Factor (I)		Seismic Design Force (Fp)	
	SDC	R	I	Fp	SDC	R	I	Fp
General Mechanical Equipment - Medium to Heavy Duty	A	2	1.0	1.5	1.0	2	1.0	1.5
General Mechanical Equipment - Light to Medium Duty	A	2	1.0	1.5	1.0	2	1.0	1.5
Sheet Metal Ductwork	A	2	1.0	1.5	1.0	2	1.0	1.5
Piping and Plumbing	A	2	1.0	1.5	1.0	2	1.0	1.5

SEISMIC ALLOWABLE STRESS DESIGN VALUES:

SEISMIC ALLOWABLE STRESS DESIGN VALUES:

SEISMIC ALLOWABLE STRESS DESIGN VALUES:

SEISMIC ALLOWABLE STRESS DESIGN VALUES:

**HVAC/SHEETMETAL/EQUIPMENT
SEISMIC 'g' LOAD:**

HVAC/SHEETMETAL/EQUIPMENT SEISMIC 'g' LOAD:

HVAC/SHEETMETAL/EQUIPMENT SEISMIC 'g' LOAD:

HVAC/SHEETMETAL/EQUIPMENT SEISMIC 'g' LOAD:

**PIPING AND PLUMBING
SEISMIC 'g' LOAD:**

PIPING AND PLUMBING SEISMIC 'g' LOAD:

PIPING AND PLUMBING SEISMIC 'g' LOAD:

PIPING AND PLUMBING SEISMIC 'g' LOAD:

SEISMIC ALLOWABLE STRESS DESIGN VALUES:

SEISMIC ALLOWABLE STRESS DESIGN VALUES:

SEISMIC ALLOWABLE STRESS DESIGN VALUES:

SEISMIC ALLOWABLE STRESS DESIGN VALUES:

**HVAC/SHEETMETAL/EQUIPMENT
SEISMIC 'g' LOAD:**

HVAC/SHEETMETAL/EQUIPMENT SEISMIC 'g' LOAD:

HVAC/SHEETMETAL/EQUIPMENT SEISMIC 'g' LOAD:

HVAC/SHEETMETAL/EQUIPMENT SEISMIC 'g' LOAD:

**PIPING AND PLUMBING
SEISMIC 'g' LOAD:**

PIPING AND PLUMBING SEISMIC 'g' LOAD:

PIPING AND PLUMBING SEISMIC 'g' LOAD:

PIPING AND PLUMBING SEISMIC 'g' LOAD:



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**KING COUNTY
DATA CENTER
AT SAGEBY CORP
TUK 5 BUILDING
SBC 5201
3365 S. 120th Place
Tukwila, WA 98188**

McKinstry
12001 1st Avenue SW
Burien, WA 98148
Phone: (206) 835-4333
Fax: (206) 835-4333
www.mckinstry.com

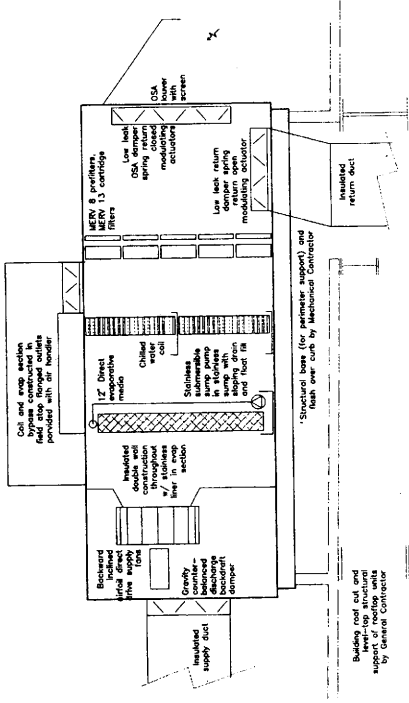
PROJECT NO.: 1717107
DATE: 11/20/17
ENGINEER: J. B. SMITH

SEISMIC INFORMATION
SHEET NUMBER: MO.2

McKinstry
12001 1st Avenue SW
Burien, WA 98148
Phone: (206) 835-4333
Fax: (206) 835-4333
www.mckinstry.com

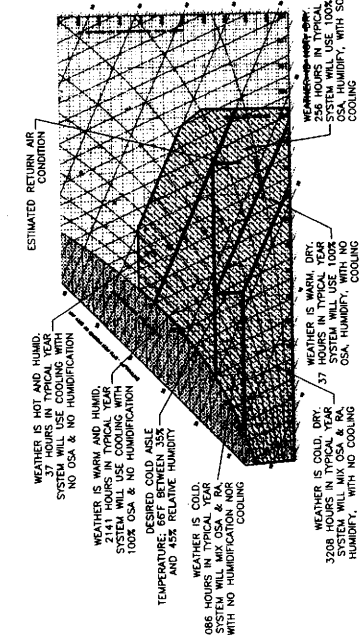


**KING COUNTY
DATA CENTER
AT SABEY CORP
TUK 5 BUILDING
SBC 5201**
3385 S. 20th Place
Tukwila, WA 98168

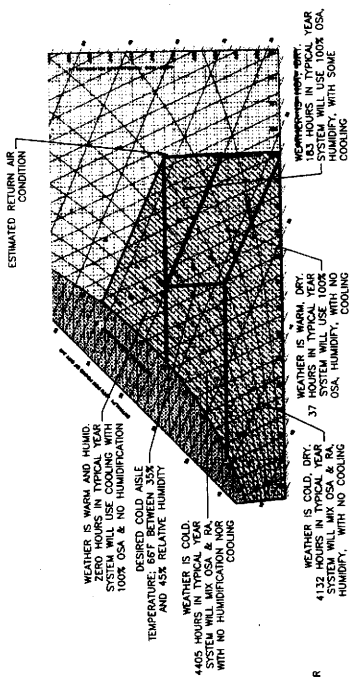


1. ROOFTOP AIR HANDLER DETAIL
1/8" = 1'-0"

OPERATIONAL DESCRIPTION:
This performance diagram shows the estimated use of economizer, humidifier and chilled water coil during various outdoor air conditions. The diagram is based on the use of a variable air volume (VAV) system. The diagram is based on the use of a variable air volume (VAV) system. The diagram is based on the use of a variable air volume (VAV) system.



2. OPERATION AT KING COUNTY CRITERIA CONDITIONS (OVER 4000 HOURS OF REFRIGERATION IN TYP. YEAR)
1/8" = 1'-0"



3. OPERATION AT ALTERNATE CONDITIONS (ONLY 183 HOURS OF REFRIGERATION IN TYP. YEAR)
1/8" = 1'-0"

CONTROL CRITERIA AND DESCRIPTION

1. CONTROL CRITERIA AND DESCRIPTION



3000 20th Avenue, S.E.
 Bellevue, WA 98008
 Phone: 206.469.1000
 Fax: 206.469.1001
 www.mckinstry.com

PROJECT:
 KING COUNTY
 DATA CENTER
 AT SABEY CORP
 TUK 5 BUILDING
 SBC 5201
 3355 S. 120th Place
 Tukwila, WA 98168

DESCRIPTION

NO.	DATE	DESCRIPTION
1	10/2/07	ISSUE FOR CONSTRUCTION
2	10/2/07	ISSUE FOR CONSTRUCTION
3	10/2/07	ISSUE FOR CONSTRUCTION
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18	10/2/07	ISSUE FOR CONSTRUCTION
19	10/2/07	ISSUE FOR CONSTRUCTION
20	10/2/07	ISSUE FOR CONSTRUCTION

DESIGNER:
 ENGINEERING
 DESIGNED BY: J. JACOBI
 DRAWN BY: J. JACOBI
 CHECKED BY: J. JACOBI
 DATE: 10/2/07
 SCALE: AS SHOWN

SHEET TITLE
 SITE PLAN - MECHANICAL

SHEET NUMBER

M1.0

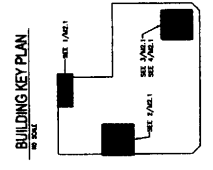
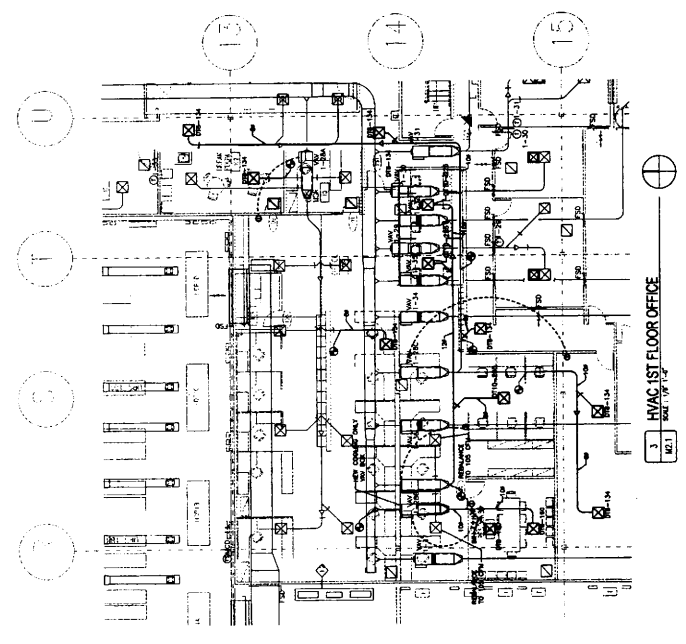
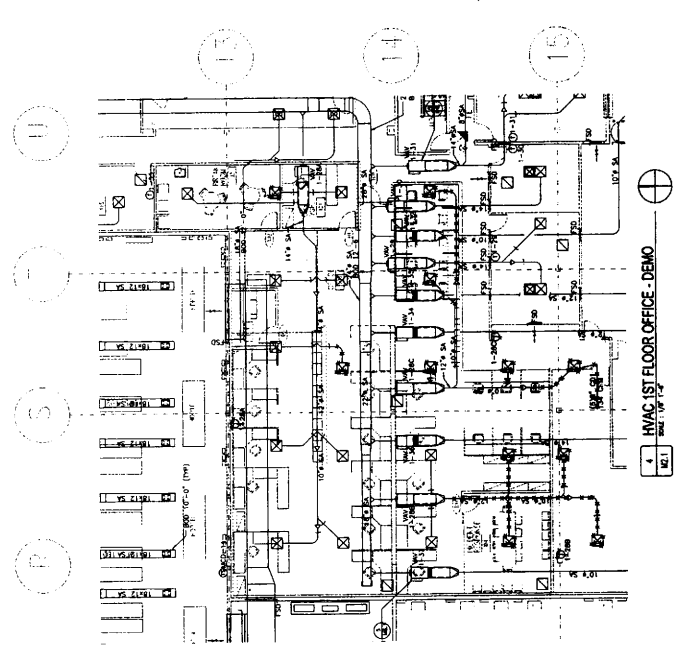
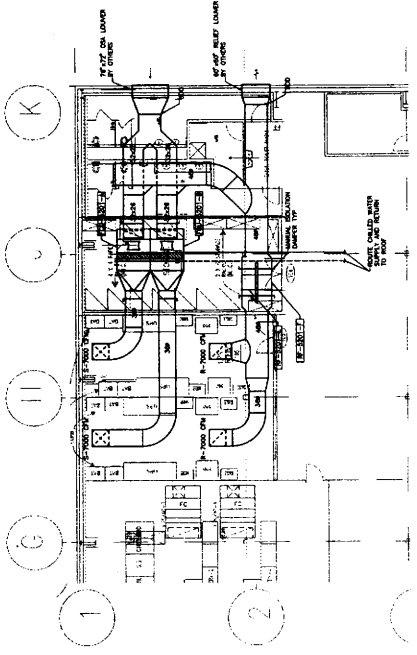
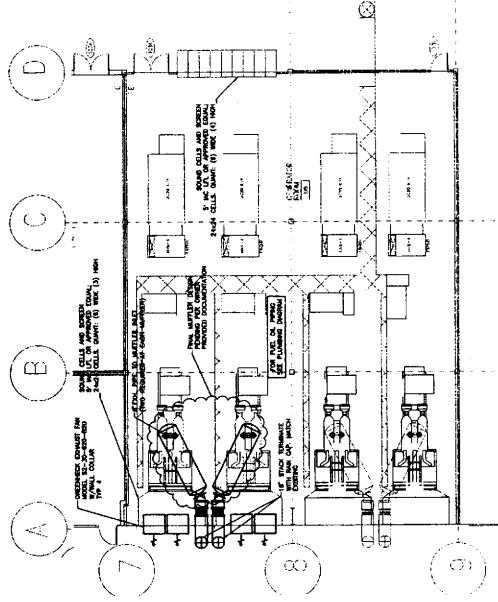


1 SITE PLAN - MECHANICAL
 M1.0



1000 WEST 10TH AVENUE
 SUITE 100
 DENVER, CO 80202
 PHONE: 303.733.1111
 FAX: 303.733.1112
 WWW.MCKINSTRY.COM

**KING COUNTY
 DATA CENTER
 AT SABEY CORP
 TUK S BUILDING
 SBC 5201**
 3355 S. 120th Place
 Tukwila, WA 98168



NO.	DATE	DESCRIPTION	BY	CHKD.
1	11/11/11	ISSUE FOR PERMIT	J. JONES	J. JONES
2	11/11/11	ISSUE FOR PERMIT	J. JONES	J. JONES
3	11/11/11	ISSUE FOR PERMIT	J. JONES	J. JONES

ENGINEERING
 ENGINEER: J. JONES
 PROJECT NO.: 10000000000000000000
 JOB NUMBER: 2011-0000
 DATE: 11/11/11
 SHEET NO.: 2 OF 2
 PROJECT: KING COUNTY DATA CENTER AT SABEY CORP TUK S BUILDING SBC 5201

SHEET TITLE:
 HVAC 1ST FLOOR PLAN

M2.1

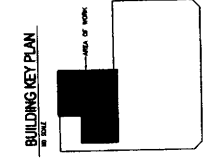
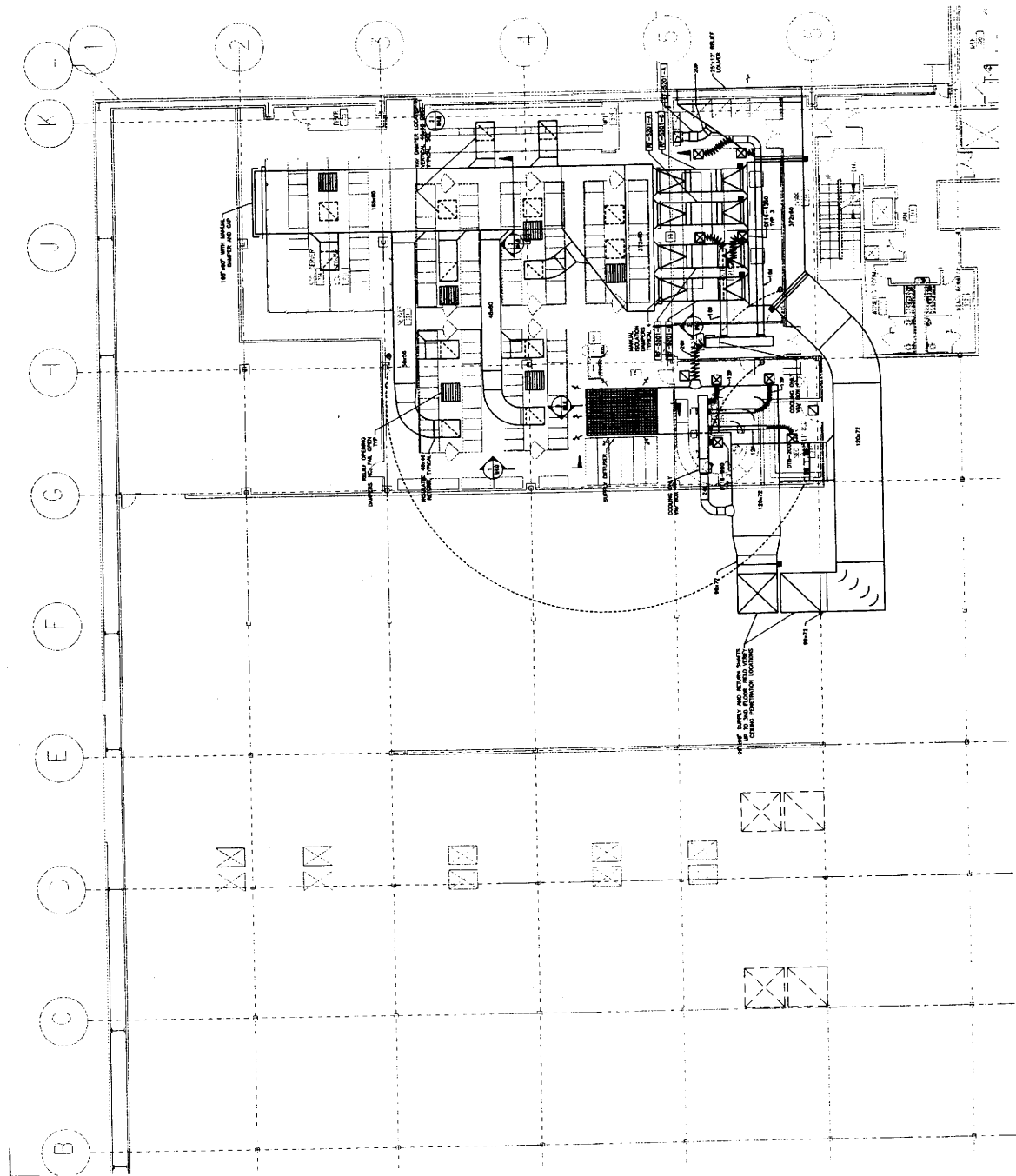


PROJECT:
KING COUNTY
DATA CENTER
AT SAREY CORP
TUK 5 BUILDING
SBC 5.201
 3355 S. 120th Place
 Tukwila, WA 98166

NO.	DATE	DESCRIPTION
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2	11/11/2009	ISSUE FOR PERMIT
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PROPERTY NUMBER:
ENGINEERING
 DESIGNED BY: J. WOOD
 CHECKED BY: J. WOOD
 DATE: 11/11/2009
 JOB NUMBER: 2009-001
 SHEET NO.: 22.2
 TOTAL SHEETS: 22

SHEET TITLE:
HVAC 2ND FLOOR PLAN
PROJECT NUMBER:
M2.2

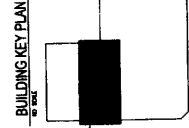
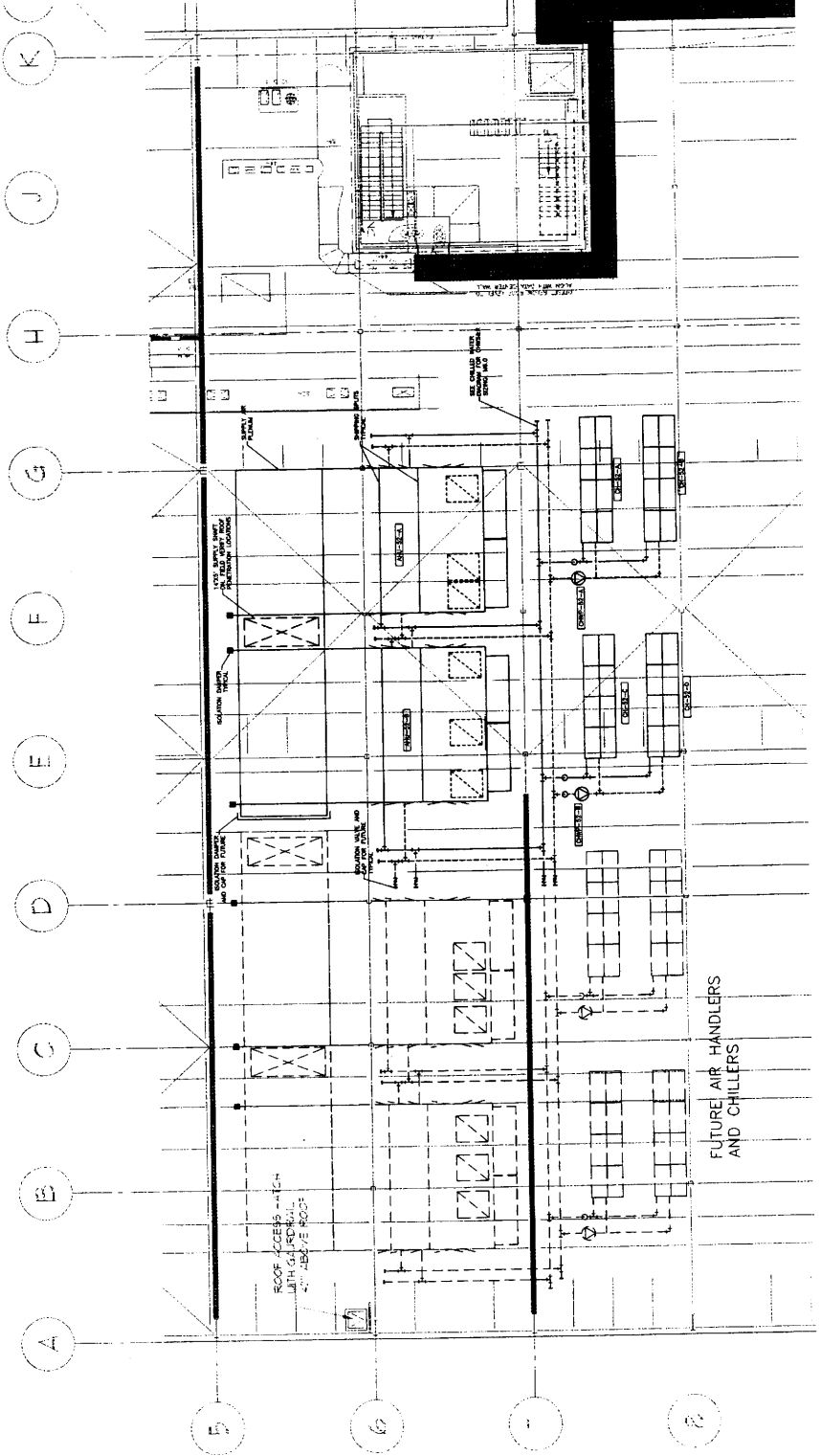


1. HVAC 2ND FLOOR PLAN
 22.2

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PROJECT
KING COUNTY
DATA CENTER
AT SAREY CORP
TUK 5 BUILDING
SBC 5201
3385 S. 120th Place
Tukwila, WA 98188



NO.	DATE	DESCRIPTION
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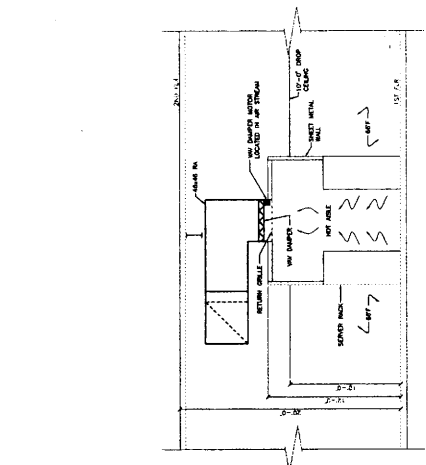
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SHEET NUMBER:
M2.4

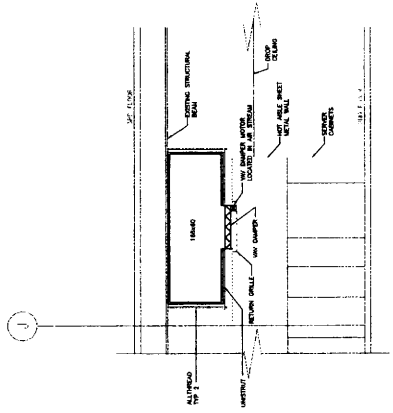


McKinstry
1881 S. 120th Place
Tukwila, WA 98148
206-835-2122

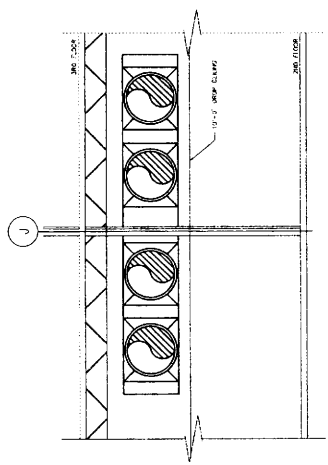
PROJECT
KING COUNTY
DATA CENTER
AT SABEY CORP
TUK 5 BUILDING
SBC 5201
355 S. 120th Place
Tukwila, WA 98148



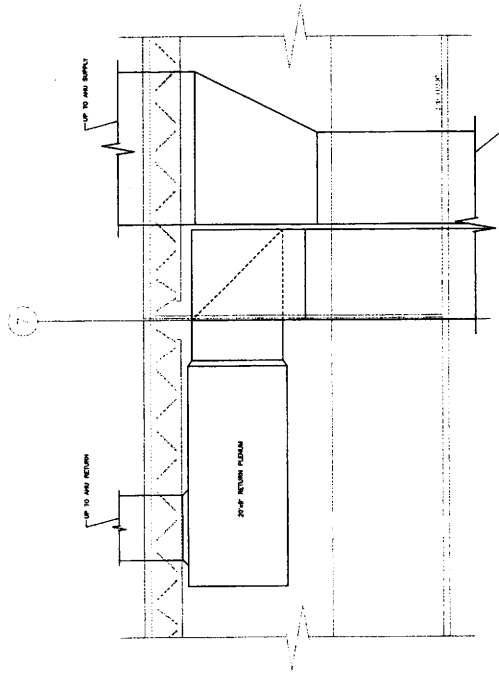
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SCALE: 1/4" = 1'-0"



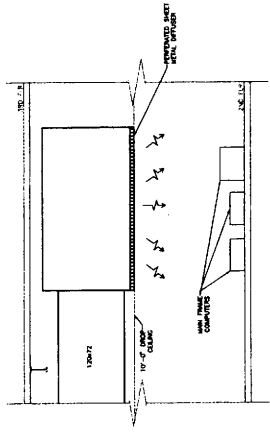
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SCALE: 1/4" = 1'-0"



3 HVAC SECTION - PRINTER ROOM
SCALE: 1/4" = 1'-0"



5 HVAC SECTION - THIRD FLOOR
SCALE: 1/4" = 1'-0"



4 HVAC SECTION - SERVER ROOM SUPPLY DIFFUSER
SCALE: 1/4" = 1'-0"

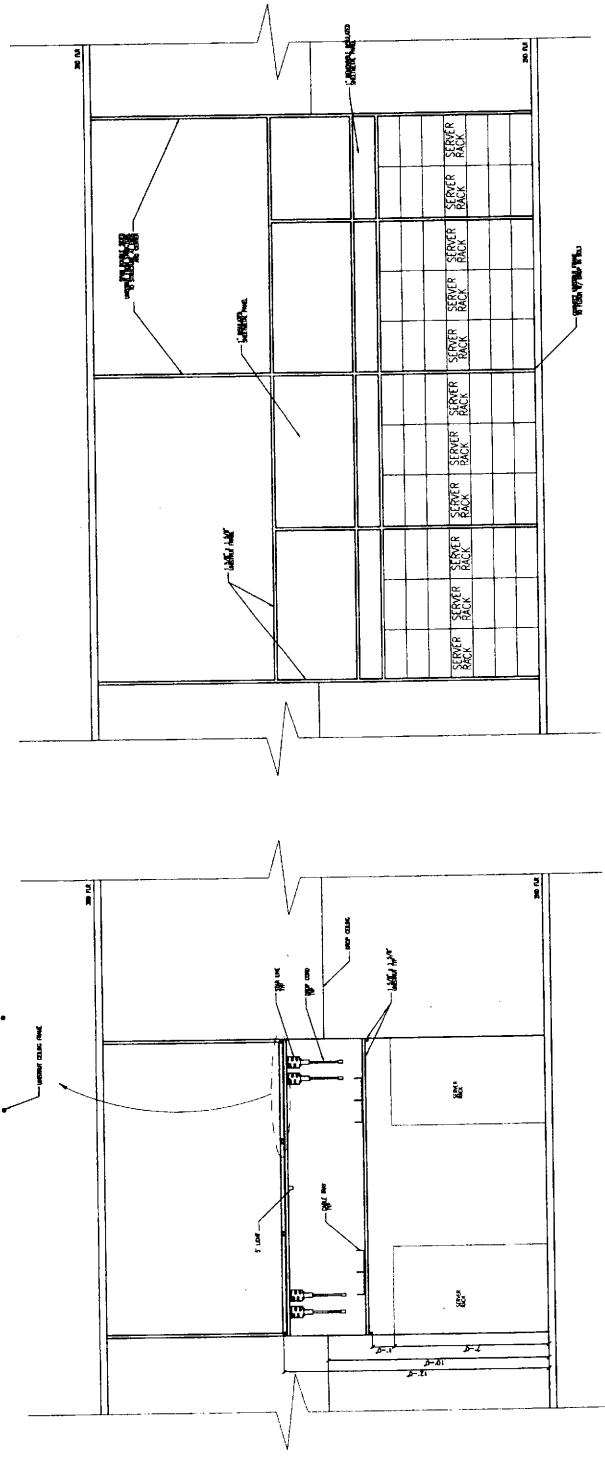
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86	04/19/11	ISSUE FOR PERMITS
87	05/03/11	ISSUE FOR PERMITS
88	05/17/11	ISSUE FOR PERMITS
89	05/31/11	ISSUE FOR PERMITS
90	06/14/11	ISSUE FOR PERMITS
91	06/28/11	ISSUE FOR PERMITS
92	07/12/11	ISSUE FOR PERMITS
93	07/26/11	ISSUE FOR PERMITS
94	08/09/11	ISSUE FOR PERMITS
95	08/23/11	ISSUE FOR PERMITS
96	09/06/11	ISSUE FOR PERMITS
97	09/20/11	ISSUE FOR PERMITS
98	10/04/11	ISSUE FOR PERMITS
99	10/18/11	ISSUE FOR PERMITS
100	11/01/11	ISSUE FOR PERMITS

REVISIONS



4000 10TH AVENUE, S.E.
 SUITE 100
 TUMWALE, WA 98146
 PHONE: 206.835.3000
 FAX: 206.835.3001
 WWW.MCKINSTRY.COM

OWNER
 KING COUNTY
 DATA CENTER
 AT SABEY CORP
 TUK 5 BUILDING
 SBC 5201
 3355 S. 120th Place
 TUMWALE, WA 98148



1. HOT AISLE ENCLOSURE - EXTERIOR
 1/8" = 1'-0"

2. HOT AISLE ENCLOSURE - INTERIOR
 1/8" = 1'-0"

NO.	DATE	DESCRIPTION
1	03/07/07	ISSUE FOR CONSTRUCTION
2	03/07/07	ISSUE FOR CONSTRUCTION
3	03/07/07	ISSUE FOR CONSTRUCTION
4	03/07/07	ISSUE FOR CONSTRUCTION
5	03/07/07	ISSUE FOR CONSTRUCTION
6	03/07/07	ISSUE FOR CONSTRUCTION
7	03/07/07	ISSUE FOR CONSTRUCTION
8	03/07/07	ISSUE FOR CONSTRUCTION
9	03/07/07	ISSUE FOR CONSTRUCTION
10	03/07/07	ISSUE FOR CONSTRUCTION

ENGINEERING
 DESIGNED BY: L. MARRAS
 DRAWN BY: J. JACKSON
 CHECKED BY: M. CHEN
 PROJECT NO.: 07-001-01
 DATE: 03-07-07
 SCALE: AS SHOWN

DETAILS - MECHANICAL

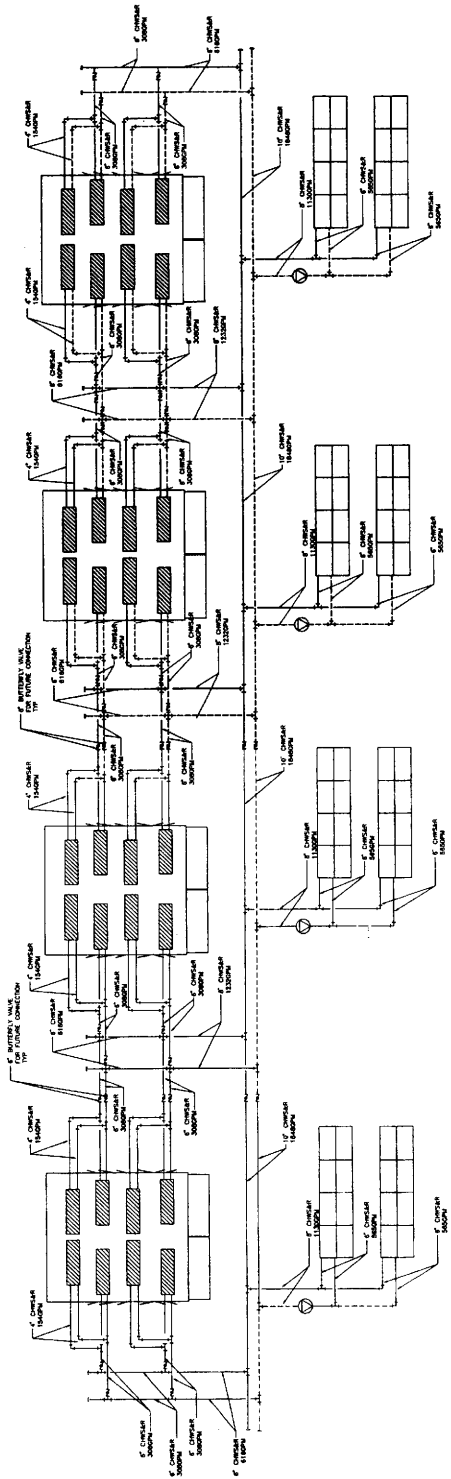
SHEET NUMBER

M5.0

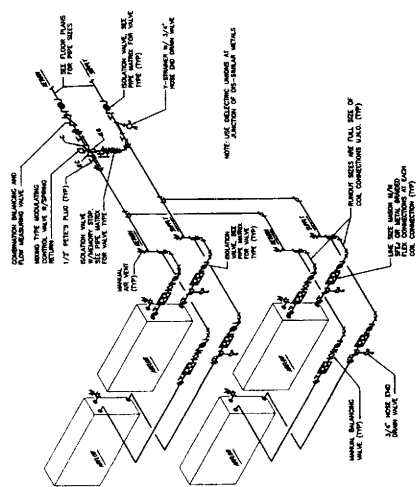


1841 W. 10th Ave.
 Suite 100
 Tulsa, Oklahoma 74103
 Phone: 918.581.1234
 Fax: 918.581.1235
 www.mckinstry.com

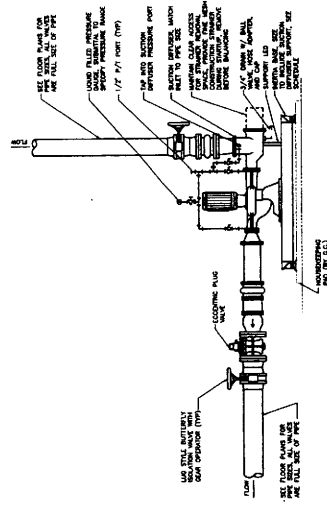
PROJECT:
KING COUNTY
DATA CENTER
AT SABEY CORP
TUK 5 BUILDING
SBC 5201
 3355 S. 120th Place
 Tukwila, WA 98188



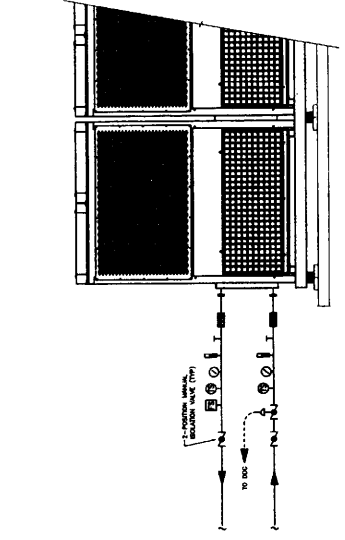
1 CHILLED WATER WATER DIAGRAM
SCALE: 1/8" = 1'-0"



2 AIR/CHW COIL PIPING DETAIL
SCALE: 1/2" = 1'-0"



3 CHW PUMP PIPING DETAIL
SCALE: 1/8" = 1'-0"



4 CHILLER PIPING-HOOK-UP DETAIL
SCALE: 1/8" = 1'-0"

NO.	DATE	DESCRIPTION
001	02/17/07	ISSUE FOR PERMITTING AND BIDDING
002	02/27/07	ISSUE FOR PERMITTING AND BIDDING
003	03/27/07	ISSUE FOR PERMITTING AND BIDDING
004	04/27/07	ISSUE FOR PERMITTING AND BIDDING
005	05/27/07	ISSUE FOR PERMITTING AND BIDDING
006	06/27/07	ISSUE FOR PERMITTING AND BIDDING
007	07/27/07	ISSUE FOR PERMITTING AND BIDDING
008	08/27/07	ISSUE FOR PERMITTING AND BIDDING
009	09/27/07	ISSUE FOR PERMITTING AND BIDDING
010	10/27/07	ISSUE FOR PERMITTING AND BIDDING
011	11/27/07	ISSUE FOR PERMITTING AND BIDDING
012	12/27/07	ISSUE FOR PERMITTING AND BIDDING
013	01/27/08	ISSUE FOR PERMITTING AND BIDDING
014	02/27/08	ISSUE FOR PERMITTING AND BIDDING
015	03/27/08	ISSUE FOR PERMITTING AND BIDDING
016	04/27/08	ISSUE FOR PERMITTING AND BIDDING
017	05/27/08	ISSUE FOR PERMITTING AND BIDDING
018	06/27/08	ISSUE FOR PERMITTING AND BIDDING
019	07/27/08	ISSUE FOR PERMITTING AND BIDDING
020	08/27/08	ISSUE FOR PERMITTING AND BIDDING
021	09/27/08	ISSUE FOR PERMITTING AND BIDDING
022	10/27/08	ISSUE FOR PERMITTING AND BIDDING
023	11/27/08	ISSUE FOR PERMITTING AND BIDDING
024	12/27/08	ISSUE FOR PERMITTING AND BIDDING
025	01/27/09	ISSUE FOR PERMITTING AND BIDDING
026	02/27/09	ISSUE FOR PERMITTING AND BIDDING
027	03/27/09	ISSUE FOR PERMITTING AND BIDDING
028	04/27/09	ISSUE FOR PERMITTING AND BIDDING
029	05/27/09	ISSUE FOR PERMITTING AND BIDDING
030	06/27/09	ISSUE FOR PERMITTING AND BIDDING
031	07/27/09	ISSUE FOR PERMITTING AND BIDDING
032	08/27/09	ISSUE FOR PERMITTING AND BIDDING
033	09/27/09	ISSUE FOR PERMITTING AND BIDDING
034	10/27/09	ISSUE FOR PERMITTING AND BIDDING
035	11/27/09	ISSUE FOR PERMITTING AND BIDDING
036	12/27/09	ISSUE FOR PERMITTING AND BIDDING
037	01/27/10	ISSUE FOR PERMITTING AND BIDDING
038	02/27/10	ISSUE FOR PERMITTING AND BIDDING
039	03/27/10	ISSUE FOR PERMITTING AND BIDDING
040	04/27/10	ISSUE FOR PERMITTING AND BIDDING
041	05/27/10	ISSUE FOR PERMITTING AND BIDDING
042	06/27/10	ISSUE FOR PERMITTING AND BIDDING
043	07/27/10	ISSUE FOR PERMITTING AND BIDDING
044	08/27/10	ISSUE FOR PERMITTING AND BIDDING
045	09/27/10	ISSUE FOR PERMITTING AND BIDDING
046	10/27/10	ISSUE FOR PERMITTING AND BIDDING
047	11/27/10	ISSUE FOR PERMITTING AND BIDDING
048	12/27/10	ISSUE FOR PERMITTING AND BIDDING
049	01/27/11	ISSUE FOR PERMITTING AND BIDDING
050	02/27/11	ISSUE FOR PERMITTING AND BIDDING
051	03/27/11	ISSUE FOR PERMITTING AND BIDDING
052	04/27/11	ISSUE FOR PERMITTING AND BIDDING
053	05/27/11	ISSUE FOR PERMITTING AND BIDDING
054	06/27/11	ISSUE FOR PERMITTING AND BIDDING
055	07/27/11	ISSUE FOR PERMITTING AND BIDDING
056	08/27/11	ISSUE FOR PERMITTING AND BIDDING
057	09/27/11	ISSUE FOR PERMITTING AND BIDDING
058	10/27/11	ISSUE FOR PERMITTING AND BIDDING
059	11/27/11	ISSUE FOR PERMITTING AND BIDDING
060	12/27/11	ISSUE FOR PERMITTING AND BIDDING
061	01/27/12	ISSUE FOR PERMITTING AND BIDDING
062	02/27/12	ISSUE FOR PERMITTING AND BIDDING
063	03/27/12	ISSUE FOR PERMITTING AND BIDDING
064	04/27/12	ISSUE FOR PERMITTING AND BIDDING
065	05/27/12	ISSUE FOR PERMITTING AND BIDDING
066	06/27/12	ISSUE FOR PERMITTING AND BIDDING
067	07/27/12	ISSUE FOR PERMITTING AND BIDDING
068	08/27/12	ISSUE FOR PERMITTING AND BIDDING
069	09/27/12	ISSUE FOR PERMITTING AND BIDDING
070	10/27/12	ISSUE FOR PERMITTING AND BIDDING
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072	12/27/12	ISSUE FOR PERMITTING AND BIDDING
073	01/27/13	ISSUE FOR PERMITTING AND BIDDING
074	02/27/13	ISSUE FOR PERMITTING AND BIDDING
075	03/27/13	ISSUE FOR PERMITTING AND BIDDING
076	04/27/13	ISSUE FOR PERMITTING AND BIDDING
077	05/27/13	ISSUE FOR PERMITTING AND BIDDING
078	06/27/13	ISSUE FOR PERMITTING AND BIDDING
079	07/27/13	ISSUE FOR PERMITTING AND BIDDING
080	08/27/13	ISSUE FOR PERMITTING AND BIDDING
081	09/27/13	ISSUE FOR PERMITTING AND BIDDING
082	10/27/13	ISSUE FOR PERMITTING AND BIDDING
083	11/27/13	ISSUE FOR PERMITTING AND BIDDING
084	12/27/13	ISSUE FOR PERMITTING AND BIDDING
085	01/27/14	ISSUE FOR PERMITTING AND BIDDING
086	02/27/14	ISSUE FOR PERMITTING AND BIDDING
087	03/27/14	ISSUE FOR PERMITTING AND BIDDING
088	04/27/14	ISSUE FOR PERMITTING AND BIDDING
089	05/27/14	ISSUE FOR PERMITTING AND BIDDING
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091	07/27/14	ISSUE FOR PERMITTING AND BIDDING
092	08/27/14	ISSUE FOR PERMITTING AND BIDDING
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094	10/27/14	ISSUE FOR PERMITTING AND BIDDING
095	11/27/14	ISSUE FOR PERMITTING AND BIDDING
096	12/27/14	ISSUE FOR PERMITTING AND BIDDING
097	01/27/15	ISSUE FOR PERMITTING AND BIDDING
098	02/27/15	ISSUE FOR PERMITTING AND BIDDING
099	03/27/15	ISSUE FOR PERMITTING AND BIDDING
100	04/27/15	ISSUE FOR PERMITTING AND BIDDING

SHEET TITLE:
CHILLED WATER
DIAGRAM
AND DETAILS
 SHEET NUMBER:

M6.0



**KING COUNTY
DATA CENTER
AT SAREY CORP
TUK 5 BUILDING
SBC 5201**
3355 S. 120th Place
Tukwila, WA 98188

ROOFTOP CHW PUMP SCHEDULE

ITEM	DESCRIPTION	QUANTITY	UNIT	PRICE
1	CHW PUMP	1	EA	1000
2	CHW PUMP MOTOR	1	EA	1500
3	CHW PUMP ELECTRICAL	1	EA	500
4	CHW PUMP PIPING	1	EA	200
5	CHW PUMP CONTROLS	1	EA	300
6	CHW PUMP LABOR	1	EA	100
7	CHW PUMP MATERIALS	1	EA	50
8	CHW PUMP TESTING	1	EA	100
9	CHW PUMP INSULATION	1	EA	50
10	CHW PUMP PAINT	1	EA	50

HORIZONTAL FAN COIL UNIT SCHEDULE

ITEM	DESCRIPTION	QUANTITY	UNIT	PRICE
1	FAN COIL UNIT	1	EA	1000
2	FAN COIL MOTOR	1	EA	1500
3	FAN COIL ELECTRICAL	1	EA	500
4	FAN COIL PIPING	1	EA	200
5	FAN COIL CONTROLS	1	EA	300
6	FAN COIL LABOR	1	EA	100
7	FAN COIL MATERIALS	1	EA	50
8	FAN COIL TESTING	1	EA	100
9	FAN COIL INSULATION	1	EA	50
10	FAN COIL PAINT	1	EA	50

MODULAR AIR COOLED SCROLL CHILLER SCHEDULE

ITEM	DESCRIPTION	QUANTITY	UNIT	PRICE
1	SCROLL CHILLER	1	EA	10000
2	SCROLL CHILLER MOTOR	1	EA	1500
3	SCROLL CHILLER ELECTRICAL	1	EA	500
4	SCROLL CHILLER PIPING	1	EA	200
5	SCROLL CHILLER CONTROLS	1	EA	300
6	SCROLL CHILLER LABOR	1	EA	100
7	SCROLL CHILLER MATERIALS	1	EA	50
8	SCROLL CHILLER TESTING	1	EA	100
9	SCROLL CHILLER INSULATION	1	EA	50
10	SCROLL CHILLER PAINT	1	EA	50

ROOFTOP AIR HANDLER SCHEDULE

ITEM	DESCRIPTION	QUANTITY	UNIT	PRICE
1	AIR HANDLER	1	EA	10000
2	AIR HANDLER MOTOR	1	EA	1500
3	AIR HANDLER ELECTRICAL	1	EA	500
4	AIR HANDLER PIPING	1	EA	200
5	AIR HANDLER CONTROLS	1	EA	300
6	AIR HANDLER LABOR	1	EA	100
7	AIR HANDLER MATERIALS	1	EA	50
8	AIR HANDLER TESTING	1	EA	100
9	AIR HANDLER INSULATION	1	EA	50
10	AIR HANDLER PAINT	1	EA	50

ROOFTOP AIR COOLED SCROLL CHILLER SCHEDULE

ITEM	DESCRIPTION	QUANTITY	UNIT	PRICE
1	SCROLL CHILLER	1	EA	10000
2	SCROLL CHILLER MOTOR	1	EA	1500
3	SCROLL CHILLER ELECTRICAL	1	EA	500
4	SCROLL CHILLER PIPING	1	EA	200
5	SCROLL CHILLER CONTROLS	1	EA	300
6	SCROLL CHILLER LABOR	1	EA	100
7	SCROLL CHILLER MATERIALS	1	EA	50
8	SCROLL CHILLER TESTING	1	EA	100
9	SCROLL CHILLER INSULATION	1	EA	50
10	SCROLL CHILLER PAINT	1	EA	50

ROOFTOP AIR HANDLER SCHEDULE

ITEM	DESCRIPTION	QUANTITY	UNIT	PRICE
1	AIR HANDLER	1	EA	10000
2	AIR HANDLER MOTOR	1	EA	1500
3	AIR HANDLER ELECTRICAL	1	EA	500
4	AIR HANDLER PIPING	1	EA	200
5	AIR HANDLER CONTROLS	1	EA	300
6	AIR HANDLER LABOR	1	EA	100
7	AIR HANDLER MATERIALS	1	EA	50
8	AIR HANDLER TESTING	1	EA	100
9	AIR HANDLER INSULATION	1	EA	50
10	AIR HANDLER PAINT	1	EA	50

TECHNICAL SPECIFICATIONS

ITEM	DESCRIPTION	QUANTITY	UNIT	PRICE
1	TECHNICAL SPECIFICATIONS	1	EA	1000
2	TECHNICAL SPECIFICATIONS	1	EA	1500
3	TECHNICAL SPECIFICATIONS	1	EA	500
4	TECHNICAL SPECIFICATIONS	1	EA	200
5	TECHNICAL SPECIFICATIONS	1	EA	300
6	TECHNICAL SPECIFICATIONS	1	EA	100
7	TECHNICAL SPECIFICATIONS	1	EA	50
8	TECHNICAL SPECIFICATIONS	1	EA	100
9	TECHNICAL SPECIFICATIONS	1	EA	50
10	TECHNICAL SPECIFICATIONS	1	EA	50

TECHNICAL SPECIFICATIONS

ITEM	DESCRIPTION	QUANTITY	UNIT	PRICE
1	TECHNICAL SPECIFICATIONS	1	EA	1000
2	TECHNICAL SPECIFICATIONS	1	EA	1500
3	TECHNICAL SPECIFICATIONS	1	EA	500
4	TECHNICAL SPECIFICATIONS	1	EA	200
5	TECHNICAL SPECIFICATIONS	1	EA	300
6	TECHNICAL SPECIFICATIONS	1	EA	100
7	TECHNICAL SPECIFICATIONS	1	EA	50
8	TECHNICAL SPECIFICATIONS	1	EA	100
9	TECHNICAL SPECIFICATIONS	1	EA	50
10	TECHNICAL SPECIFICATIONS	1	EA	50

MECHANICAL SCHEDULE

ITEM	DESCRIPTION	QUANTITY	UNIT	PRICE
1	MECHANICAL SCHEDULE	1	EA	1000
2	MECHANICAL SCHEDULE	1	EA	1500
3	MECHANICAL SCHEDULE	1	EA	500
4	MECHANICAL SCHEDULE	1	EA	200
5	MECHANICAL SCHEDULE	1	EA	300
6	MECHANICAL SCHEDULE	1	EA	100
7	MECHANICAL SCHEDULE	1	EA	50
8	MECHANICAL SCHEDULE	1	EA	100
9	MECHANICAL SCHEDULE	1	EA	50
10	MECHANICAL SCHEDULE	1	EA	50

MECHANICAL SCHEDULE

ITEM	DESCRIPTION	QUANTITY	UNIT	PRICE
1	MECHANICAL SCHEDULE	1	EA	1000
2	MECHANICAL SCHEDULE	1	EA	1500
3	MECHANICAL SCHEDULE	1	EA	500
4	MECHANICAL SCHEDULE	1	EA	200
5	MECHANICAL SCHEDULE	1	EA	300
6	MECHANICAL SCHEDULE	1	EA	100
7	MECHANICAL SCHEDULE	1	EA	50
8	MECHANICAL SCHEDULE	1	EA	100
9	MECHANICAL SCHEDULE	1	EA	50
10	MECHANICAL SCHEDULE	1	EA	50

MECHANICAL SCHEDULE

ITEM	DESCRIPTION	QUANTITY	UNIT	PRICE
1	MECHANICAL SCHEDULE	1	EA	1000
2	MECHANICAL SCHEDULE	1	EA	1500
3	MECHANICAL SCHEDULE	1	EA	500
4	MECHANICAL SCHEDULE	1	EA	200
5	MECHANICAL SCHEDULE	1	EA	300
6	MECHANICAL SCHEDULE	1	EA	100
7	MECHANICAL SCHEDULE	1	EA	50
8	MECHANICAL SCHEDULE	1	EA	100
9	MECHANICAL SCHEDULE	1	EA	50
10	MECHANICAL SCHEDULE	1	EA	50

ENGINEERING
DESIGNED BY: J. J. JONES
CHECKED BY: J. J. JONES
DATE: 12/15/11
SCALE: 1/8"=1'-0"

M7.0

MECHANICAL SCHEDULE

SABEY ARCHITECTURE

CHECKLIST

MECA

175 West 20th Street
 Suite 1000
 New York, NY 10011
 Tel: (212) 512-0100
 Fax: (212) 512-0101
 www.meca.com

REVISIONS

NO.	DESCRIPTION	DATE

SABEY DATA CENTER
 10011 BUILD OUT

MECA
 MECHANICAL

DATE

PROJECT NO.

SCALE

DESIGNER

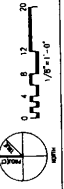
CHECKED BY

DATE

DRAWING NO.

ONE LINE POWER
 PHASE 2

E5.4



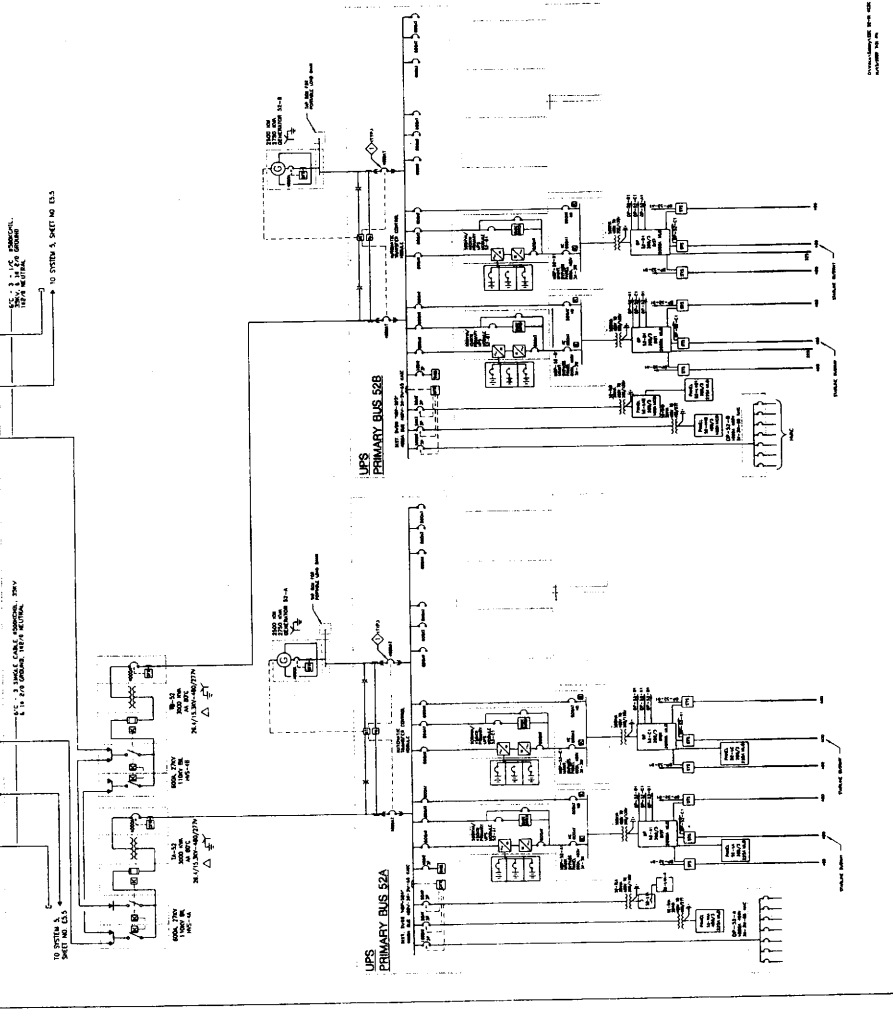
FEEDER SCHEDULE	
SYM	FEEDER SIZE - CONDUIT & WIRE SIZE - GROUND
(4A)	1/2" TC - 3 #12 & 1/2" G
(4B)	3/4" TC - 3 #10 & 1/2" G
(4C)	1" TC - 3 #8 & 1/2" G
(4D)	1 1/2" TC - 3 #6 & 1/2" G
(4E)	2" TC - 3 #4 & 1/2" G
(4F)	2 1/2" TC - 3 #4 & 1/2" G
(4G)	3" TC - 3 #4 & 1/2" G
(4H)	3 1/2" TC - 3 #4 & 1/2" G
(4I)	4" TC - 3 #4 & 1/2" G
(4J)	4 1/2" TC - 3 #4 & 1/2" G
(4K)	5" TC - 3 #4 & 1/2" G
(4L)	5 1/2" TC - 3 #4 & 1/2" G
(4M)	6" TC - 3 #4 & 1/2" G
(4N)	6 1/2" TC - 3 #4 & 1/2" G
(4O)	7" TC - 3 #4 & 1/2" G
(4P)	7 1/2" TC - 3 #4 & 1/2" G
(4Q)	8" TC - 3 #4 & 1/2" G
(4R)	8 1/2" TC - 3 #4 & 1/2" G
(4S)	9" TC - 3 #4 & 1/2" G
(4T)	9 1/2" TC - 3 #4 & 1/2" G
(4U)	10" TC - 3 #4 & 1/2" G
(4V)	10 1/2" TC - 3 #4 & 1/2" G
(4W)	11" TC - 3 #4 & 1/2" G
(4X)	11 1/2" TC - 3 #4 & 1/2" G
(4Y)	12" TC - 3 #4 & 1/2" G
(4Z)	12 1/2" TC - 3 #4 & 1/2" G
(5A)	1/2" TC - 3 #12 & 1/2" G
(5B)	3/4" TC - 3 #10 & 1/2" G
(5C)	1" TC - 3 #8 & 1/2" G
(5D)	1 1/2" TC - 3 #6 & 1/2" G
(5E)	2" TC - 3 #4 & 1/2" G
(5F)	2 1/2" TC - 3 #4 & 1/2" G
(5G)	3" TC - 3 #4 & 1/2" G
(5H)	3 1/2" TC - 3 #4 & 1/2" G
(5I)	4" TC - 3 #4 & 1/2" G
(5J)	4 1/2" TC - 3 #4 & 1/2" G
(5K)	5" TC - 3 #4 & 1/2" G
(5L)	5 1/2" TC - 3 #4 & 1/2" G
(5M)	6" TC - 3 #4 & 1/2" G
(5N)	6 1/2" TC - 3 #4 & 1/2" G
(5O)	7" TC - 3 #4 & 1/2" G
(5P)	7 1/2" TC - 3 #4 & 1/2" G
(5Q)	8" TC - 3 #4 & 1/2" G
(5R)	8 1/2" TC - 3 #4 & 1/2" G
(5S)	9" TC - 3 #4 & 1/2" G
(5T)	9 1/2" TC - 3 #4 & 1/2" G
(5U)	10" TC - 3 #4 & 1/2" G
(5V)	10 1/2" TC - 3 #4 & 1/2" G
(5W)	11" TC - 3 #4 & 1/2" G
(5X)	11 1/2" TC - 3 #4 & 1/2" G
(5Y)	12" TC - 3 #4 & 1/2" G
(5Z)	12 1/2" TC - 3 #4 & 1/2" G

FEEDER SCHEDULE	
SYM	FEEDER SIZE - CONDUIT & WIRE SIZE - GROUND
(6A)	1/2" TC - 3 #12 & 1/2" G
(6B)	3/4" TC - 3 #10 & 1/2" G
(6C)	1" TC - 3 #8 & 1/2" G
(6D)	1 1/2" TC - 3 #6 & 1/2" G
(6E)	2" TC - 3 #4 & 1/2" G
(6F)	2 1/2" TC - 3 #4 & 1/2" G
(6G)	3" TC - 3 #4 & 1/2" G
(6H)	3 1/2" TC - 3 #4 & 1/2" G
(6I)	4" TC - 3 #4 & 1/2" G
(6J)	4 1/2" TC - 3 #4 & 1/2" G
(6K)	5" TC - 3 #4 & 1/2" G
(6L)	5 1/2" TC - 3 #4 & 1/2" G
(6M)	6" TC - 3 #4 & 1/2" G
(6N)	6 1/2" TC - 3 #4 & 1/2" G
(6O)	7" TC - 3 #4 & 1/2" G
(6P)	7 1/2" TC - 3 #4 & 1/2" G
(6Q)	8" TC - 3 #4 & 1/2" G
(6R)	8 1/2" TC - 3 #4 & 1/2" G
(6S)	9" TC - 3 #4 & 1/2" G
(6T)	9 1/2" TC - 3 #4 & 1/2" G
(6U)	10" TC - 3 #4 & 1/2" G
(6V)	10 1/2" TC - 3 #4 & 1/2" G
(6W)	11" TC - 3 #4 & 1/2" G
(6X)	11 1/2" TC - 3 #4 & 1/2" G
(6Y)	12" TC - 3 #4 & 1/2" G
(6Z)	12 1/2" TC - 3 #4 & 1/2" G

NOTE

NOTES

1. ALL CIRCUITS SHOWN ARE SUBJECT TO BE USED FOR...
 2. ALL CIRCUITS SHOWN ARE SUBJECT TO BE USED FOR...
 3. ALL CIRCUITS SHOWN ARE SUBJECT TO BE USED FOR...



DATE PLOTTED: 08/24/2010 10:10:30 AM

SABEY
ARCHITECTURE

NO.	REVISION	DATE

DATE: 07/20/12

MECA

GENERAL CONTRACTOR
MECA CONTRACTING
2014 W. 11th Street
Spartanburg, SC 29306
P: (803) 733-2200
www.meca.com

NO.	REVISION	DATE

DATE: 07/20/12
PROJECT: 12-111
SHEET: 12-111-08
OWNER: MARY DATA CENTER
1201 E. THIRD ST.
SPARTANBURG, SC 29306

MECA CONTRACTING

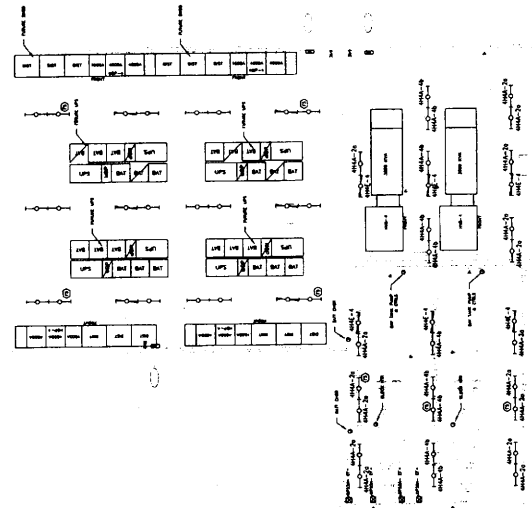
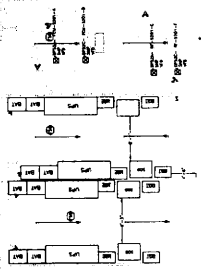
TRIPPOLE

NO.	REVISION	DATE

DATE: 07/20/12
PROJECT: 12-111
SHEET: 12-111-08
OWNER: MARY DATA CENTER
1201 E. THIRD ST.
SPARTANBURG, SC 29306

TRIPPOLE CONTRACTING

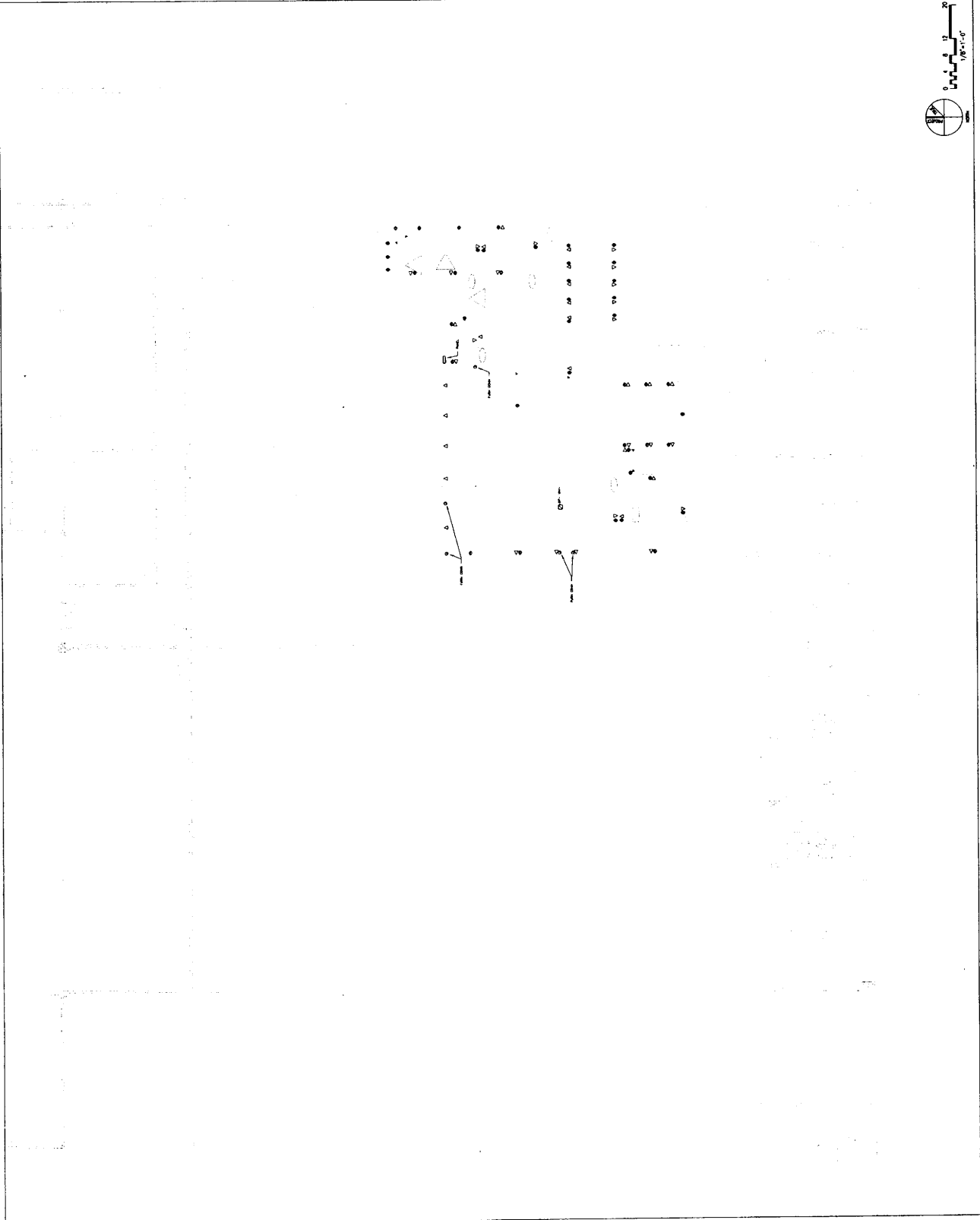
E2.15
MARY DATA CENTER
LIGHTING & POWER
PHASE 1



12-111-08
1/8"=1'-0"
N
E2.15



1/8" = 1'-0"





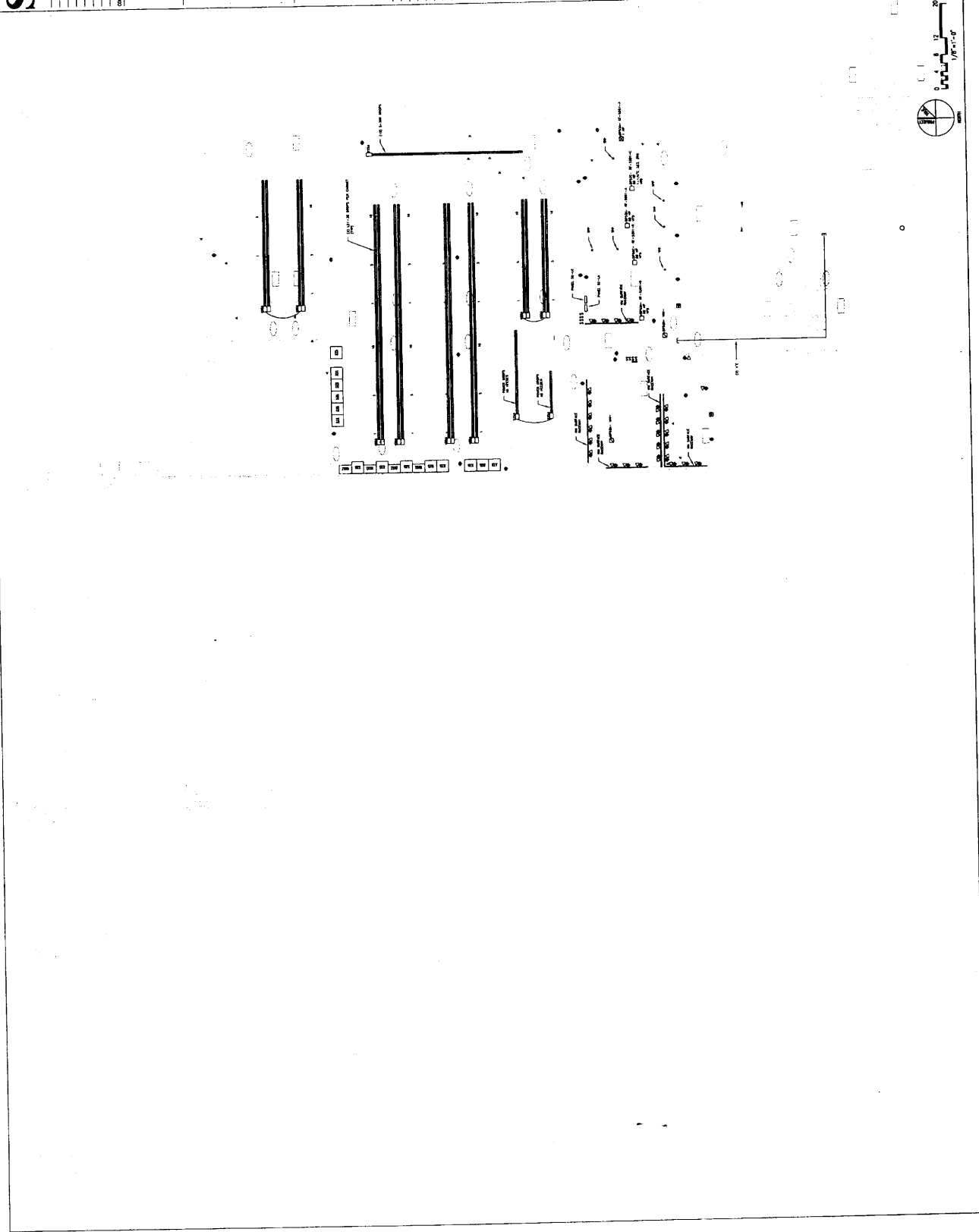
MECA
MECA SYSTEMS
6641 7th Ave SW
PHOENIX, AZ 85042
PH: 602-261-0000
www.meca.com

PARTIAL 3RD FLOOR LIGHTING
PHASE 1

MECA

PARTIAL 3RD FLOOR LIGHTING
PHASE 1

E2.25





10000 N. 10th Street
 Tukwila, WA 98168
 (206) 835-1100
 www.mckinstry.com

PROJECT:
 KING COUNTY
 DATA CENTER
 AT SAGEY CORP
 TUK 5 BUILDING
 SBC 5201
 3365 S. 120th Place
 Tukwila, WA 98168

PROJECT NO.
 DRAWING NO.

NO.	DATE	DESCRIPTION
1	11/11/2011	ISSUED FOR PERMIT
2	11/11/2011	ISSUED FOR PERMIT
3	11/11/2011	ISSUED FOR PERMIT
4	11/11/2011	ISSUED FOR PERMIT
5	11/11/2011	ISSUED FOR PERMIT
6	11/11/2011	ISSUED FOR PERMIT
7	11/11/2011	ISSUED FOR PERMIT
8	11/11/2011	ISSUED FOR PERMIT
9	11/11/2011	ISSUED FOR PERMIT
10	11/11/2011	ISSUED FOR PERMIT
11	11/11/2011	ISSUED FOR PERMIT
12	11/11/2011	ISSUED FOR PERMIT
13	11/11/2011	ISSUED FOR PERMIT
14	11/11/2011	ISSUED FOR PERMIT
15	11/11/2011	ISSUED FOR PERMIT
16	11/11/2011	ISSUED FOR PERMIT
17	11/11/2011	ISSUED FOR PERMIT
18	11/11/2011	ISSUED FOR PERMIT
19	11/11/2011	ISSUED FOR PERMIT
20	11/11/2011	ISSUED FOR PERMIT

ENGINEERING
 DESIGNED BY: J. DAI
 DRAWN BY: J. JACKSON
 CHECKED BY: J. JACKSON
 DATE: 11/11/2011
 SCALE: AS SHOWN

SHEET TITLE:
 SITE PLAN - PLUMBING

1 SITE PLAN - PLUMBING
 P1.0 SCALE: 1" = 30'-0"



SHEET NUMBER:
P1.0



McKinstry
 DIVISION OF THE BURNS & MCDERMOTT CORPORATION
 12501 W. ALYSSA DRIVE
 SUITE 300
 DENVER, CO 80231
 PHONE 303.752.0000
 FAX 303.752.0001
 WWW.MCKINSTRY.COM

PROJECT: **KING COUNTY DATA CENTER AT SABEY CORP TUK 5 BUILDING SBC 5201**
 3365 S. TAMM DRIVE
 TUKWILA, WA 98148

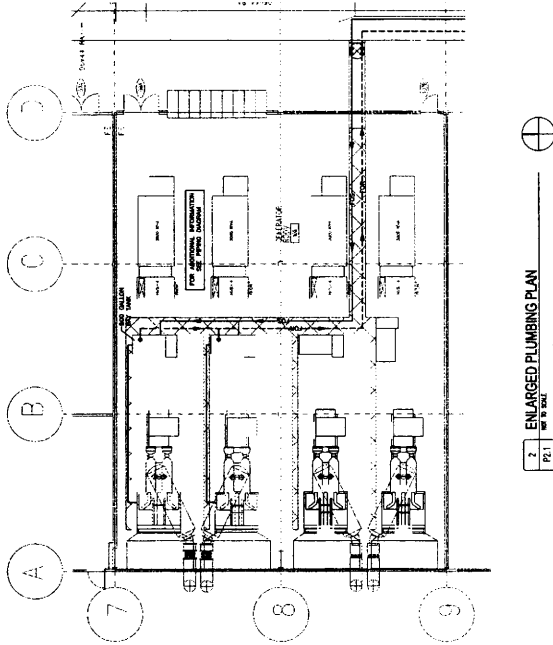
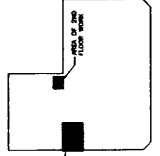
REGISTRATION

NO.	DATE	DESCRIPTION
1	11/13/07	ISSUE FOR PERMITS
2	11/13/07	ISSUE FOR DEVELOPMENT

ENGINEERING

ENGINEER: J. B. BILB
 CHECKED BY: J. B. BILB
 DATE: 07/15/08
 JOB NUMBER: 2007-3778
 SHEET NO.: 2-1
 SHEET NAME: PLUMBING 1ST AND 2ND FLOOR PLAN

BUILDING KEY PLAN

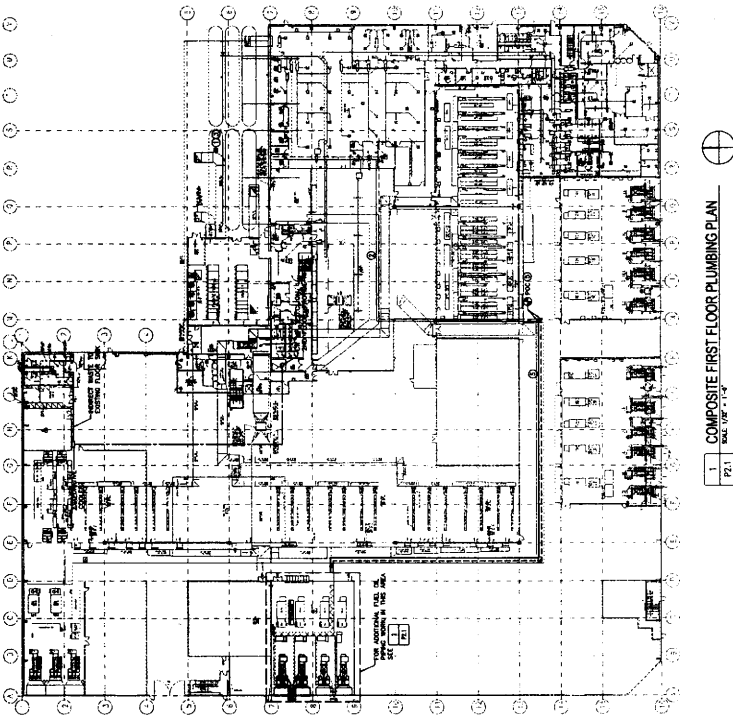


PLAN NOTES:

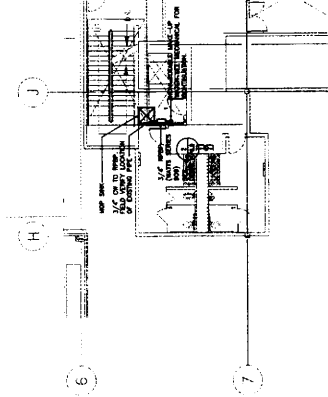
1. SEE GENERAL NOTES TO CONTRACT DRAWINGS.
2. PROVIDE 1/2\"
3. PROVIDE 1/2\"
4. PROVIDE 1/2\"
5. PROVIDE 1/2\"
6. PROVIDE 1/2\"
7. PROVIDE 1/2\"
8. PROVIDE 1/2\"

PLUMBING NARRATIVE

PROVIDE 1/2\"



1 COMPOSITE FIRST FLOOR PLUMBING PLAN
SCALE: 1/8\"



3 PARTIAL SECOND FLOOR PLUMBING PLAN
SCALE: 1/8\"

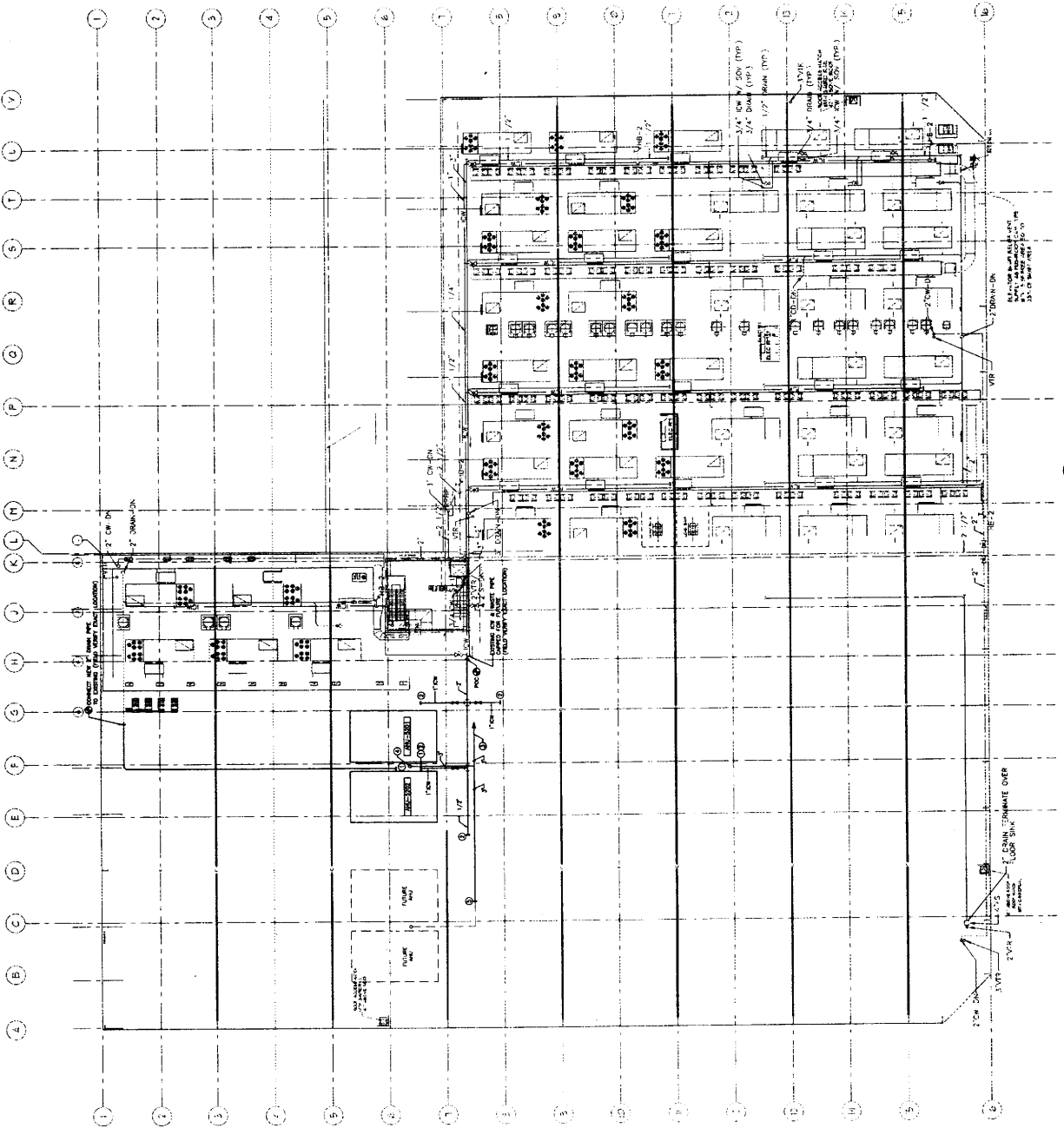


1800 W. 10TH AVENUE
 SUITE 200
 DENVER, CO 80202
 TEL: 303.733.1111
 FAX: 303.733.1112
 WWW.MCKINSTRY.COM

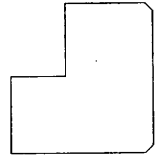
PROJECT:
 KING COUNTY
 DATA CENTER
 AT SABEY CORP
 TUK 5 BUILDING
 SBC 9201
 3355 S. 20th Place
 Tukwila, WA 98168

PLAN NOTES:
 1. EXISTING AND PROPOSED ROOFING SHALL BE AS SHOWN ON THIS PLAN.
 2. EXISTING ROOFING SHALL BE DEMOLISHED AND REPEATED AS SHOWN ON THIS PLAN.
 3. PROVIDE WELDED AND CORRODED CONNECTIONS FOR FLASHING.
 4. CORRELATE THIS PLAN WITH ALL OTHER PLANS.
 5. VERIFY ALL DIMENSIONS AND LOCATIONS.
 6. VERIFY ALL MATERIALS AND METHODS.
 7. VERIFY ALL PERMITS AND REGULATIONS.

GENERAL NOTES:
 1. THIS PLAN IS SUBJECT TO ALL OTHER PLANS.



BUILDING KEY PLAN:
 10' SCALE



1 - PLUMBING ROOF PLAN
 P2.4

P2.4

PLUMBING ROOF PLAN
 SHEET TITLE

ENGINEERING
 ENGINEER: J. D. ...
 CHECKED BY: ...
 DATE: ...

NO.	DATE	DESCRIPTION
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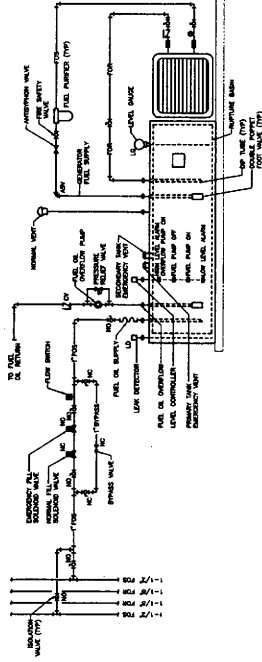
REVISIONS:

2/27/2007 - Building Plumbing Design/Check/Revise (10/11/2007) 11:53 AM 10/11/2007

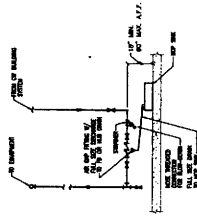


1901 W. 10th Avenue
 Suite 200
 Aurora, CO 80012
 Phone: 303.733.8800
 Fax: 303.733.8801
 www.mckinstry.com

PROJECT:
**KING COUNTY
 DATA CENTER
 AT SAREY CORP
 TUK 5 BUILDING
 SBC 5201**
 3355 S. 200th Place
 Tukwila, WA 98168



1 DAY TANK PIPING DIAGRAM
 1/8" = 1'-0" (1/8" = 1'-0")
 SEE SHEET P6.0



2 REDUCED PRESSURE BACKFLOW
 ON DOMESTIC COLD WATER DETAIL
 1/8" = 1'-0" (1/8" = 1'-0")
 SEE SHEET P6.0

NO.	DATE	DESCRIPTION
1	10/20/07	ISSUE FOR PERMITTING
2	11/13/07	ISSUE FOR PERMITTING
3	11/13/07	ISSUE FOR PERMITTING
4	11/13/07	ISSUE FOR PERMITTING
5	11/13/07	ISSUE FOR PERMITTING
6	11/13/07	ISSUE FOR PERMITTING
7	11/13/07	ISSUE FOR PERMITTING
8	11/13/07	ISSUE FOR PERMITTING
9	11/13/07	ISSUE FOR PERMITTING
10	11/13/07	ISSUE FOR PERMITTING
11	11/13/07	ISSUE FOR PERMITTING
12	11/13/07	ISSUE FOR PERMITTING
13	11/13/07	ISSUE FOR PERMITTING
14	11/13/07	ISSUE FOR PERMITTING
15	11/13/07	ISSUE FOR PERMITTING
16	11/13/07	ISSUE FOR PERMITTING
17	11/13/07	ISSUE FOR PERMITTING
18	11/13/07	ISSUE FOR PERMITTING
19	11/13/07	ISSUE FOR PERMITTING
20	11/13/07	ISSUE FOR PERMITTING

UNIVERSITY DESIGN
ENGINEERING
 DESIGNED BY: J. SIZI
 DRAWN BY: B. JACKSON
 CHECKED BY: J. SIZI
 JOB NUMBER: 07070
 DATE: 8-28-07
 SCALE: SEE DRAWING

SHEET TWO
**PLUMBING DIAGRAMS
 AND DETAILS**

SHEET NUMBER



1000 W. 10TH ST.
TULSA, OK 74106
918.438.1234
WWW.MCKIRSTY.COM

**KING COUNTY
DATA CENTER
AT SABEY CORP
TUK 5 BUILDING
SBC 5201
3355 S. 120th Place
Tulwika, WA 98188**

SERVICE ID	SERVICE DESCRIPTION	LOCATION / AREA	EQUIPMENT MAKE / MODEL	SIZE	MATERIAL	CONNECTION TYPE & SYSTEM	FLAME DETECTOR / SMOKE DETECTOR	EXHAUSTION POINT	INSTALLATION DATE	TEST PROCEDURE	TEST FREQUENCY	REMARKS
POV	FUEL OIL UNIT	ALL	POV	3.00 GPM	POV	POV	POV	POV	POV	POV	POV	POV
POV 1 & 2	FUEL OIL UNIT 1 & 2	ALL	POV	3.00 GPM	POV	POV	POV	POV	POV	POV	POV	POV
POV 3	FUEL OIL UNIT 3	ALL	POV	3.00 GPM	POV	POV	POV	POV	POV	POV	POV	POV

UNIT	TYPE	SIZE	INSTALLATION DATE	TEST PROCEDURE	TEST FREQUENCY	REMARKS
POV 1	POV	3.00 GPM	POV	POV	POV	POV
POV 2	POV	3.00 GPM	POV	POV	POV	POV
POV 3	POV	3.00 GPM	POV	POV	POV	POV

NOTES:
1. ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
2. ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
3. ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.

UNIT	TYPE	SIZE	INSTALLATION DATE	TEST PROCEDURE	TEST FREQUENCY	REMARKS
POV 1	POV	3.00 GPM	POV	POV	POV	POV
POV 2	POV	3.00 GPM	POV	POV	POV	POV
POV 3	POV	3.00 GPM	POV	POV	POV	POV

NOTES:
1. ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
2. ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
3. ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.

Plumbing Details Summary
This document provides a summary of the plumbing details for the project. It includes information on the equipment, materials, and installation requirements. The details are provided for the fuel oil pump units and the associated piping and connections. The information is intended to guide the installation and testing of the equipment.

NO.	DATE	DESCRIPTION
1	10/20/07	ISSUE FOR CONSTRUCTION
2	10/20/07	ISSUE FOR CONSTRUCTION

McKirsty
ENGINEERING
DESIGNED BY: L. J. JONES
CHECKED BY: S. JONES
DATE: 10/20/07
SCALE: AS SHOWN

SCHEDULES - PLUMBING

P7.0

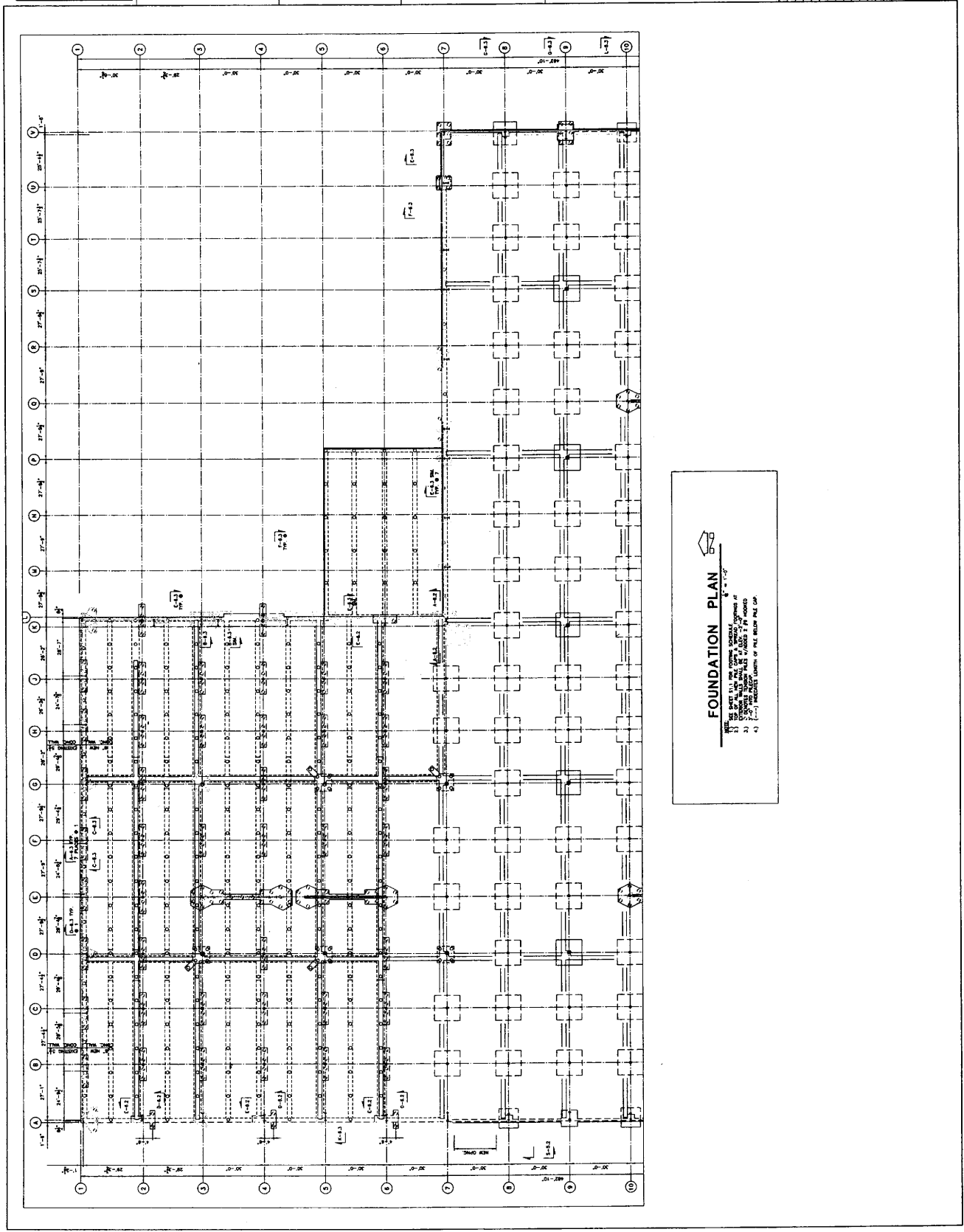
REVISION	DATE	BY	CHK
FOUNDATION PLAN			
PLAN			
AS-BUILT			
REVISION			
DATE			
BY			
CHK			
D. LANE			

PHASE 52.01 TEMENT IMPROVEMENT
 SAREBY DATA CENTER
 INTERGATE EAST CAMPUS
 3355 S. 120TH PLACE
 TUMWIL, WA 98168
 PROJECT # 202311.01

CALLISON
 1420 PINE AVENUE #2400
 SEATTLE, WASHINGTON 98101-2043
 P 206 322 4848
 F 206 322 4928
 WWW.CALLISON.COM

ENW ENGINEERS NORTHWEST, INC. P.E.
 PROFESSIONAL ENGINEERS
 8000 ROCKAWAY AVE. SUITE 1000
 SEATTLE, WA 98148-5121
 P 206 262 8851
 F 206 262 8851
 WWW.ENW.COM

SAREBY CORPORATION
 22001 TUMWIL INTERNATIONAL BLVD.
 TUMWIL, WA 98168
 WWW.SAREBY.COM



FOUNDATION PLAN

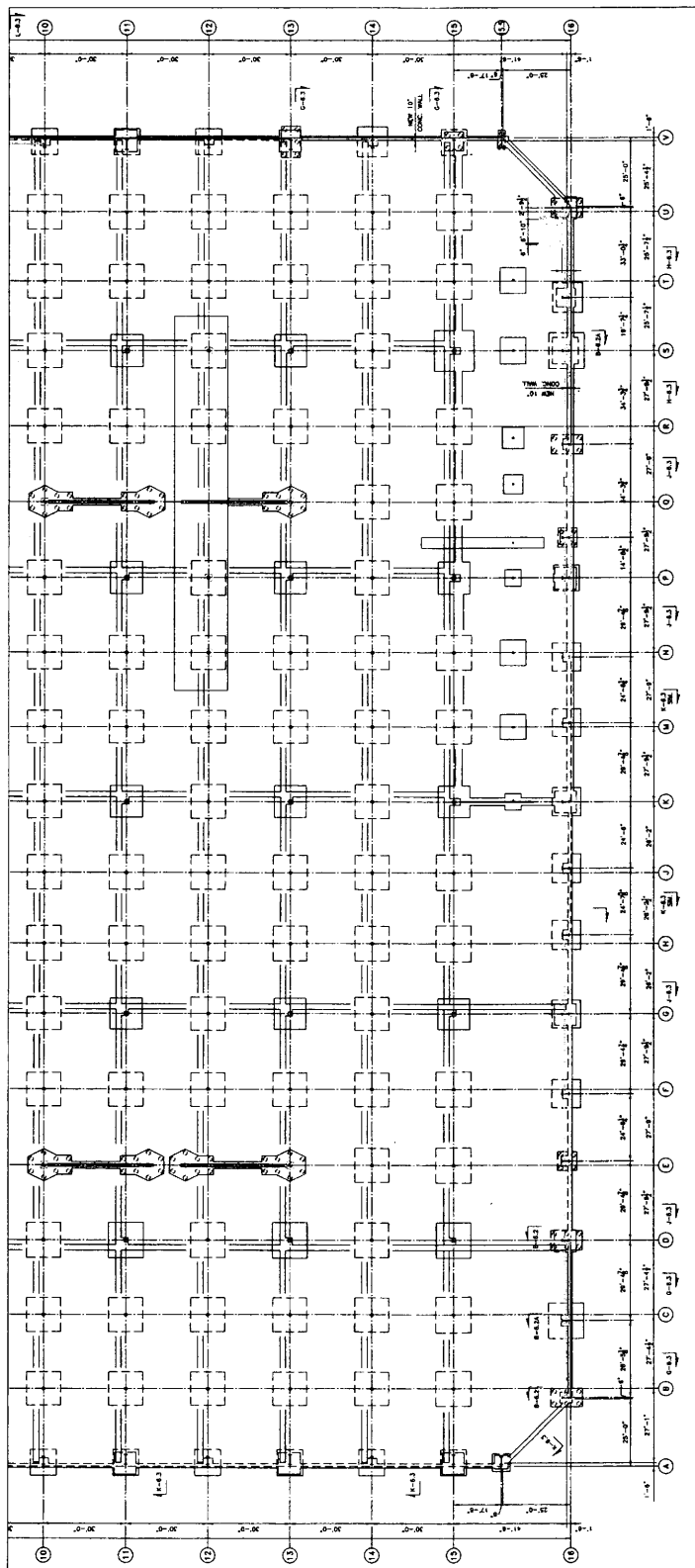
1. SEE SHEET 51.1 FOR COMMON SCHEDULE.
 2. DIMENSIONS ARE UNLESS OTHERWISE NOTED.
 3. FOUNDATION BEAMS ARE TO BE CONCRETE.
 4. REFER TO THE GENERAL NOTES OF THIS DRAWING FOR OTHER NOTES.

REVISED	DATE
1	08-22-12
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19	08-22-12
20	08-22-12

SABRY DATA CENTER
 PHASE 02-01 TEMENT IMPROVEMENT
 INTERTEC EAST CAMPUS
 3955 S. 120th Place
 TUMWALD, WA 98168
 PROJECT # 203111-01



ENW ENGINEERS NORTHWEST, INC., P.A.
 PHYSICAL ENGINEERS
 ONE 100-10th Ave SW 200 2nd Floor
 Seattle, WA 98119
 P 206 461 8000
 F 206 461 8001
 www.enw.com



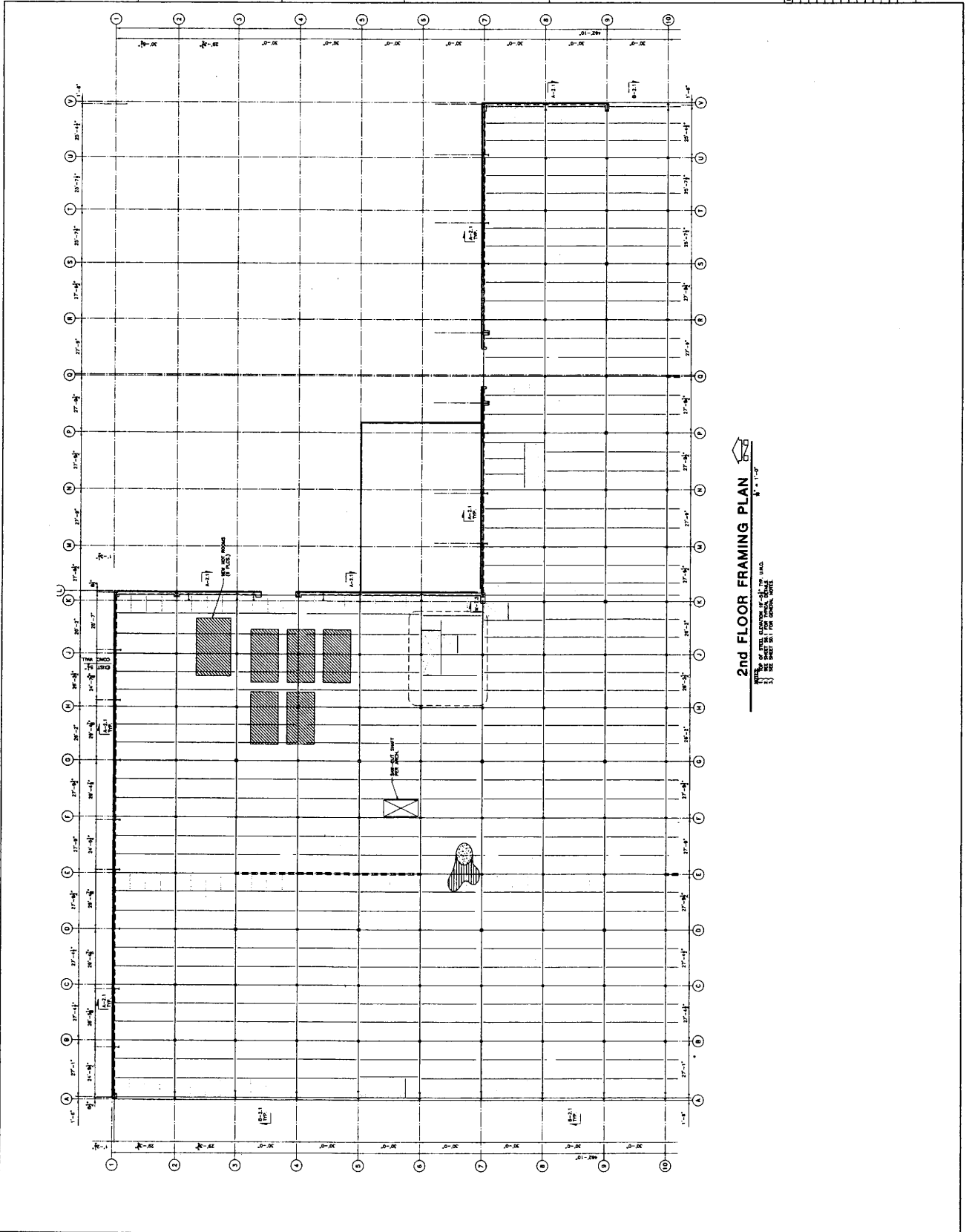
FOUNDATION PLAN
 Scale: 1/4" = 1'-0"
 1. SEE SHEET 02-01 FOR COLUMN SCHEDULE
 2. SEE SHEET 02-01 FOR BEAM SCHEDULE
 3. COLUMN HEADS SHALL BE 2'-0" ABOVE 1" FIN FLOOR
 4. [Symbol] INDICATES LOCATION OF FILE BEHIND FILE CAB.

REVISION	DATE
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SABRY DATA CENTER
 PHASE 52.0 UPGRADE IMPROVEMENT
 INTERGATE EAST CAMPUS
 3355 S. 120TH PLACE
 TUKWILA, WA 98168
 PROJECT # 202111.01

CALLISON
 1420 9TH AVENUE, SUITE 200
 SEATTLE, WASHINGTON 98101-2343
 P 206 423 4825
 WWW.CALLISON.COM

BNW ENGINEERS
 STRUCTURAL ENGINEERS
 12201 TUKWILA INTERNATIONAL BLVD
 SUITE 100
 TUKWILA, WA 98168-5121
 P 206 282 8900
 WWW.BNEY.COM



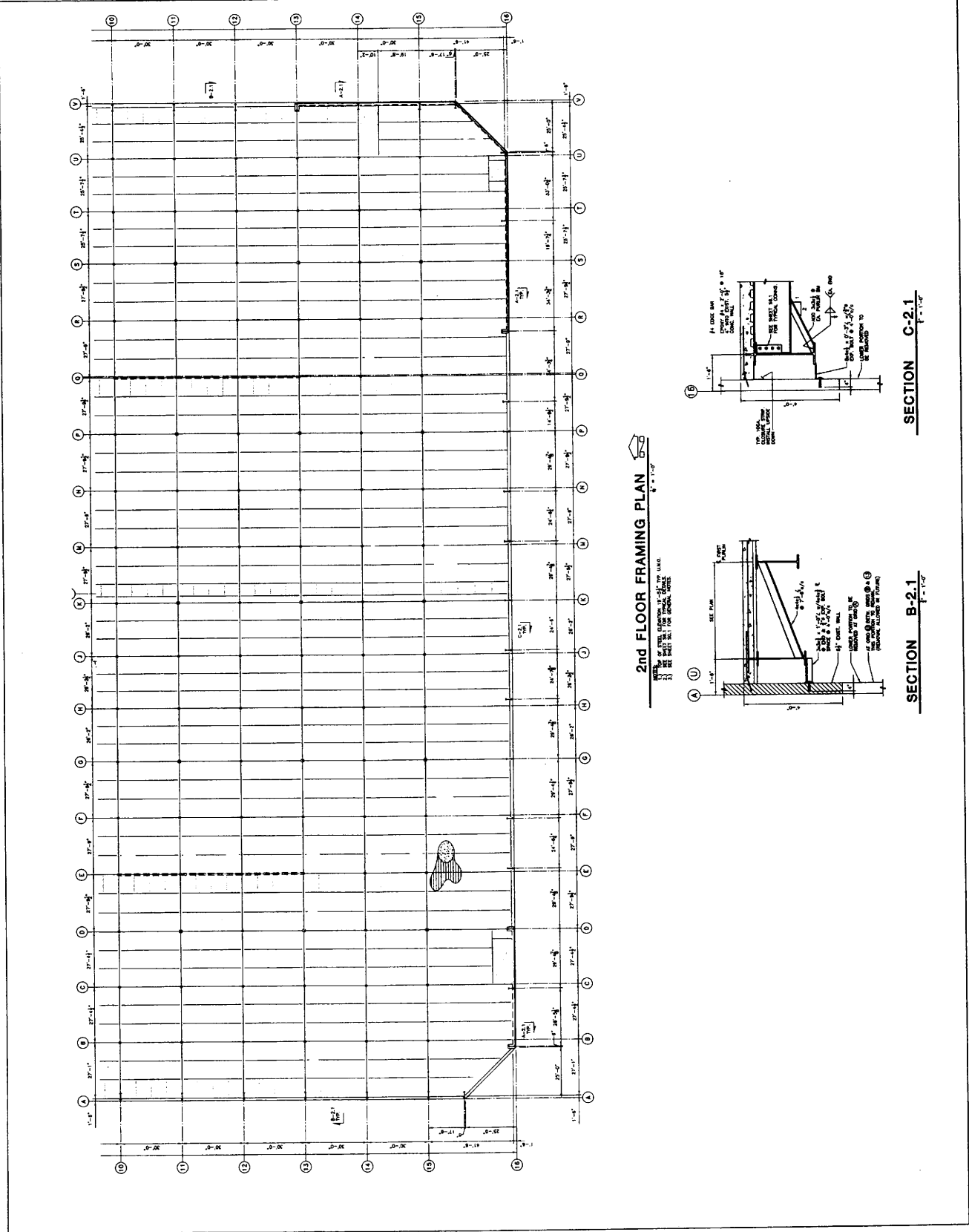
2nd FLOOR FRAMING PLAN
 1/8" = 1'-0"
 NUMBER OF SHEET: 10 OF 10
 DATE: 11/15/21

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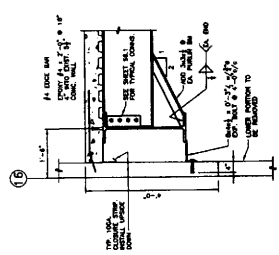
SABRY DATA CENTER
 INTERSTATE EAST CAMPUS
 3355 S 120TH PLACE
 TUKWILA, WA 98188
 PROJECT # 202311.01

CALLISON
 1420 Fifth Avenue #2400
 Seattle, Washington 98101-2243
 WWW.CALLISON.COM
 P 206 425 4648
 F 206 425 4625

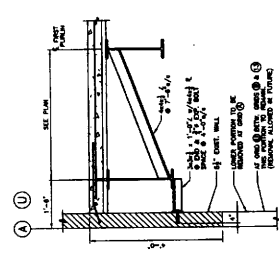
ENW ENGINEERS NORWEST, INC. P.E.
 STRUCTURAL ENGINEERS
 8880 ROSSDALE AVE. SE SUITE 100
 EVERETT, WA 98203
 WWW.ENWENGINEERS.COM
 P 425 282 8851
 F 425 282 8700
 WWW.SABRY.COM



2nd FLOOR FRAMING PLAN
 1/4" = 1'-0"



SECTION C-2.1
 1/4" = 1'-0"



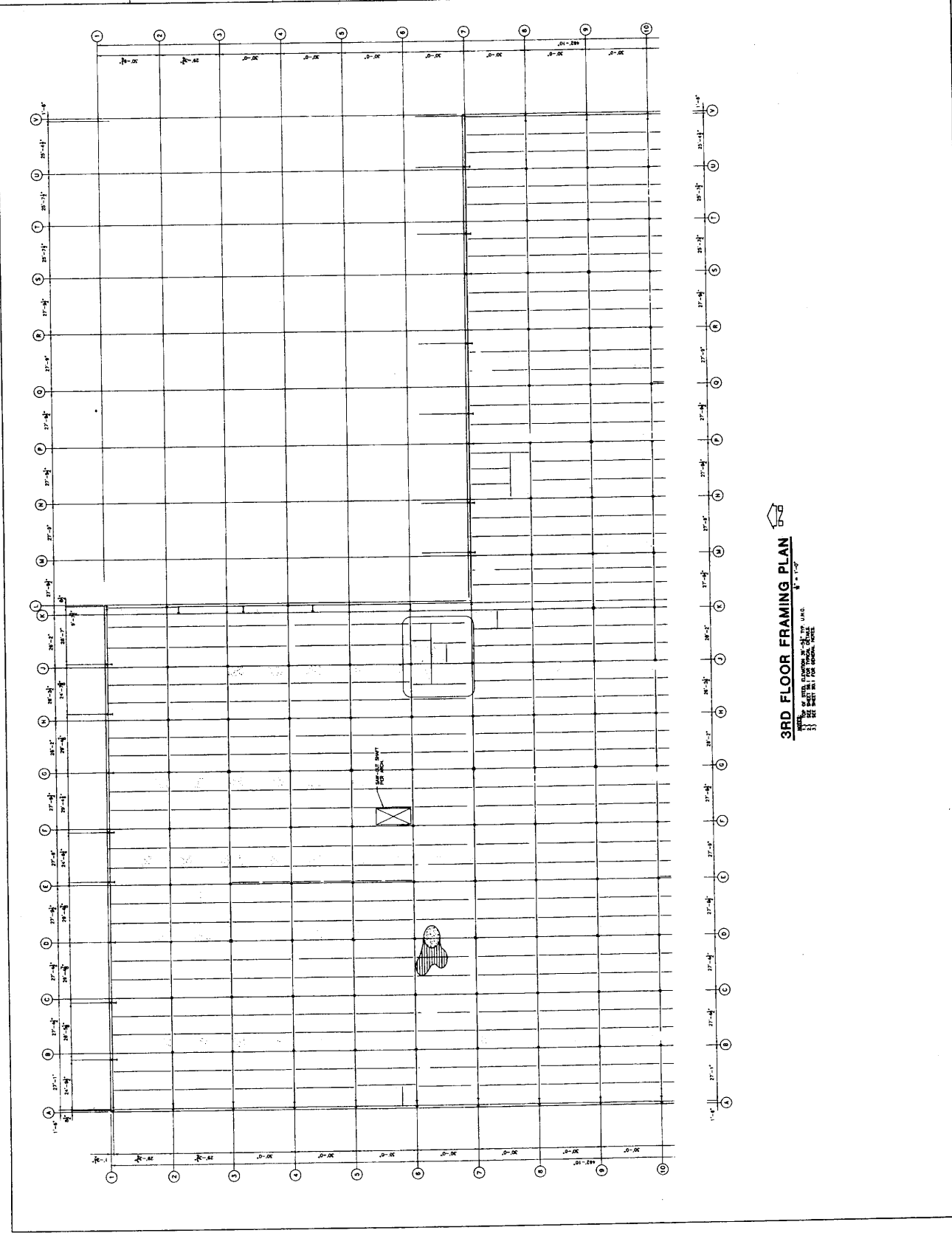
SECTION B-2.1
 1/4" = 1'-0"

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SABRY DATA CENTER
PHASE 52-01 TENANT IMPROVEMENT
 3355 S. 120TH PLACE
 TUMWILA, WA 98168
 PROJECT # 20211101

CALLISON
 1420 Fifth Avenue, #2400
 Seattle, Washington 98101-2343
 P 206 423 4823
 F 206 423 4825
 www.callison.com

ENW ENGINEERS NORTHWEST, INC. P.E.
 STRUCTURAL ENGINEERS
 12201 135th Avenue NE
 Everett, WA 98201-5121
 P 425 282 9951
 F 425 282 9951
 www.enw.com



3RD FLOOR FRAMING PLAN
 1/8" = 1'-0"
 ALL DIMENSIONS IN FEET AND INCHES
 UNLESS OTHERWISE NOTED
 SEE 2ND FLOOR FOR DETAILS

REVISION NO.	DATE	DESCRIPTION

SABREY DATA CENTER
INTERGATE EAST TOWER IMPROVEMENT
3355 S. 120TH PLACE
TUMWATER, WA 98168
PROJECT # 20711.01

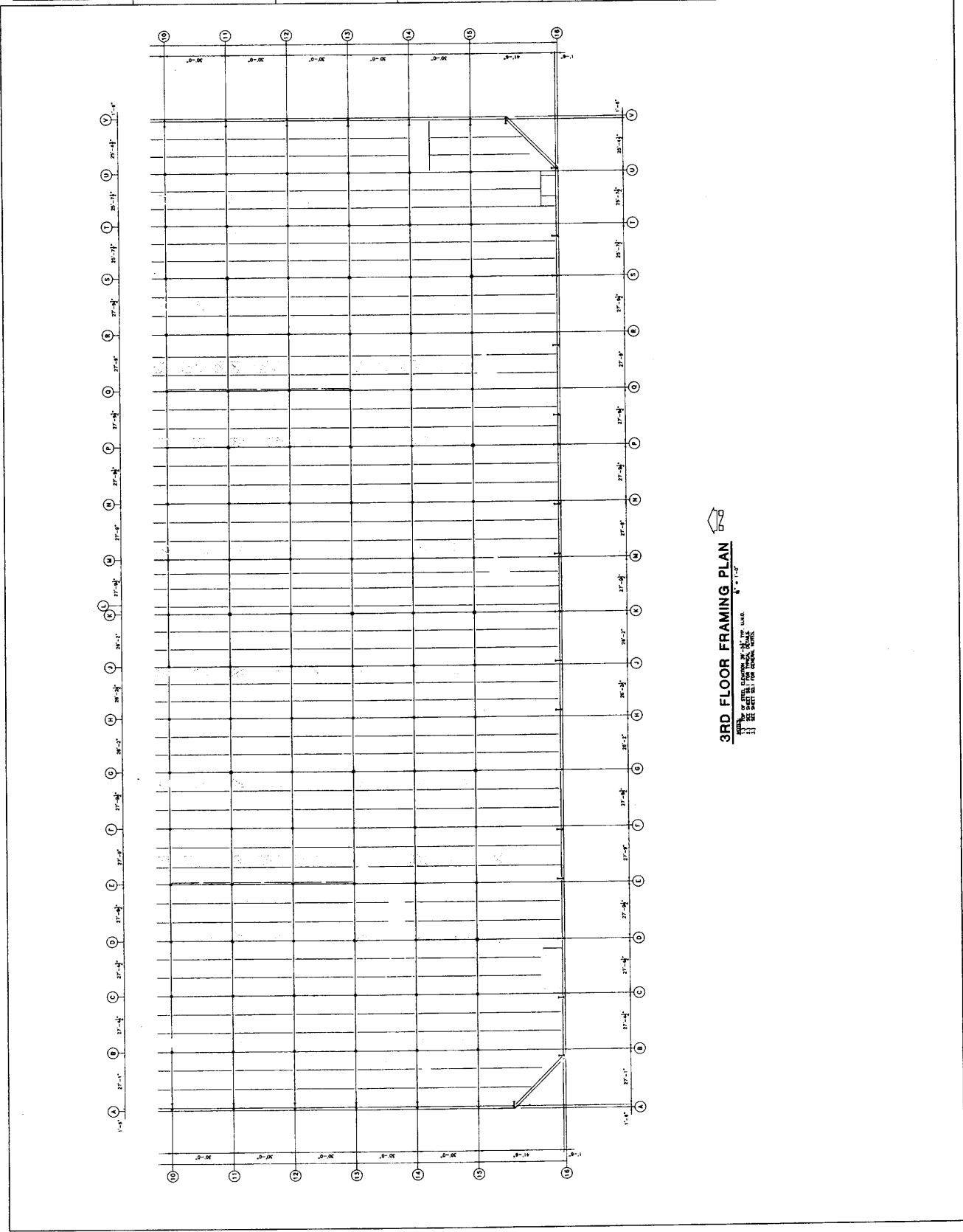
CALLISON

1420 15TH AVENUE SW
DUBLIN, WASHINGTON 98015-2345
T 206 822 4848
F 206 822 4223
WWW.CALLISON.COM

ENW ENGINEERING

STRUCTURAL ENGINEER
ENW ENGINEERING
3800 BOONVILLE AVE. SE
TUMWATER, WA 98148-2221

SABREY CORPORATION
12201 TUMWATER INDUSTRIAL BLVD.
FOURTH FLOOR
TUMWATER, WA 98148-3121
T 206 822 9951
F 206 822 9951
WWW.SABREY.COM



3RD FLOOR FRAMING PLAN

SCALE: 1/8" = 1'-0"
SEE SECTION 11 FOR BEAM DETAIL

ENW ENGINEERS
NORTHWEST INC. PS
STRUCTURAL ENGINEER
12201 FARMER INTERNATIONAL BLDG
SUITE 1100
REDLANDS, WA 98149-1211
TEL: 206.282.9832
WWW.ENW.COM

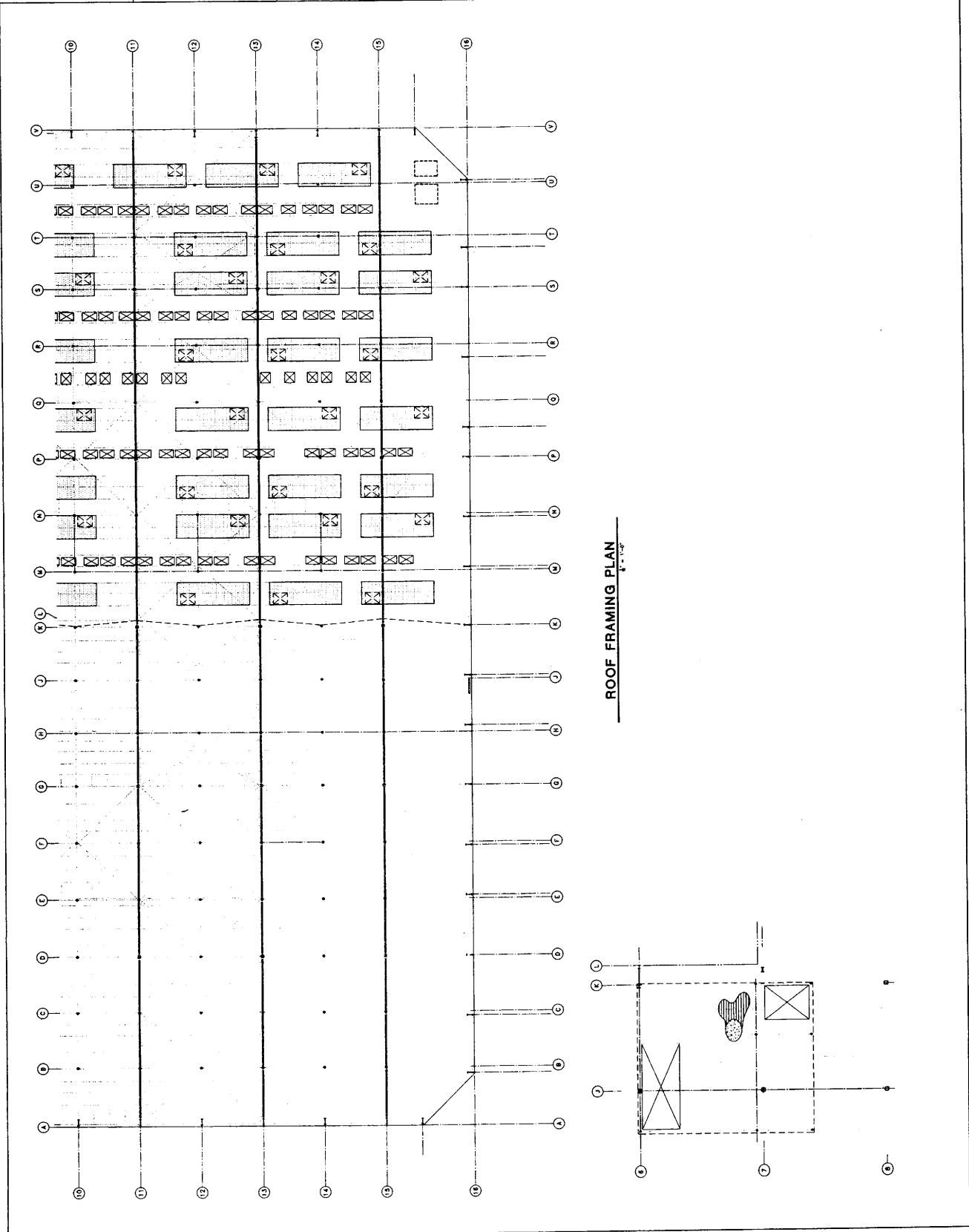
SAREY CORPORATION
12201 FARMER INTERNATIONAL BLDG
SUITE 1100
REDLANDS, WA 98149-1211
TEL: 206.282.9832
WWW.SAREY.COM

CALLISON
1420 5TH AVENUE #2400
SEATTLE, WASHINGTON 98101-3243
TEL: 206.465.4444
WWW.CALLISON.COM

PROJECT # 207311.01
SAREY DATA CENTER
INTERGATE EAST CAMPUS
3355 S. 120TH PLACE
TUMWATER, WA 98148

REVISION	DATE	BY	APP'D

749



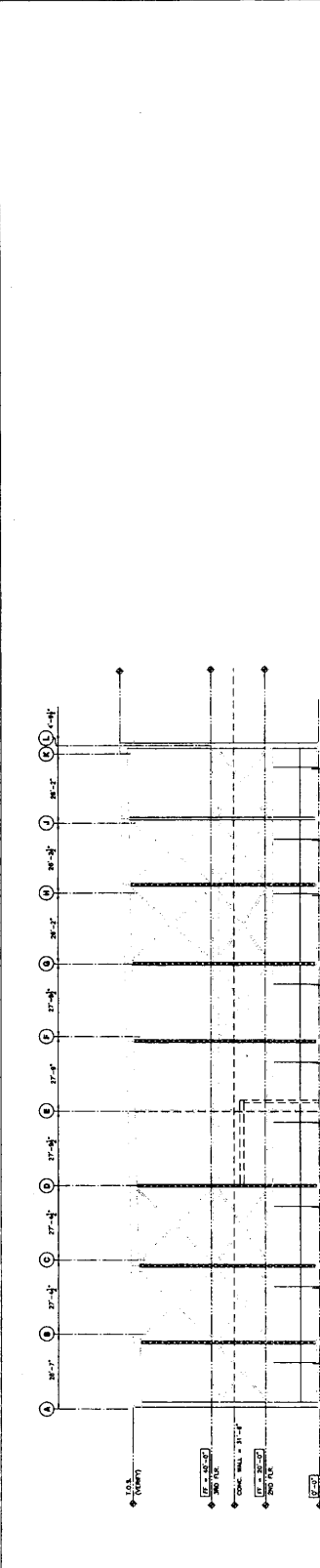
SABRY CORPORATION
12201 LUXMIRA INTERNATIONAL BLVD
DALLAS, TX 75244
1-214-359-3100
WWW.SABRY.COM

ENW ENGINEERS NORTHWEST, INC. PA
STRUCTURAL ENGINEERS
6990 NE WALKER ST. SUITE 200, PORTLAND, OR 97217
WWW.ENWENGINEERS.COM
P 503 282 9991
F 503 282 9970

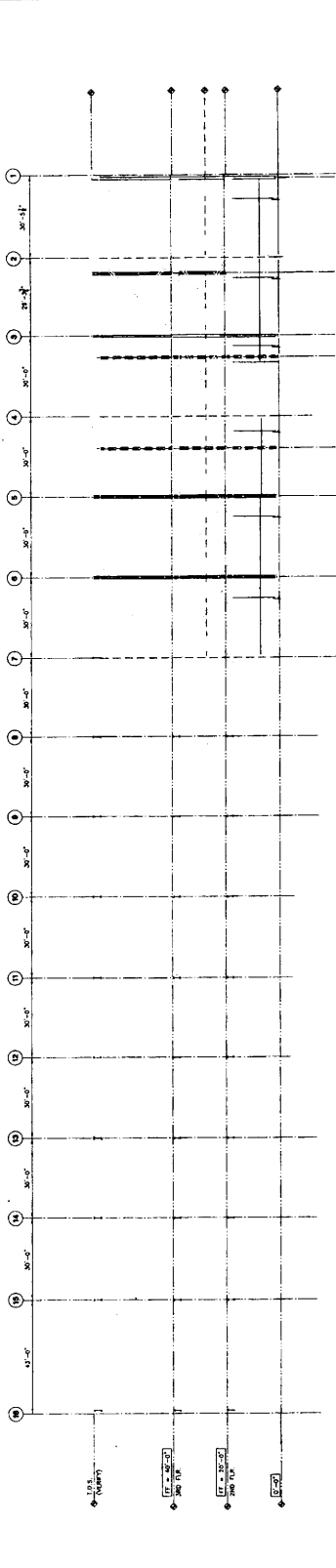
CALLISON
1420 FIFTH AVENUE SUITE 2500
SEATTLE, WASHINGTON 98101-2543
P 206 437 4925
WWW.CALLISON.COM

SABRY DATA CENTER
PHASE 52-01 TOWER IMPROVEMENT
INTERGATE EAST CAMPUS
3355 S. 170TH PLACE
TUMWATER, WA 98148
PROJECT # 202311-01

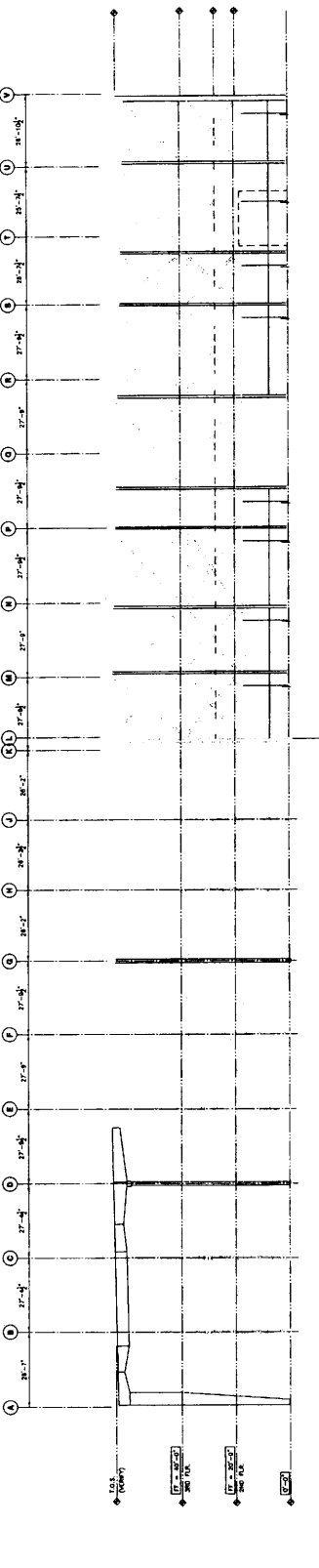
ISSUED / REVISION / DATE



EXIST. FRAME ALONG GRID 1

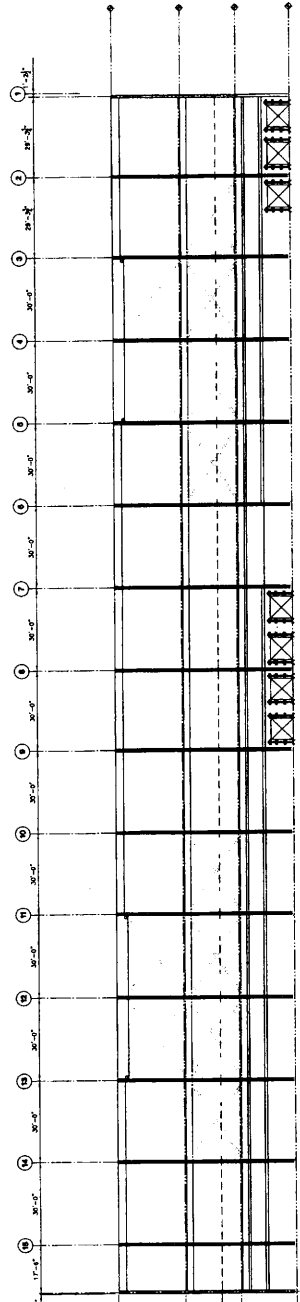


EXIST. FRAME ALONG GRID L



EXIST. FRAME ALONG GRID 7

EXIST. FRAME ALONG GRID (A)



1. EXISTING STRUCTURE SHOW 12" SHED STEEL BEAMS & 2" CIP FLOOR.
 2. EXISTING CONCRETE MASONRY CORNER ELEV. 17'-0"
 3. EXISTING PARTIAL BRICK TO REMAIN

1. 12" SHED STEEL BEAM
 2. 2" CIP FLOOR
 3. 12" SHED STEEL BEAM
 4. 12" SHED STEEL BEAM

ISSUED / REVISED	DATE

SABLEY DATA CENTER
 INTERGATE EAST CAMPUS
 3055 S. 120TH PLACE
 TUMWATER, WA 98168
 PROJECT # 20731101

CALLISON
 1420 PINE AVENUE SUITE 2500
 SEATTLE, WASHINGTON 98101-3243
 P 208 822 4444
 F 208 822 4825
 WWW.CALLISON.COM

PNW Engineers Northwest, Inc. PA
 STRUCTURAL ENGINEER
 12201 TUMWATER INTERNATIONAL BLVD.
 SUITE 100
 TUMWATER, WA 98168-5121
 P 208 281 8700
 F 208 282 9851
 WWW.PNW.COM

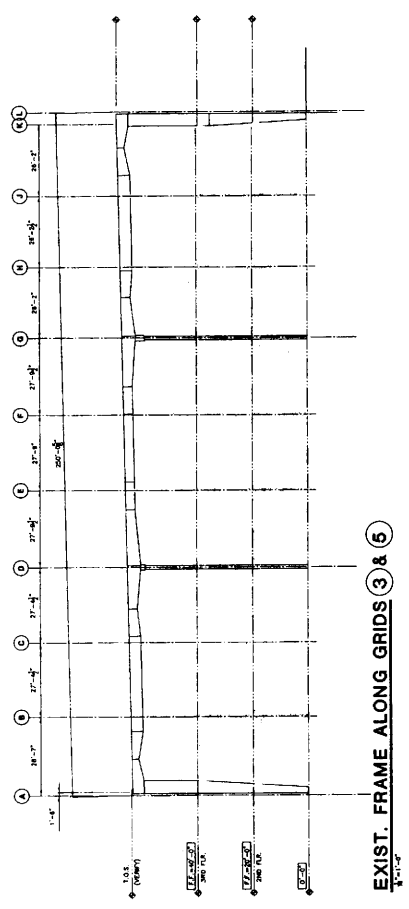
SABLEY CORPORATION
 12201 TUMWATER INTERNATIONAL BLVD.
 SUITE 100
 TUMWATER, WA 98168-5121
 P 208 281 8700
 F 208 282 9851
 WWW.SABLEY.COM

ISSUED / REVISED	DATE

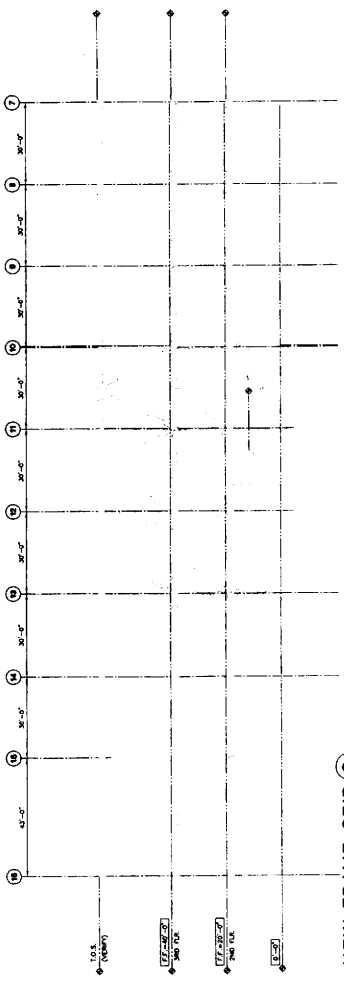
SABAY DATA CENTER
PHASE 52-01 TEMENT IMPROVEMENT
 INTERGATE EAST CAMPUS
 3355 S. 120TH PLACE
 TUKWILA, WA 98168
 PROJECT # 207311-01

CALLISON
 1420 7TH AVENUE 22400
 SUITE 700 WASHINGTON 98101-2243
 F 206 423 4488
 P 206 423 4825
 WWW.CALLISON.COM

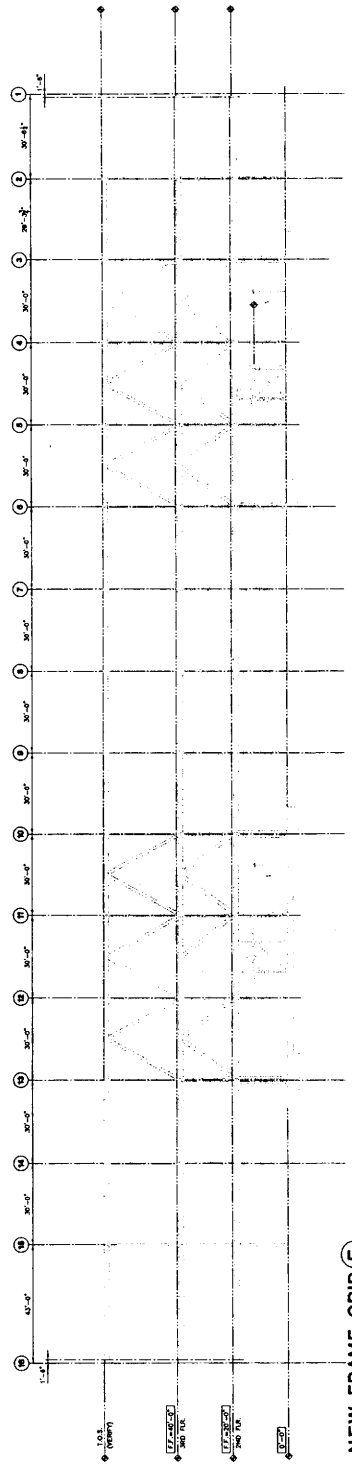
ENW ENGINEERS NORTHWEST, INC. P.A.
 PHYSICAL ENGINEERS
 8800 UNIVERSITY AVENUE SUITE 200
 SEASIDE WA 98138-3121
 F 206 282 9981
 T 206 281 9700
 WWW.ENW.COM



EXIST. FRAME ALONG GRIDS 3 & 6
 1/8" = 1'-0"



NEW FRAME GRID Q
 1/8" = 1'-0"



NEW FRAME GRID E
 1/8" = 1'-0"

DATE	REVISION	DESCRIPTION

SABREY DATA CENTER
 INTERGRADE EAST CAMPUS
 PHASE 02-01 TENEMENT IMPROVEMENT

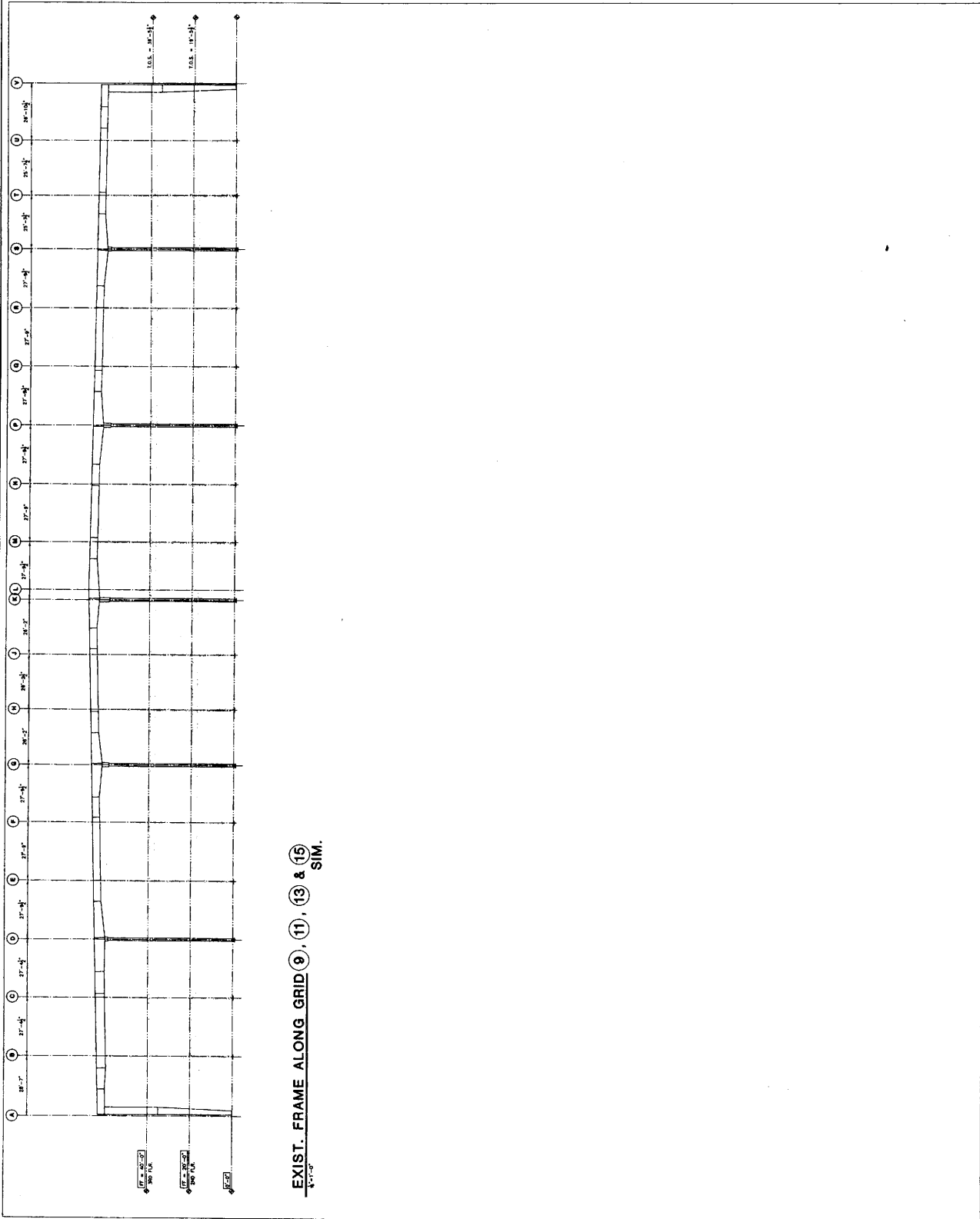
1420 FIFTH AVENUE 22400
 DENTON, WASHINGTON 28011-2343
 7 208 823 4848
 P 208 823 4828
 WWW.CALLISON.COM

CALLISON

ENW
 ARCHITECTURAL ENGINEERS
 NORTHWEST, INC. P.S.

12201 TUMWILTA INTERGRADE BLDG.
 SUITE 201
 3801 S. 120TH PLACE
 TUMWILTA, WA 98168
 1 206 282 9920
 WWW.ENW.COM

OWNER
 SBBBY CORPORATION
 12201 TUMWILTA INTERGRADE BLDG.
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 3801 S. 120TH PLACE
 TUMWILTA, WA 98168-5121
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 F 206 282 9951
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REVISION	DATE

SABRY DATA CENTER
INTERGATE EAST CAMPUS
3355 S. 120TH PLACE
TUKWILA, WA 98168
PROJECT # 207311.01

CALLISON
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