



HOUSING AUTHORITY OF THE CITY OF COLLEGE PARK

9014 RHODE ISLAND AVE • COLLEGE PARK, MARYLAND 20740
301-345-3600 PH • 301-345-4292 FAX

MICHELLE JOHNSON
EXECUTIVE DIRECTOR

ARELIS PÉREZ
CHAIRMAN

RFP Q&A Number:	2023-2
Project Title:	Heating, Ventilation, And Air Conditioning Replacement Units
Proposals questions must be mailed to:	9014 Rhode Island Ave. College Park MD, 20740
Questions about this RFP must be submitted to the application email address:	mcjohnson@haccp.agency
Responses to questions will post on:	8/22/2023

QUESTION & ANSWERS

1. How many of each VFB's are needed?
3 VFB?
4VFB?
6VFB?
Answer 1: 176
2. How many left-handed units?
Answer 2: 96
3. How many right-handed units?
Answer 3: 80
4. Regarding the sub meters – should there be one per apartment or one per fan coil unit?
Answer 4: One per apartment, we would like to have the meters in the electrical room the 1st floor.
5. Should they be inside the actual fan coil units?
Answer 5: No
6. Should the common area fan coil units be sub metered? If so each unit or each room?
Answer 6: They should all be on one meter.





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7. Regarding the quantity of fan coil units that need to be replaced the RFP states that the number is 174 but I counted 181 on the walk through (and conversations) which includes the common areas. What is the true number of fan coil units to be replaced and what are the sizes/cfm of each?
Answer 7: 176
8. We need quantity of each FCU Model and what the corresponding CFM is for each of those models? For example, how many units should be 200 CFm and how many units should be 400 cfm, etc.?
 - Qty. (xx) 3 VFB?
 - Qty. (xx) 4 VFB?
 - Qty. (xx) 6 VFB?Answer 8: 10/400 & 166/200
9. Can we provide In-Kind FCUs, or is your preference Magic-Aire?
Answer 9: No preference
10. Is this Davis Bacon or buy American wage rate?
Answer 10: Davis Bacon
11. Are there ISO valves for tier/riser to isolate each dedicated tier to remove/install new convectors?
Answer 11: Yes If not, the entire system will need to be drained.
12. Are the isolation valves to be replaced at the units, and for the Main Riser ISO valves?
Answer 12: Yes
13. Is there any way possible to push the bid due date to August 31?
Answer 13: No
14. 1- building engineer said risers are to be replaced are we replacing riser piping for all tiers?
Answer 14: No
15. 2- how many left hand units and size?
Answer 15: 96





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16. 3- how many right hand units and size?

Answer 17: 80

17. 4- what is the voltage to the thermostats

Answer 17: 120V

18. 5- what is the voltage on the fan coil units?

Answer 18: 120V

19. 6- can you clarify on the type of submeters /for water or electric?

Answer 19: Electric

20. 7- can you provide drawings so we can formulate a schedule?

Answer 20 : See Attached

21. 8-do we need to keep the thermostats in the same location?

Answer 21: Yes

22. 9-if fan coil units are slightly smaller do we carry the responsibility of painting and matching the wall or does in house perform that work?

Answer 22: The contractor will perform this duty.

23. 10- during scheduled riser shut down if not able to gain entry into units can we schedule other locations?

Answer 23: You will have access during the work hours M-F 8:30AM to 4:00PM

24. Are there existing drawings (architectural, mechanical, electrical) and will they be accessible?

Answer 24:Yes

25. If there are existing drawings, which format are they in (ie. PDF, CAD, JPEG, etc.)?Answer

25: See attached

26. For submetering HVAC units, do you want the meter readings to be accessible from outside the apartments (ie. wifi connected), or do you plan to go into each apartment and take readings.

Answer 26: Include the Price both Wi-Fi and conventional.





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27. Will contractors be responsible for new permit set drawings? The addition of metering devices likely requires updated MEP drawing sets?

Answer 27: Yes

28. Can you clarify if there are existing drawings for the project (Architectural and/or MEP), and if they are in PDF or CAD?

Answer 28: See Attached

29. Would you be able to provide us with the model/serial #(s) for the HVACs/Convactor and Scope of Sork? Or equip list? Please advise

Answer 29: See RFP haccpmd.agency

30. Any chance we can get the documents regarding the project before the site visit?

Answer 30. RFP is on the HACCP website haccpmd.agency

Below and attached are the questions captured during 8/15/23 Pre-Bid Conference Meeting. Also, below and attached are the participants and the sign-in sheet.

1. When does the bidding close?

Answer 1: 8/28/23 4PM EST

2. What is the work completion date?

Answer 2: 12/15/23

3. What is the timing for beginning and completing the project?

Answer 3: ASAP

4. Is parking available?

Answer 4: Yes

5. Are bathrooms available?

Answer 5: Yes

6. What is the total number of convactor units to be replaced?

Answer 6: 176





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7. Will thermostats need to be replaced?

Answer 7: Yes

8. How will the contractor gain access to the resident units?

Answer 8: Property has Staff on site to give access.

9. Who will be responsible for moving furniture for access and replacement of convector units?

Answer 9: Tenants/Staff

10. Does each unit need to be on separate meters?

Answer 10: No, each convector does not need their own meter.

11. Will it be one submeter per resident unit?

Answer 11: Yes

12. Is it a 2 or 4 pipe system?

Answer 12: 2

13. Are there existing building drawings?

Answer 13: See attached

14. Is the boiling system zoned?

Answer 14: No

15. Is the HACCP Maintenance completing the drain down of the system?

Answer 15: There are isolated valves in the common areas, drain down is not required.

16. Are there individual valves (Isolation and control) and are they being replaced?

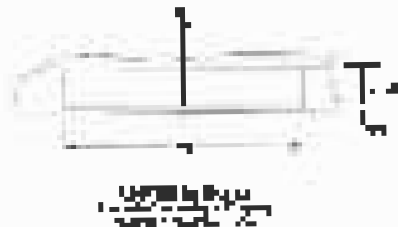
Answer 16: The only valve that's being replaced are in the convector.



NOTES

1. ALL DIMENSIONS ARE IN MILLIMETERS
2. ALL DIMENSIONS ARE TO CENTER UNLESS OTHERWISE SPECIFIED
3. DIMENSIONS IN PARENTHESES ARE FOR INFORMATION ONLY
4. DIMENSIONS IN SQUARE BRACKETS ARE FOR INFORMATION ONLY
5. DIMENSIONS IN BRACKETS ARE FOR INFORMATION ONLY
6. DIMENSIONS IN BRACKETS ARE FOR INFORMATION ONLY
7. DIMENSIONS IN BRACKETS ARE FOR INFORMATION ONLY
8. DIMENSIONS IN BRACKETS ARE FOR INFORMATION ONLY

HIGH BEAM DETAIL



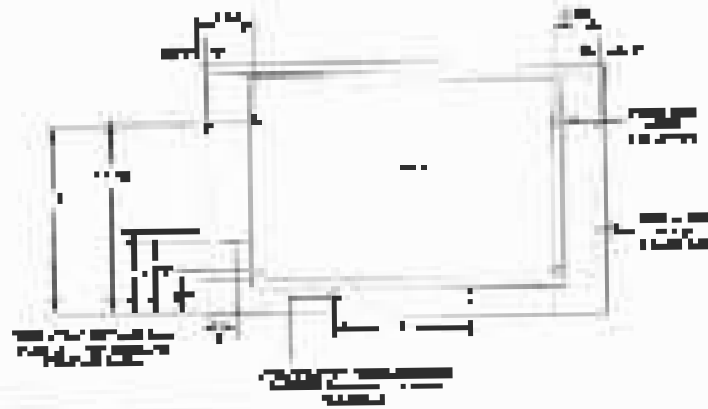
MATERIAL SPECIFICATIONS			
ITEM NO.	QTY	MATERIAL DESCRIPTION	
		QUANTITY	DESCRIPTION
1001	10	1000	ALUMINUM
1002	10	1000	ALUMINUM
1003	10	1000	ALUMINUM
1004	10	1000	ALUMINUM
1005	10	1000	ALUMINUM
1006	10	1000	ALUMINUM

NOTE: Verify lead in assembly and before shipping the cell to verify correct assembly.

12



1001 - HIGH BEAM DETAIL



MATERIAL LOCATION								
ITEM NO.	QTY	Y	X	Z	W	H	D	R
1001	10	1000	1000	1000	1000	1000	1000	1000
1002	10	1000	1000	1000	1000	1000	1000	1000
1003	10	1000	1000	1000	1000	1000	1000	1000
1004	10	1000	1000	1000	1000	1000	1000	1000
1005	10	1000	1000	1000	1000	1000	1000	1000
1006	10	1000	1000	1000	1000	1000	1000	1000

MATERIAL LOCATION								
ITEM NO.	QTY	Y	X	Z	W	H	D	R
1001	10	1000	1000	1000	1000	1000	1000	1000
1002	10	1000	1000	1000	1000	1000	1000	1000
1003	10	1000	1000	1000	1000	1000	1000	1000
1004	10	1000	1000	1000	1000	1000	1000	1000
1005	10	1000	1000	1000	1000	1000	1000	1000
1006	10	1000	1000	1000	1000	1000	1000	1000

PRODUCT DRAWING
 PART NO. 1001
 DATE: 10/10/2023
 TITLE: HIGH BEAM DETAIL

Author: [Name]
 Designer: [Name]
 Checker: [Name]
 Date: 10/10/2023

Part No: 1001
 Date: 10/10/2023

Author: [Name]
 Designer: [Name]
 Checker: [Name]
 Date: 10/10/2023





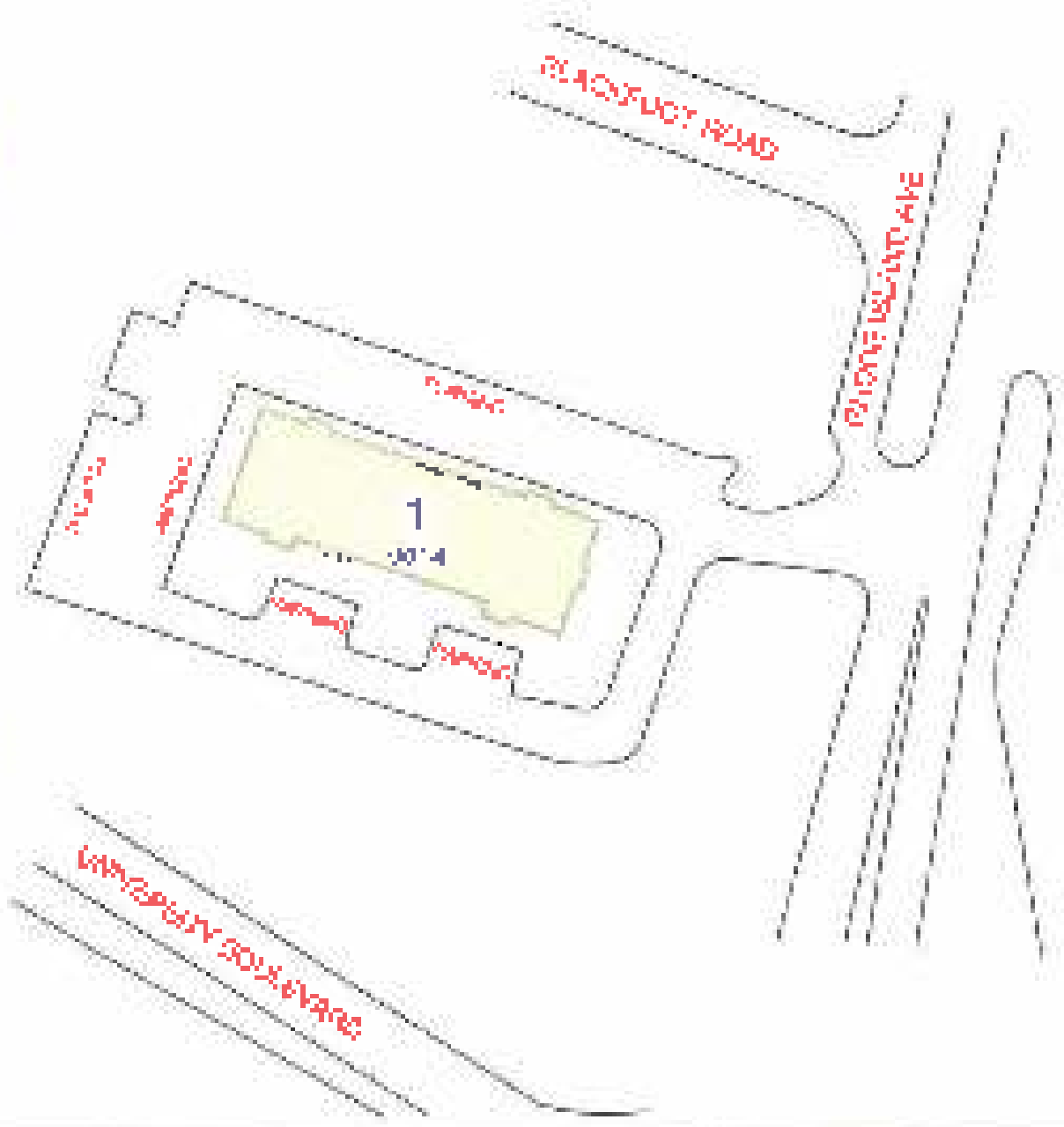
COLLEGE PARK HOUSING AUTHORITY

FILE COPY

**2014 RHODE ISLAND AVE.
COLLEGE PARK, MD 20740**

TEL: 410-326-1234
SURVY DATE: 08/30/2008
RONTAL

SUB-MANAGER: REGINA STONER-MITCHELL (301) 271-8700



LEGEND

--- UNPAVED DRIVEWAY --- PAVED DRIVEWAY

--- UNPAVED SIDEWALK --- PAVED SIDEWALK

--- UNPAVED BIKEWAY --- PAVED BIKEWAY

--- UNPAVED PLAY AREA --- PAVED PLAY AREA

--- UNPAVED TENNIS COURT --- PAVED TENNIS COURT

--- UNPAVED BASEBALL FIELD --- PAVED BASEBALL FIELD

GENERAL NOTES

1. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.

2. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE NOTED.

3. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE NOTED.

4. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE NOTED.

NOT TO SCALE

THIS PLAN IS THE PROPERTY OF THE COLLEGE PARK HOUSING AUTHORITY. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. IT IS NOT TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF THE COLLEGE PARK HOUSING AUTHORITY.

INSTALLATION NOTES

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9. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE NOTED.

10. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE NOTED.

PROJECT DIRECTORY

- PHASE 1 - SITE PREP
- PHASE 2 - FOUNDATION
- PHASE 3 - FLOOR SLAB
- PHASE 4 - EXTERIOR WALLS
- PHASE 5 - ROOFING
- PHASE 6 - INTERIOR WALLS
- PHASE 7 - FINISHES
- PHASE 8 - MECHANICAL
- PHASE 9 - ELECTRICAL
- PHASE 10 - PLUMBING
- PHASE 11 - PAINT
- PHASE 12 - LANDSCAPE



LIST OF SYSTEMS/INSTALLATIONS

NO.	DESCRIPTION	DATE	STATUS
1	TELEPHONE	08/30/08	COMPLETE
2	TELEPHONE	08/30/08	COMPLETE
3	TELEPHONE	08/30/08	COMPLETE
4	TELEPHONE	08/30/08	COMPLETE
5	TELEPHONE	08/30/08	COMPLETE
6	TELEPHONE	08/30/08	COMPLETE
7	TELEPHONE	08/30/08	COMPLETE
8	TELEPHONE	08/30/08	COMPLETE
9	TELEPHONE	08/30/08	COMPLETE
10	TELEPHONE	08/30/08	COMPLETE

NO.	DESCRIPTION	DATE
1	TELEPHONE	08/30/08
2	TELEPHONE	08/30/08
3	TELEPHONE	08/30/08
4	TELEPHONE	08/30/08
5	TELEPHONE	08/30/08
6	TELEPHONE	08/30/08
7	TELEPHONE	08/30/08
8	TELEPHONE	08/30/08
9	TELEPHONE	08/30/08
10	TELEPHONE	08/30/08

PROJECT INFORMATION

PROJECT NO.	01
PROJECT NAME	TELEPHONE
PROJECT LOCATION	2014 RHODE ISLAND AVE., COLLEGE PARK, MD 20740
PROJECT DATE	08/30/08
PROJECT STATUS	COMPLETE
PROJECT OWNER	COLLEGE PARK HOUSING AUTHORITY
PROJECT DESIGNER	VERIZON
PROJECT CONTRACTOR	VERIZON
PROJECT ESTIMATOR	VERIZON
PROJECT SUPERVISOR	VERIZON
PROJECT OPERATOR	VERIZON
PROJECT MAINTENANCE	VERIZON
PROJECT INSPECTION	VERIZON
PROJECT RECORDS	VERIZON
PROJECT ARCHIVE	VERIZON



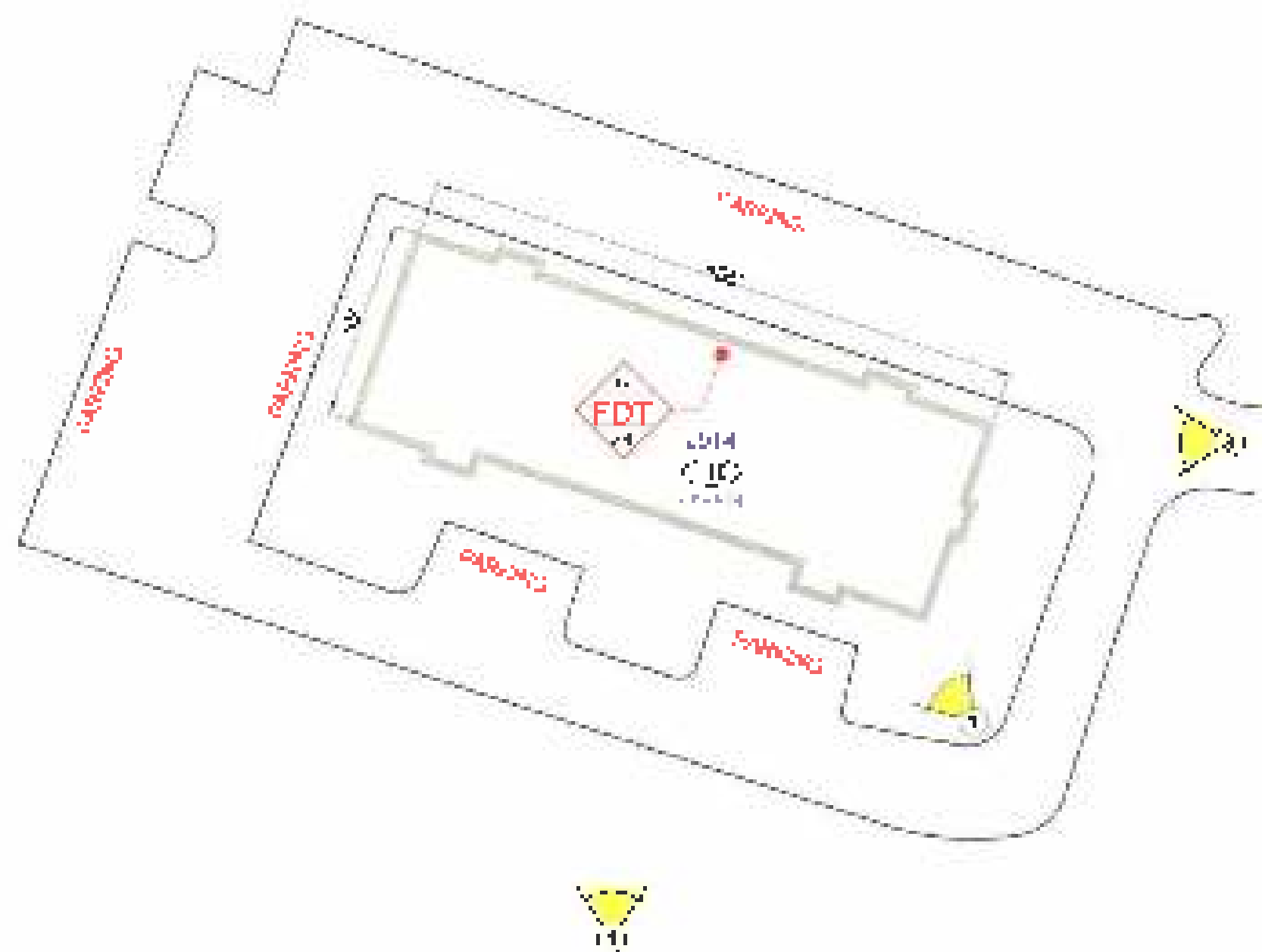
PICTURE 1



PICTURE 2



PICTURE 3



LEGEND OF SYMBOLS AND LINES

	VEGETATION	
	FIRE DETECTOR	
	3	
	LW	
	10	
	1	
	WARNING	

REFERENCES

BY	DESCRIPTION	DATE

PROJECT INFORMATION

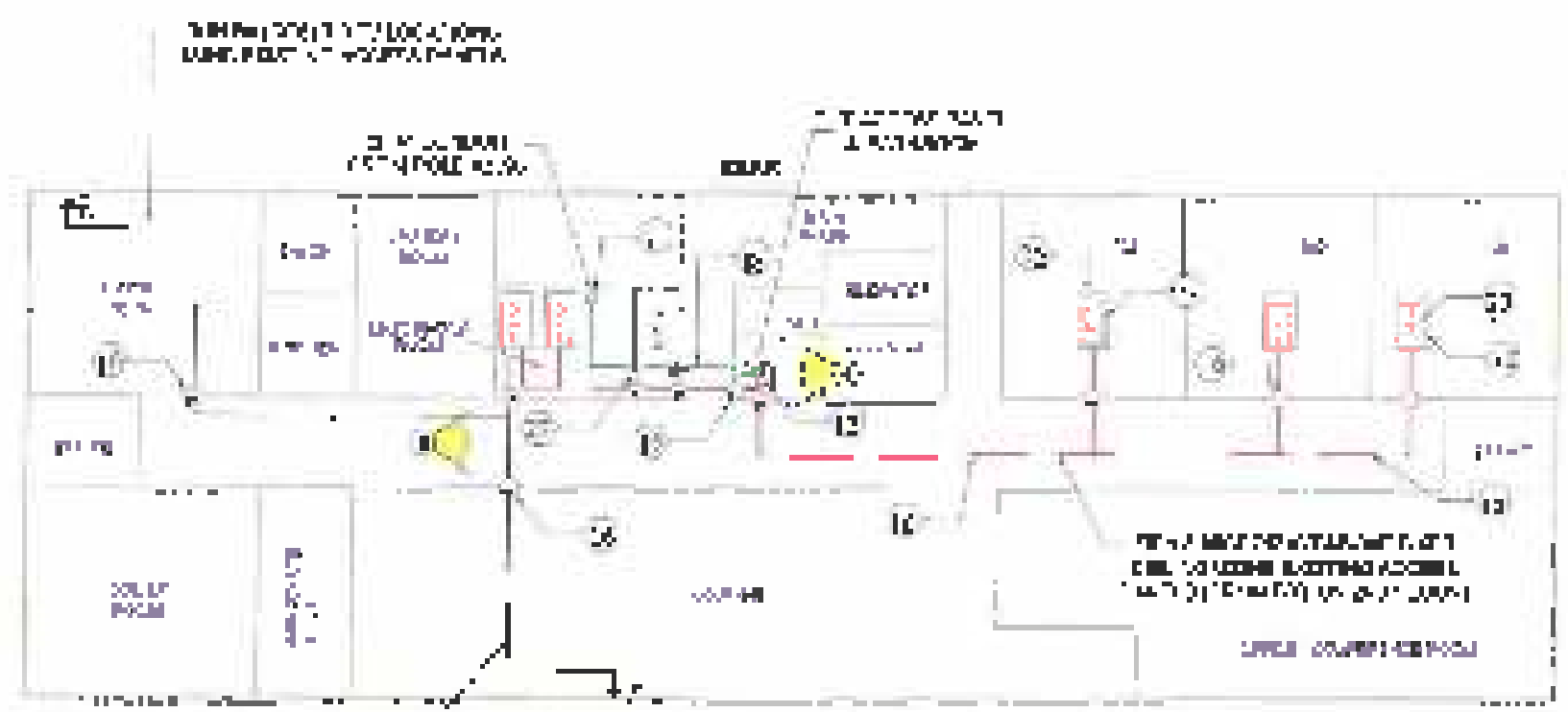
PROJECT	INT-BMT	DATE
CLIENT	STATE OF CALIFORNIA - COUNTY OF BUTTE	10/1
NO.	2014-001	2
DATE	10/1/14	2
PROJECT	REPAIRS TO EXISTING	10/1/14
DATE	10/1/14	02
PROJECT	CONSTRUCTION	

SCALE	AS SHOWN
DATE	10/1/14
BY	STATE OF CALIFORNIA
FOR	STATE OF CALIFORNIA
PROJECT	CONSTRUCTION





LEGEND OF SYMBOLS AND ABBREVIATIONS



1ST FLOOR PLAN



PICTURE 4



PICTURE 5

CONSTRUCTION NOTES

- 1. ALL WORK SHALL BE IN ACCORDANCE WITH THE CITY OF CHICAGO CODES AND ORDINANCES.
- 2. ALL WORK SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE ALARM CODE (NFPA).
- 3. ALL WORK SHALL BE IN ACCORDANCE WITH THE CITY OF CHICAGO DEPARTMENT OF PUBLIC WORKS (DPW) SPECIFICATIONS.
- 4. ALL WORK SHALL BE IN ACCORDANCE WITH THE CITY OF CHICAGO DEPARTMENT OF PUBLIC WORKS (DPW) SPECIFICATIONS.
- 5. ALL WORK SHALL BE IN ACCORDANCE WITH THE CITY OF CHICAGO DEPARTMENT OF PUBLIC WORKS (DPW) SPECIFICATIONS.
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REVISIONS

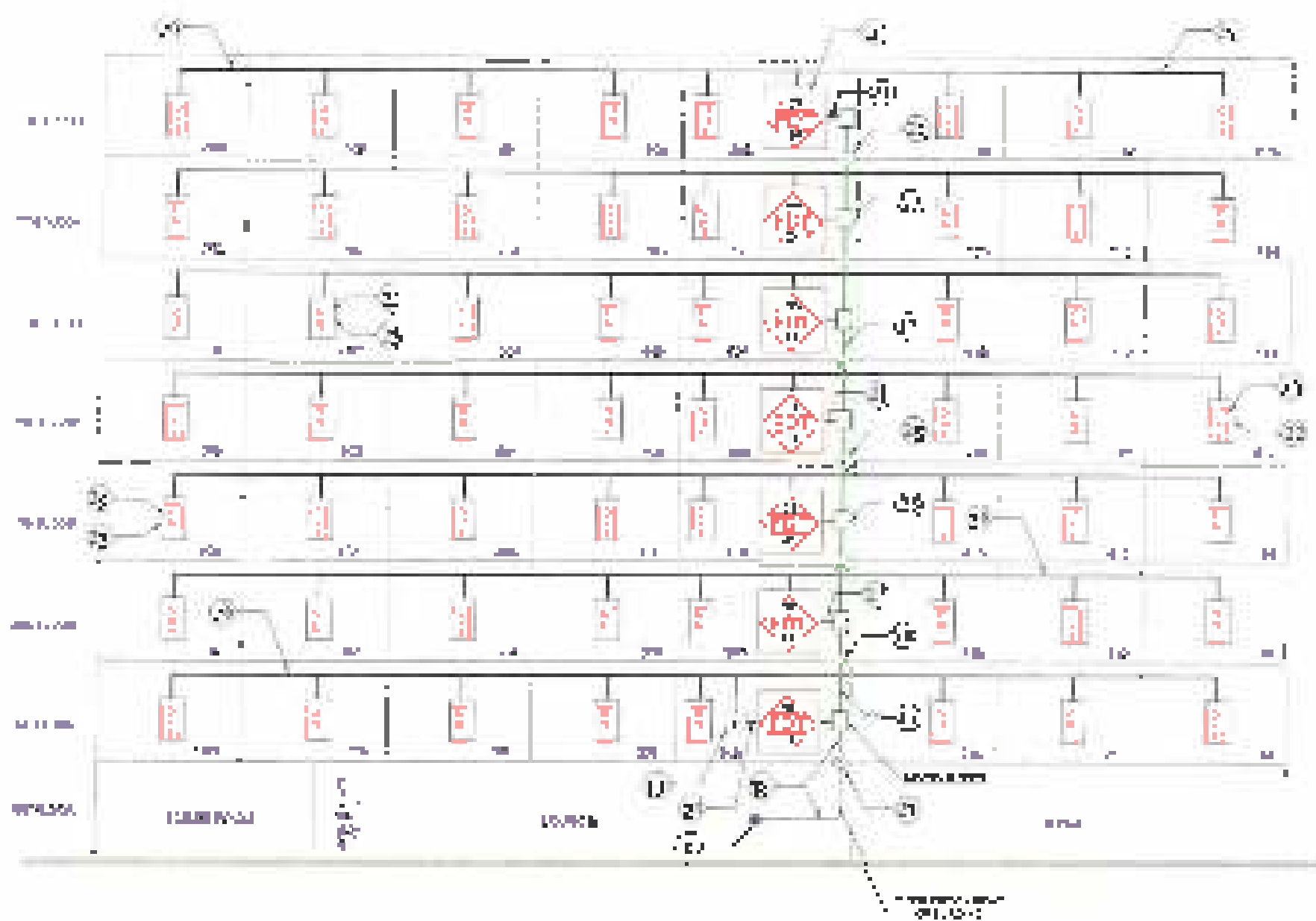
NO.	DATE	DESCRIPTION
1	01/15/2023	ISSUED FOR PERMIT
2	01/20/2023	REVISIONS TO ELECTRICAL SYMBOLS
3	01/25/2023	REVISIONS TO MECHANICAL SYMBOLS
4	02/01/2023	REVISIONS TO PLUMBING SYMBOLS
5	02/05/2023	REVISIONS TO HVAC SYMBOLS
6	02/10/2023	REVISIONS TO FINISH SYMBOLS
7	02/15/2023	REVISIONS TO STRUCTURE SYMBOLS
8	02/20/2023	REVISIONS TO ELEVATION SYMBOLS
9	02/25/2023	REVISIONS TO SECTION SYMBOLS
10	03/01/2023	REVISIONS TO DETAIL SYMBOLS

- 1. ALL WORK SHALL BE IN ACCORDANCE WITH THE CITY OF CHICAGO DEPARTMENT OF PUBLIC WORKS (DPW) SPECIFICATIONS.
- 2. ALL WORK SHALL BE IN ACCORDANCE WITH THE CITY OF CHICAGO DEPARTMENT OF PUBLIC WORKS (DPW) SPECIFICATIONS.
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- 10. ALL WORK SHALL BE IN ACCORDANCE WITH THE CITY OF CHICAGO DEPARTMENT OF PUBLIC WORKS (DPW) SPECIFICATIONS.

PROJECT INFORMATION

PROJECT NO.	000001
CLIENT NAME OR AGENCY	ICF
PROJECT NAME	3
PROJECT ADDRESS	1
PROJECT PHONE	408-711
PROJECT FAX	03
PROJECT EMAIL	

1000 N. LAKE ST. CHICAGO, IL 60610



FRONT RISER DIAGRAM

CONTRACTOR NOTES

1. ALL WORK TO BE IN ACCORDANCE WITH THE CITY OF CHICAGO AND ILLINOIS CODES AND REGULATIONS.

2. ALL WORK TO BE IN ACCORDANCE WITH THE CITY OF CHICAGO AND ILLINOIS CODES AND REGULATIONS.

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TITLED TITLE

1. ALL WORK TO BE IN ACCORDANCE WITH THE CITY OF CHICAGO AND ILLINOIS CODES AND REGULATIONS.

2. ALL WORK TO BE IN ACCORDANCE WITH THE CITY OF CHICAGO AND ILLINOIS CODES AND REGULATIONS.

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5. ALL WORK TO BE IN ACCORDANCE WITH THE CITY OF CHICAGO AND ILLINOIS CODES AND REGULATIONS.

NO.	DESCRIPTION	QUANTITY
1
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1. ALL WORK TO BE IN ACCORDANCE WITH THE CITY OF CHICAGO AND ILLINOIS CODES AND REGULATIONS.

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LEGEND FOR SYMBOLS AND UNITS

REVISIONS

NO.	DESCRIPTION	DATE
1
2
3
4
5

PROJECT INFORMATION

PROJECT NO.	...
DATE	...
PROJECT NAME	...
PROJECT ADDRESS	...
PROJECT CITY	...
PROJECT STATE	...
PROJECT ZIP	...
PROJECT PHONE	...
PROJECT FAX	...
PROJECT EMAIL	...
PROJECT WEBSITE	...
PROJECT TOTAL	05

1. ALL WORK TO BE IN ACCORDANCE WITH THE CITY OF CHICAGO AND ILLINOIS CODES AND REGULATIONS.

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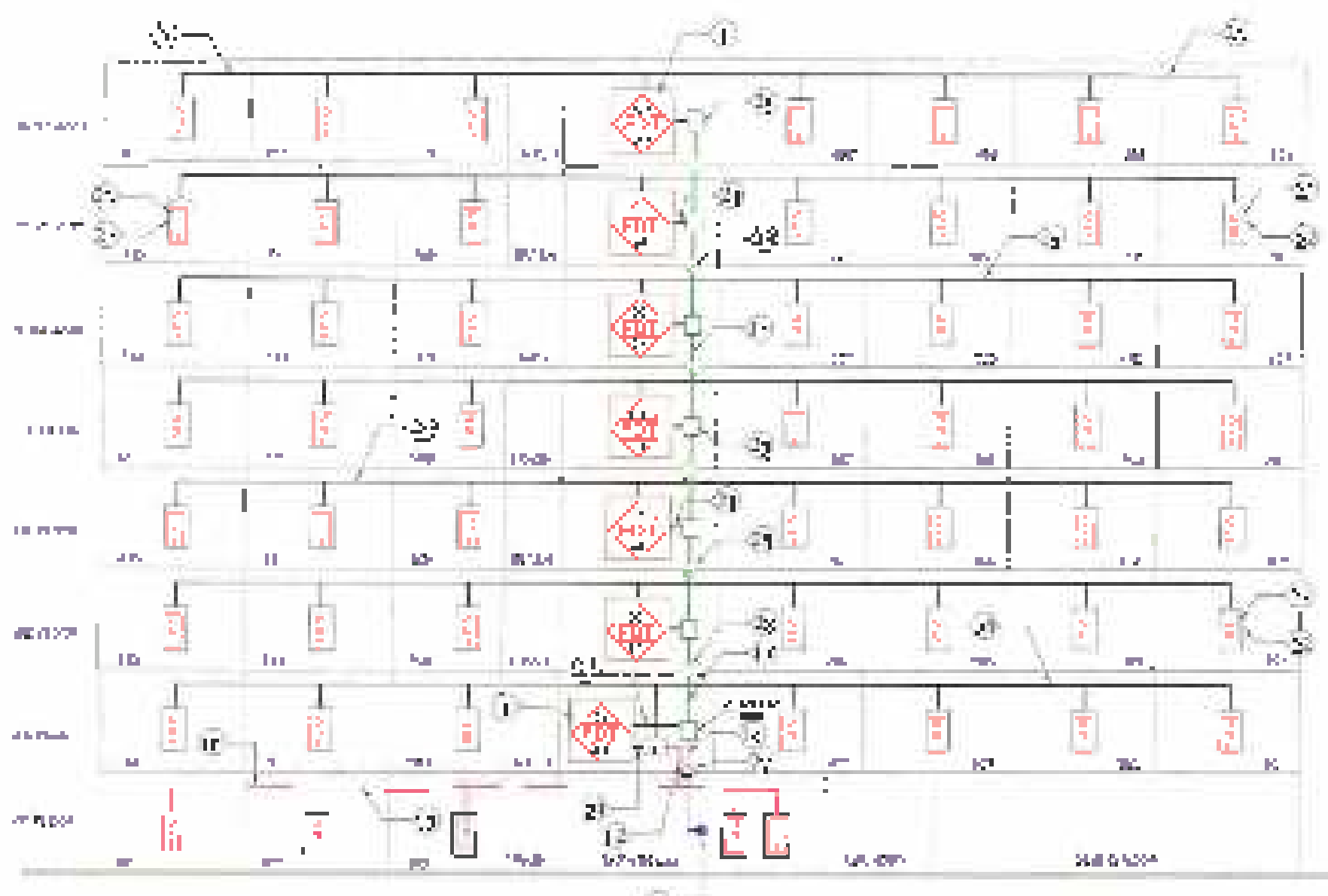
7. ALL WORK TO BE IN ACCORDANCE WITH THE CITY OF CHICAGO AND ILLINOIS CODES AND REGULATIONS.

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9. ALL WORK TO BE IN ACCORDANCE WITH THE CITY OF CHICAGO AND ILLINOIS CODES AND REGULATIONS.

10. ALL WORK TO BE IN ACCORDANCE WITH THE CITY OF CHICAGO AND ILLINOIS CODES AND REGULATIONS.





REAR FIBER DIAGRAM

DESCRIPTION

1. This diagram shows the rear fiber connections for the equipment rack. It details the routing of fibers from the patch panels to the optical splitters and back to the patch panels. The fibers are color-coded and labeled according to the legend.

2. The diagram is organized into horizontal rows, each representing a different fiber optic line or bundle. Each row contains a series of patch panels and splitters, with fibers connecting them in a structured manner.

3. The central vertical column contains optical splitters that divide the fibers into multiple paths. The fibers are labeled with their respective bundle numbers and colors.

4. The diagram includes a legend for the fiber colors and bundle numbers, which is used to identify the fibers throughout the diagram.

5. The diagram is a technical drawing that provides a clear and concise representation of the fiber optic network. It is used for troubleshooting, maintenance, and documentation purposes.

Legend

1. Fiber Bundle 1 (Red)

2. Fiber Bundle 2 (Blue)

3. Fiber Bundle 3 (Green)

4. Fiber Bundle 4 (Yellow)

5. Fiber Bundle 5 (Purple)

Bundle	Color
1	Red
2	Blue
3	Green
4	Yellow
5	Purple

1. This diagram shows the rear fiber connections for the equipment rack. It details the routing of fibers from the patch panels to the optical splitters and back to the patch panels. The fibers are color-coded and labeled according to the legend.



Legend of Symbols and Lines

	Green Arrow	Indicates the direction of fiber flow.
	Red House	Indicates a fiber bundle connection point.
	Red Line	Indicates a fiber bundle connection.
	Blue Line	Indicates a fiber bundle connection.
	Green Line	Indicates a fiber bundle connection.
	Yellow Line	Indicates a fiber bundle connection.
	Purple Line	Indicates a fiber bundle connection.

Legend of Lines

	Red Line	Indicates a fiber bundle connection.
	Blue Line	Indicates a fiber bundle connection.
	Green Line	Indicates a fiber bundle connection.
	Yellow Line	Indicates a fiber bundle connection.
	Purple Line	Indicates a fiber bundle connection.

Legend of Symbols and Lines

	Red Arrow	Indicates the direction of fiber flow.
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	Yellow Line	Indicates a fiber bundle connection.
	Purple Line	Indicates a fiber bundle connection.

1. This diagram shows the rear fiber connections for the equipment rack. It details the routing of fibers from the patch panels to the optical splitters and back to the patch panels. The fibers are color-coded and labeled according to the legend.

2. The diagram is organized into horizontal rows, each representing a different fiber optic line or bundle. Each row contains a series of patch panels and splitters, with fibers connecting them in a structured manner.

3. The central vertical column contains optical splitters that divide the fibers into multiple paths. The fibers are labeled with their respective bundle numbers and colors.

4. The diagram includes a legend for the fiber colors and bundle numbers, which is used to identify the fibers throughout the diagram.

5. The diagram is a technical drawing that provides a clear and concise representation of the fiber optic network. It is used for troubleshooting, maintenance, and documentation purposes.

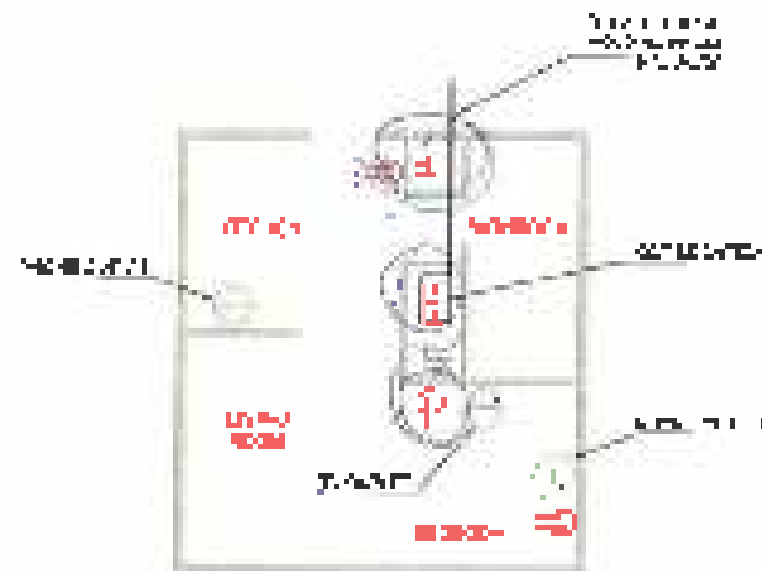
FLOOR PLANS

-  - CNT. SEE CNT CLOSET DETAIL (PAGE 10)
-  = ELECTRICAL & DATA OUTLET
-  = POWER

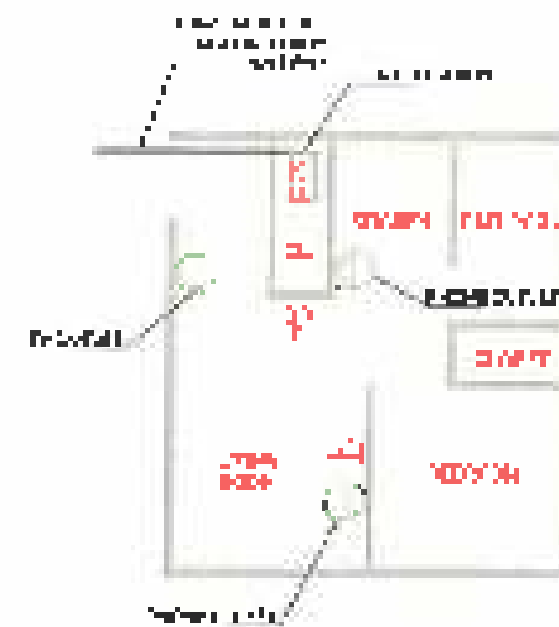
**1 BEDROOM
"07" UNIT**







**1 BEDROOM
EFFICIENCY**



**1 BEDROOM
END UNIT**



LEGEND OF SYMBOLS/VALUES

	1ST FLOOR	
	2ND FLOOR	
	3RD FLOOR	
	4TH FLOOR	
	5TH FLOOR	
	6TH FLOOR	
	7TH FLOOR	
	8TH FLOOR	
	9TH FLOOR	

PART OF UNIT

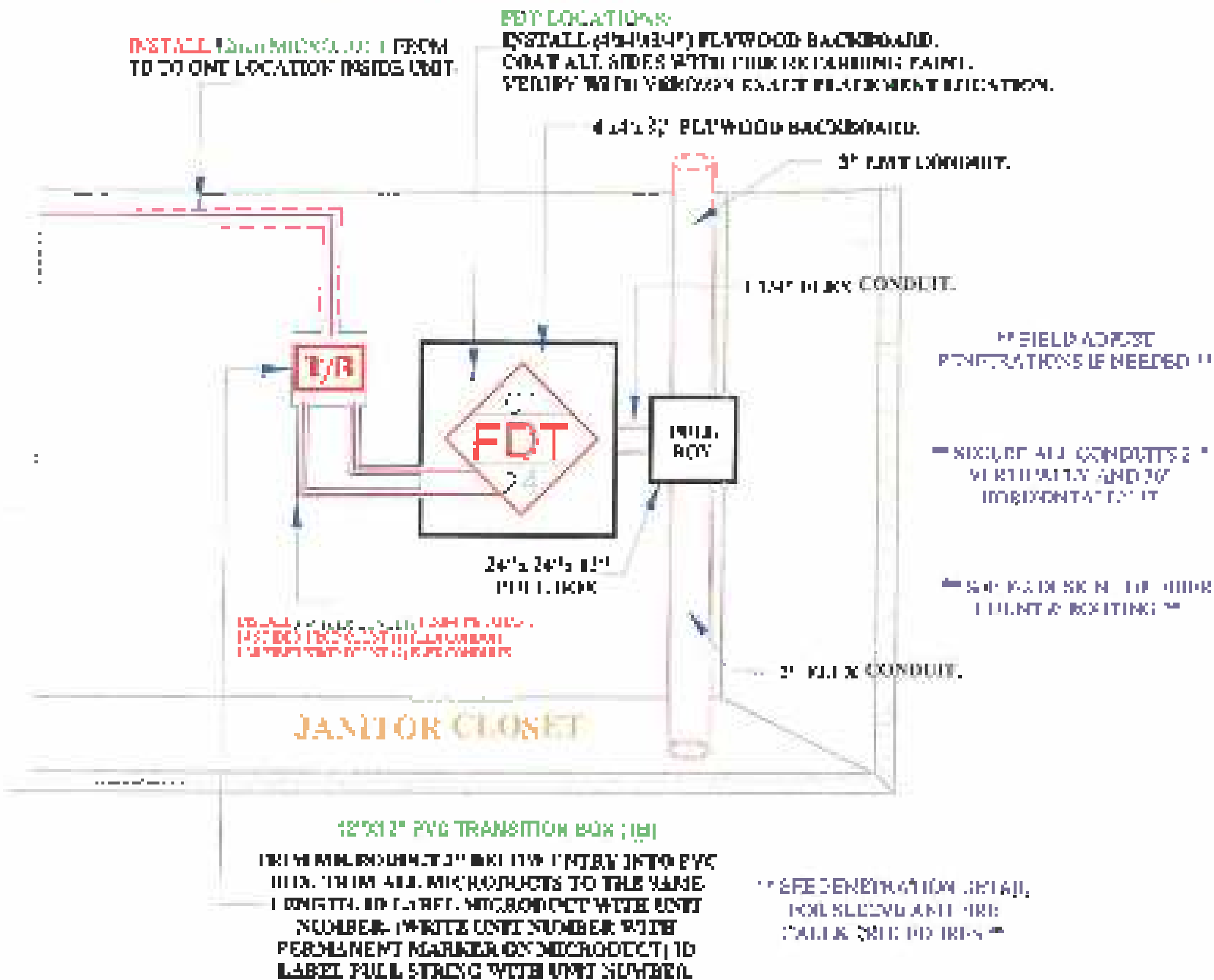
NO.	DESCRIPTION	DATE

PROPERTY INFORMATION

PROPERTY NO.	44888	APARTMENT NO.	102
OFFICE NO.	102	APARTMENT NO.	102
PROJECT NAME	102	APARTMENT NO.	102
UNIT NO.	102	APARTMENT NO.	102
PROJECT NAME	102	APARTMENT NO.	102
PROJECT NAME	102	APARTMENT NO.	102
PROJECT NAME	102	APARTMENT NO.	102
PROJECT NAME	102	APARTMENT NO.	102


 102
 102
 102
 102

FDT LOCATION DETAIL 1 - JANITOR CLOSET ONLY ON 2ND FLOOR



LEGEND OF SYMBOLS AND NOTES

(Symbol)	DESCRIPTION
(Symbol)	DESCRIPTION
(Symbol)	DESCRIPTION
(Symbol)	DESCRIPTION
(Symbol)	DESCRIPTION
(Symbol)	DESCRIPTION
(Symbol)	DESCRIPTION
(Symbol)	DESCRIPTION
(Symbol)	DESCRIPTION
(Symbol)	DESCRIPTION
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(Symbol)	DESCRIPTION
(Symbol)	DESCRIPTION
(Symbol)	DESCRIPTION
(Symbol)	DESCRIPTION

WORKSHEET

NO.	DESCRIPTION	DATE

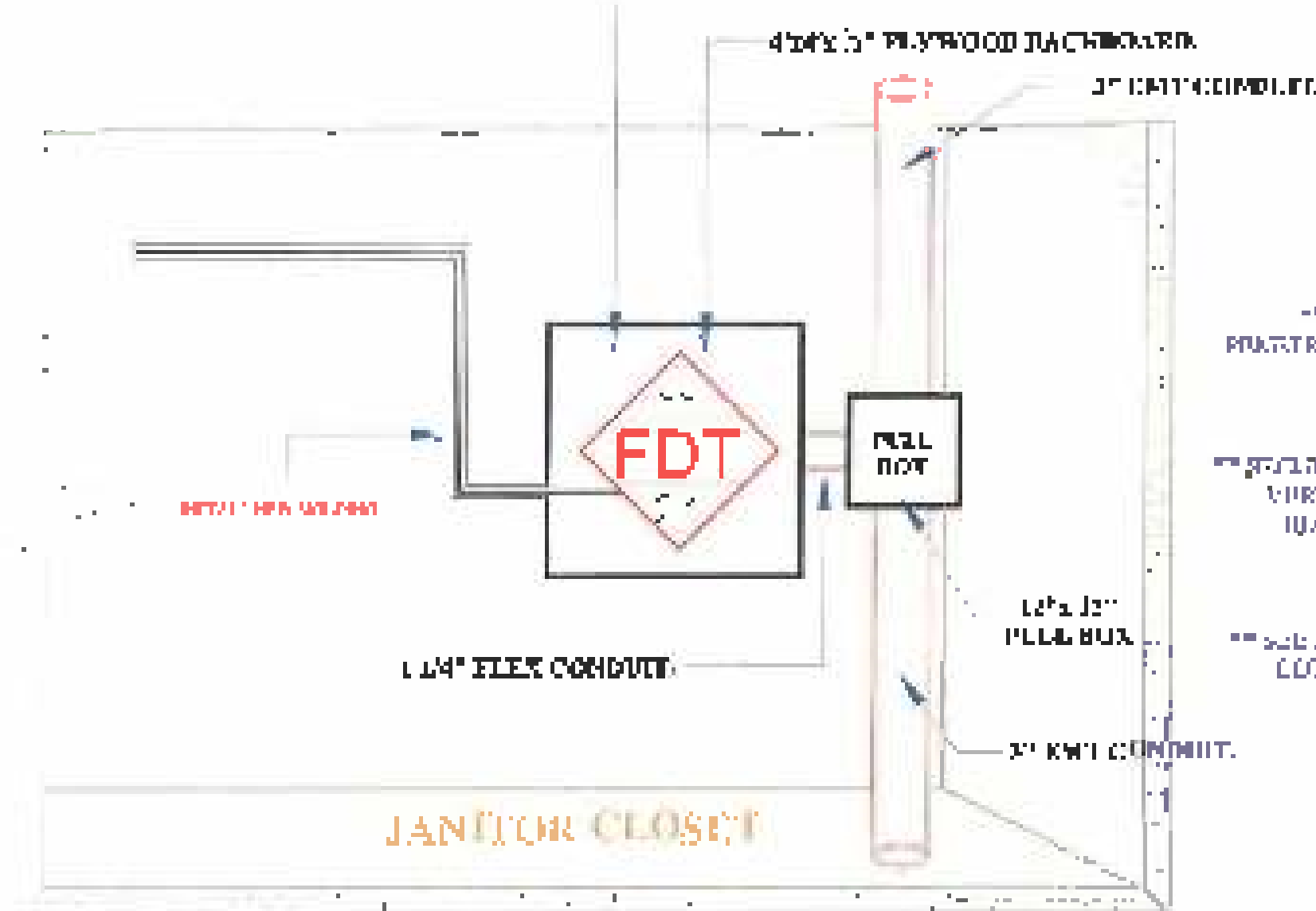
PRODUCT INFORMATION

MODEL	DATE	VERSION
MODEL	DATE	VERSION
MODEL	DATE	VERSION
MODEL	DATE	VERSION
MODEL	DATE	VERSION
MODEL	DATE	VERSION
MODEL	DATE	VERSION
MODEL	DATE	VERSION
MODEL	DATE	VERSION
MODEL	DATE	VERSION
MODEL	DATE	VERSION
MODEL	DATE	VERSION
MODEL	DATE	VERSION



FDT LOCATION DETAIL 2 - JANITOR CLOSET

FDT LOCATIONS.
 INSTALL (OPTIONALLY) IN 2" PLYWOOD BACKBOARD.
 PAINT ALL SIDES WITH FIRE RETARDING PAINT.
 VERIFY WITH VENDOR EXACT PLACEMENT LOCATION.



SEE OTHER SHEET FOR CONNECTIONS AND WIRING

SEE OTHER SHEET FOR CONNECTIONS AND WIRING

SEE OTHER SHEET FOR CONNECTIONS AND WIRING

SEE PENETRATION DETAIL FOR SLEEVES AND FIRE CURTAIN PROCEDURES



LEGEND SYMBOLS AND UNITS

	4' x 8' PLYWOOD BACKBOARD
	2" EMT CONDUIT
	1 1/2" x 1 1/2" PULL BOX
	3" EMT CONDUIT
	1/2" FLEX CONDUIT
	FDT
	PULL BOX
	2" EMT CONDUIT
	1 1/2" x 1 1/2" PULL BOX
	3" EMT CONDUIT
	1/2" FLEX CONDUIT
	FIRE RETARDANT PAINT
	FIRE RETARDANT PAINT
	FIRE RETARDANT PAINT

REVISIONS

NO.	DESCRIPTION	DATE

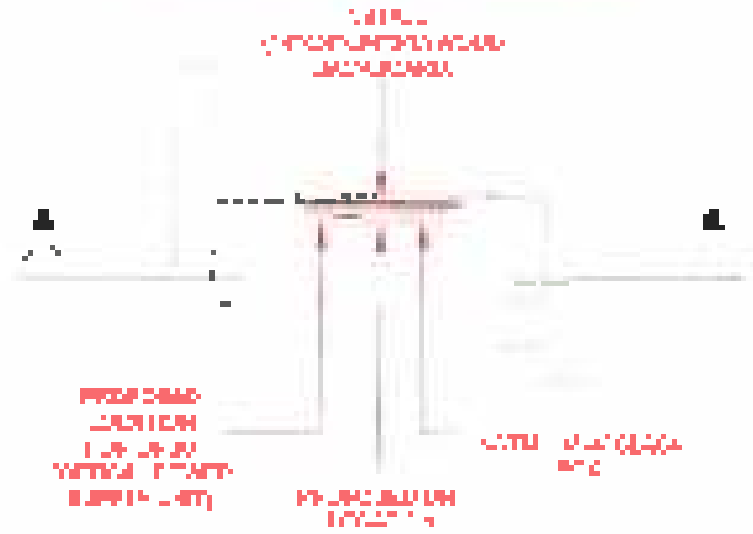
PROJECT INFORMATION

PROJECT NO.	10000000000000000000
DATE	09/01/2010
PROJECT NAME	VERIZON WIRELESS
PROJECT NO.	10000000000000000000
DATE	09/01/2010
PROJECT NAME	VERIZON WIRELESS
PROJECT NO.	10000000000000000000
DATE	09/01/2010
PROJECT NAME	VERIZON WIRELESS
PROJECT NO.	10000000000000000000
DATE	09/01/2010
PROJECT NAME	VERIZON WIRELESS

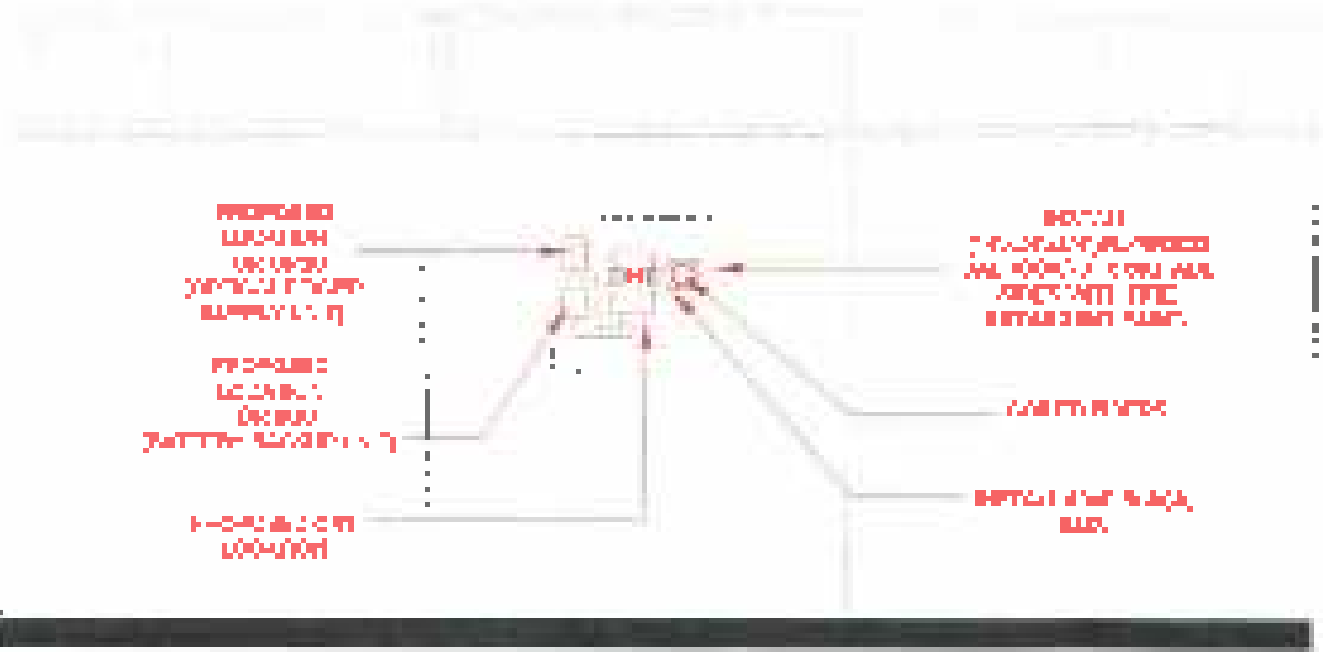
DATE	09/01/2010
PROJECT NO.	10000000000000000000
DATE	09/01/2010
PROJECT NO.	10000000000000000000
DATE	09/01/2010
PROJECT NO.	10000000000000000000
DATE	09/01/2010
PROJECT NO.	10000000000000000000
DATE	09/01/2010
PROJECT NO.	10000000000000000000



ONT CLOSET DETAIL



DETAIL PLAN VIEW



SECTION A-A

NOTICE: 1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF CHICAGO AND ILLINOIS CODES.
 2. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF CHICAGO AND ILLINOIS CODES.



LEGEND OF SYMBOLS AND NOTATION

	ONT	
	CABLE	
	WALL	
	FLOOR	
	CEILING	
	WINDOW	
	DOOR	
	STAIR	
	ELEVATION	

PROJECTIONS

PROJECTION	DESCRIPTION	DATE

PROJECT INFORMATION

PROJECT NAME	DATE	VERSION
CLIENT	DATE	VERSION
PROJECT LOCATION	DATE	VERSION
PROJECT NUMBER	DATE	VERSION
PROJECT STATUS	DATE	VERSION
PROJECT OWNER	DATE	VERSION
PROJECT MANAGER	DATE	VERSION
PROJECT ENGINEER	DATE	VERSION
PROJECT CHECKER	DATE	VERSION
PROJECT APPROVER	DATE	VERSION
PROJECT REVIEWER	DATE	VERSION
PROJECT DESIGNER	DATE	VERSION
PROJECT DRAFTER	DATE	VERSION
PROJECT PLOTTER	DATE	VERSION
PROJECT PRINTED	DATE	VERSION
PROJECT FILED	DATE	VERSION
PROJECT INDEXED	DATE	VERSION
PROJECT RELEASED	DATE	VERSION
PROJECT REVISED	DATE	VERSION
PROJECT CLOSED	DATE	VERSION





1 FLOOR OF FINISH FLOORING ON LEAD

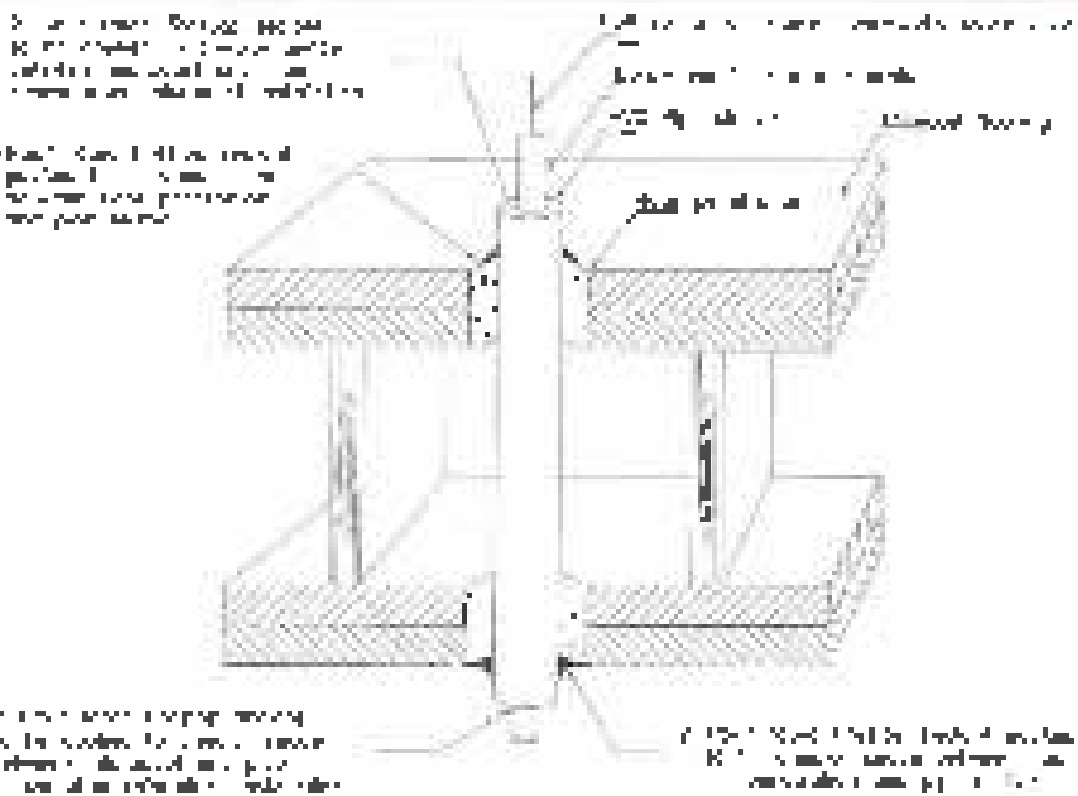
	CONCRETE	CONCRETE
	CONCRETE	CONCRETE
	CONCRETE	CONCRETE
	CONCRETE	CONCRETE
	CONCRETE	CONCRETE
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	CONCRETE	CONCRETE

REMARKS

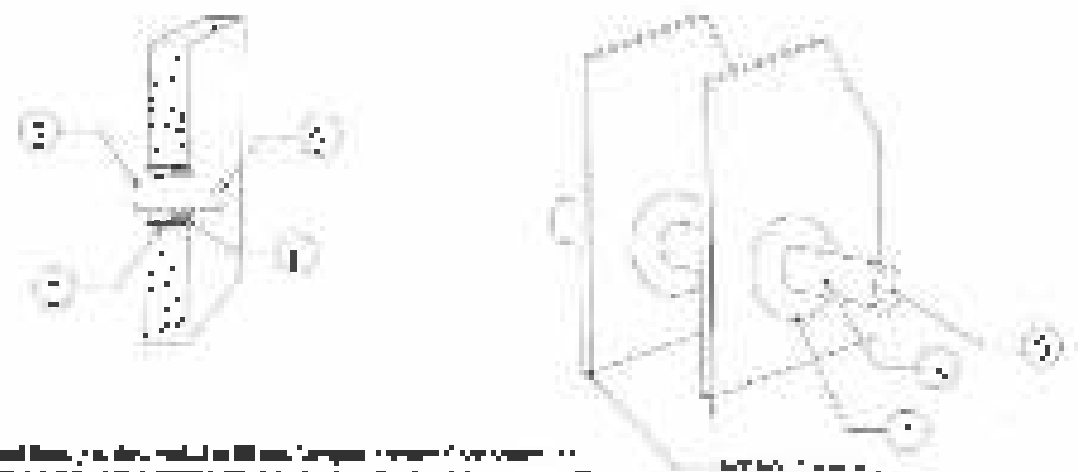
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PROJECT INFORMATION

PROJECT NO.	
PHASE NAME	

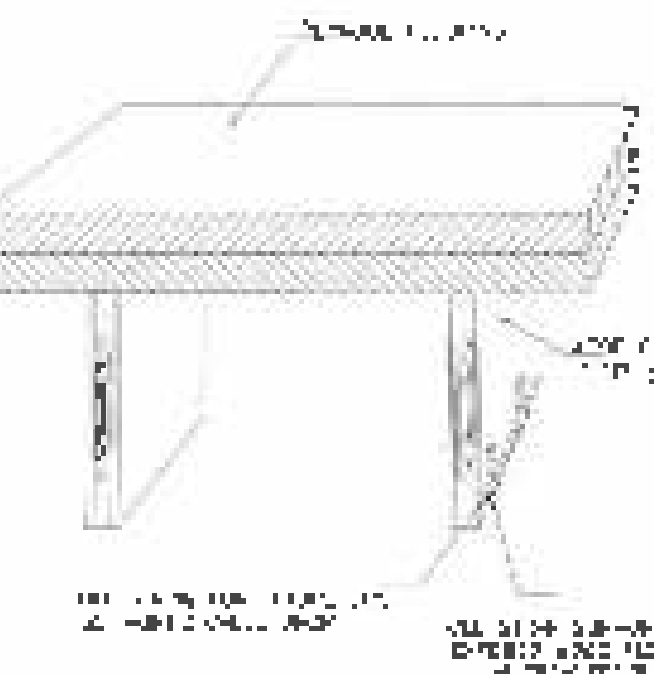


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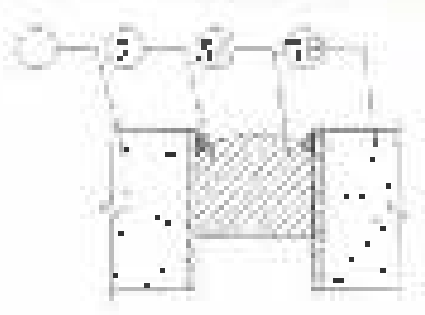


- 1. Detail of concrete wall and floor slab showing rebar placement.
- 2. Detail of concrete wall and floor slab showing rebar placement.
- 3. Detail of concrete wall and floor slab showing rebar placement.
- 4. Detail of concrete wall and floor slab showing rebar placement.

2 CONCRETE WALL AND FLOOR PENETRATION DETAIL

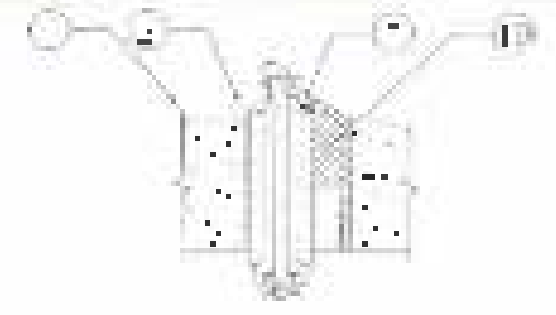


3 HOLE STEEL SUPPORT DETAIL



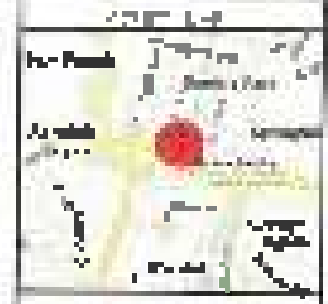
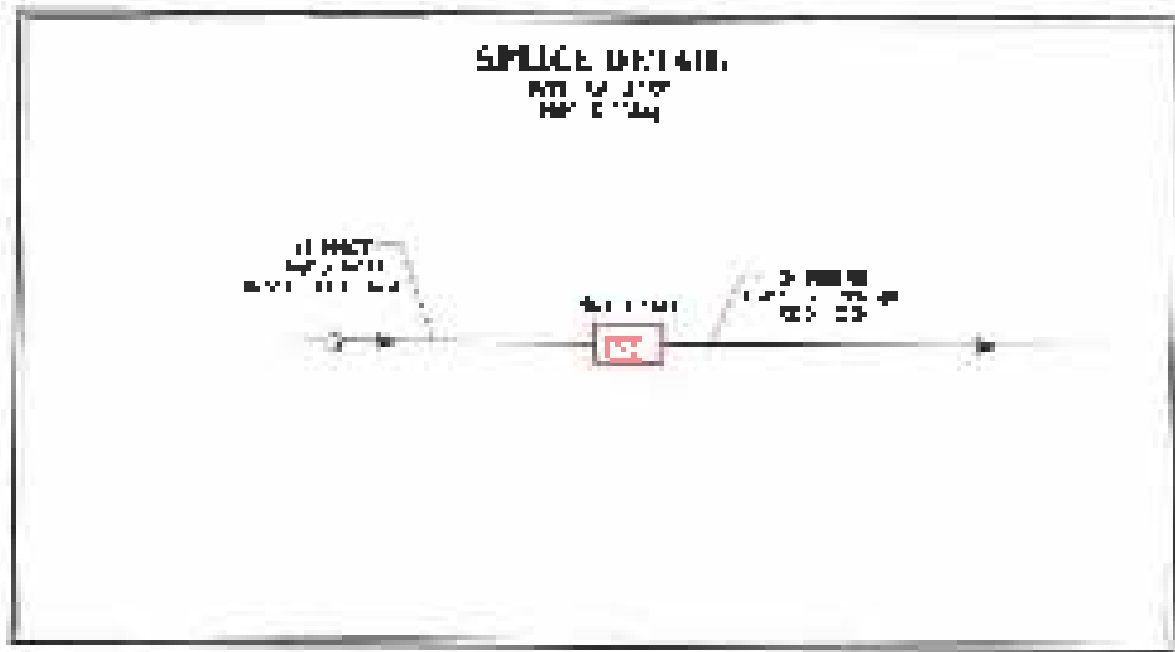
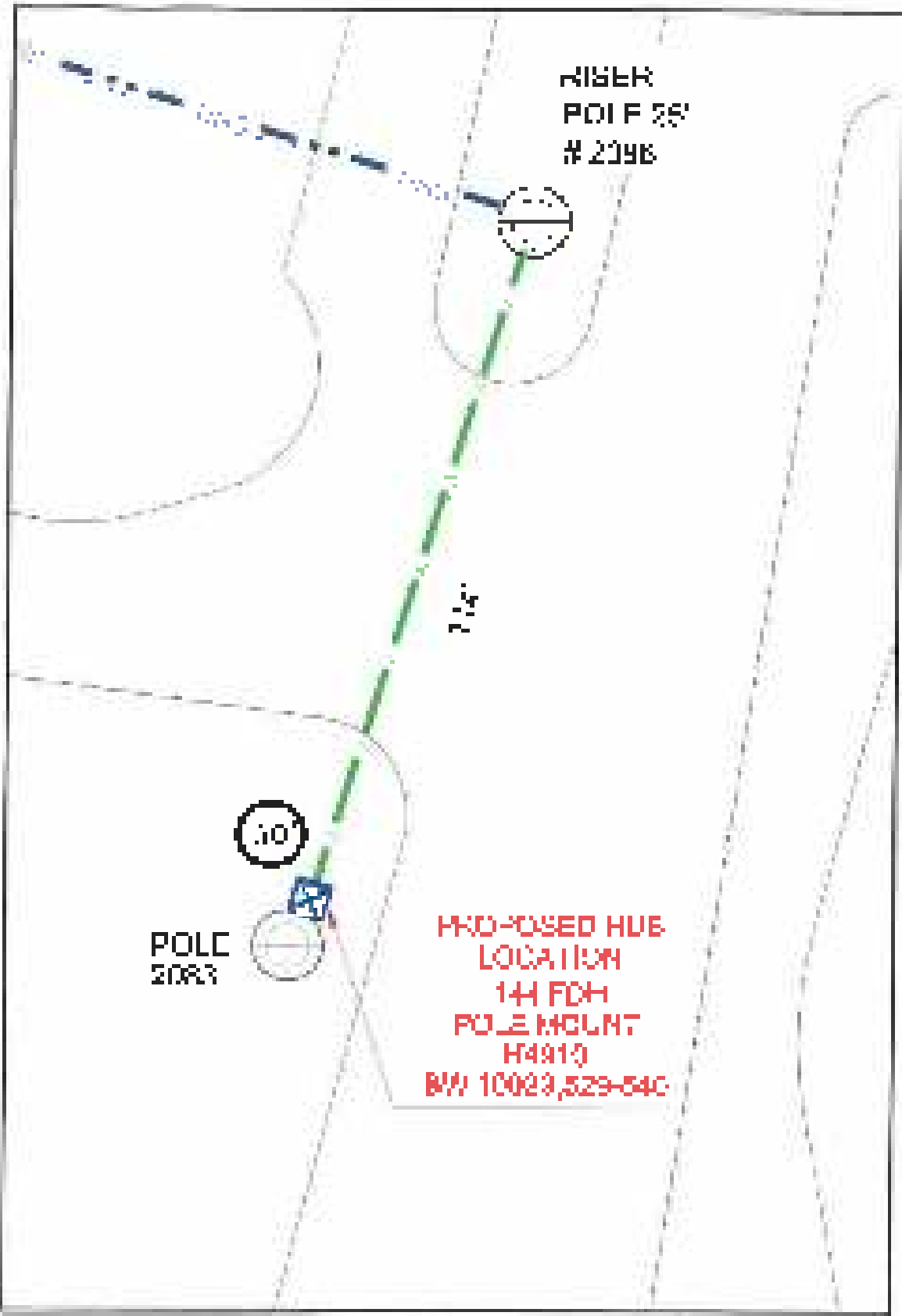
- 1. Detail of concrete wall and floor slab showing rebar placement.
- 2. Detail of concrete wall and floor slab showing rebar placement.
- 3. Detail of concrete wall and floor slab showing rebar placement.
- 4. Detail of concrete wall and floor slab showing rebar placement.

4 FLOOR OF FINISH FLOORING ON LEAD



- 1. Detail of concrete wall and floor slab showing rebar placement.
- 2. Detail of concrete wall and floor slab showing rebar placement.
- 3. Detail of concrete wall and floor slab showing rebar placement.
- 4. Detail of concrete wall and floor slab showing rebar placement.

5 FLOOR OF FINISH FLOORING ON LEAD



TYPE	QUANTITY	UNIT	DESCRIPTION
POLE	1		
WIRE	100		
SPlice	1		

ITEM	DESCRIPTION	QUANTITY
1	14 FOM POLE MOUNT H4913	1
2	14 FOM POLE MOUNT H4913	1
3	14 FOM POLE MOUNT H4913	1
4	14 FOM POLE MOUNT H4913	1

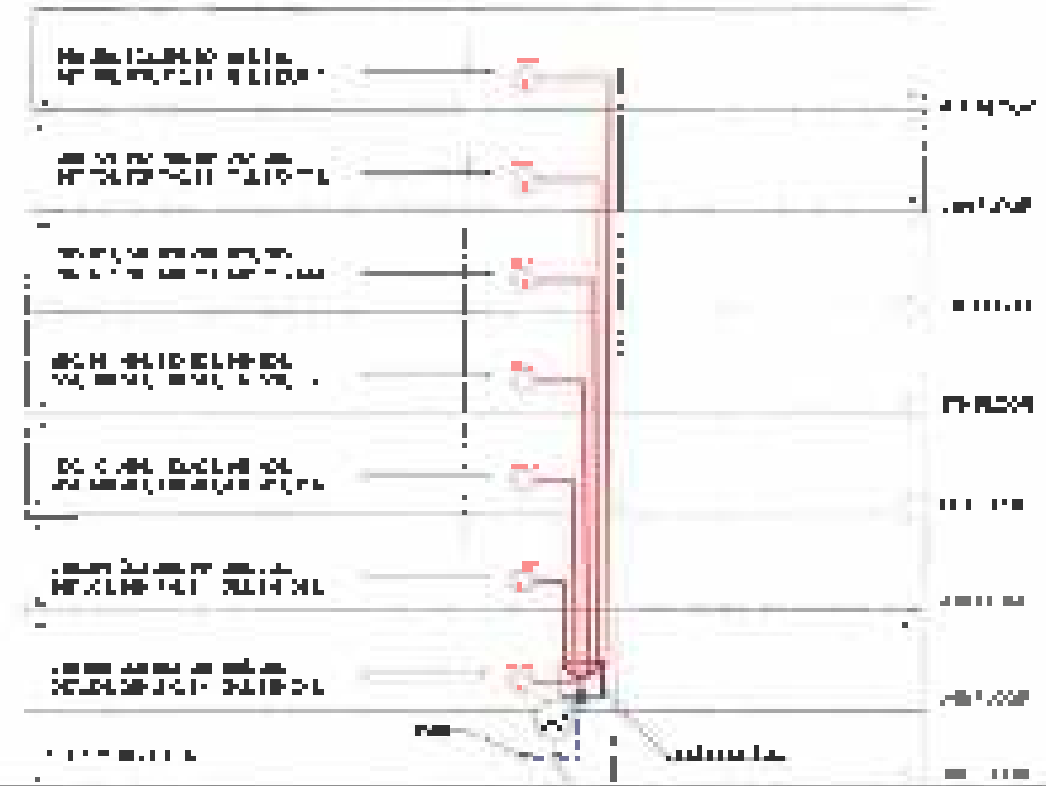
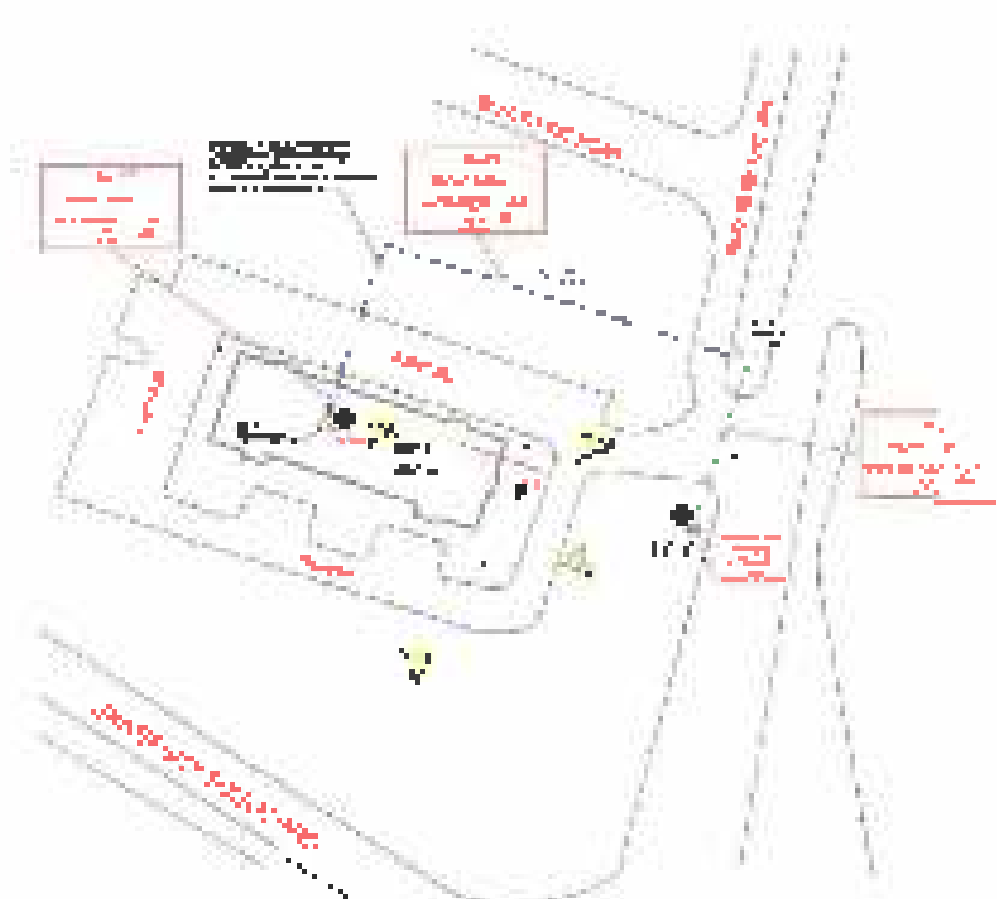
CLIENT GENERATOR

RISER POLE # 2096
RISER POLE # 2083

Project: [Blank]
 Location: [Blank]
 Date: [Blank]
 Drawn by: [Blank]
 Checked by: [Blank]
 Approved by: [Blank]

Project Manager: [Blank]
 Client: [Blank]

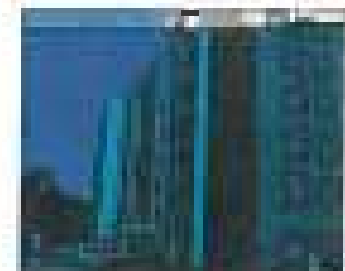
NO.	DESCRIPTION	STATUS
1	POLE MOUNT	
2	WIRE	
3	SPlice	



SECTION A



PICTURE 1



PICTURE 2



PICTURE 3



PICTURE 4

Material	Manufacturer
CONCRETE	CONCRETE
INSULATION	INSULATION
GYPSUM BOARD	GYPSUM BOARD

VERIZON

PROJECT INFORMATION

OWNER: [Redacted]

DATE: [Redacted]

DESCRIPTION: [Redacted]

SCOPE OF WORK: [Redacted]

REVISIONS:

NO.	DESCRIPTION	DATE

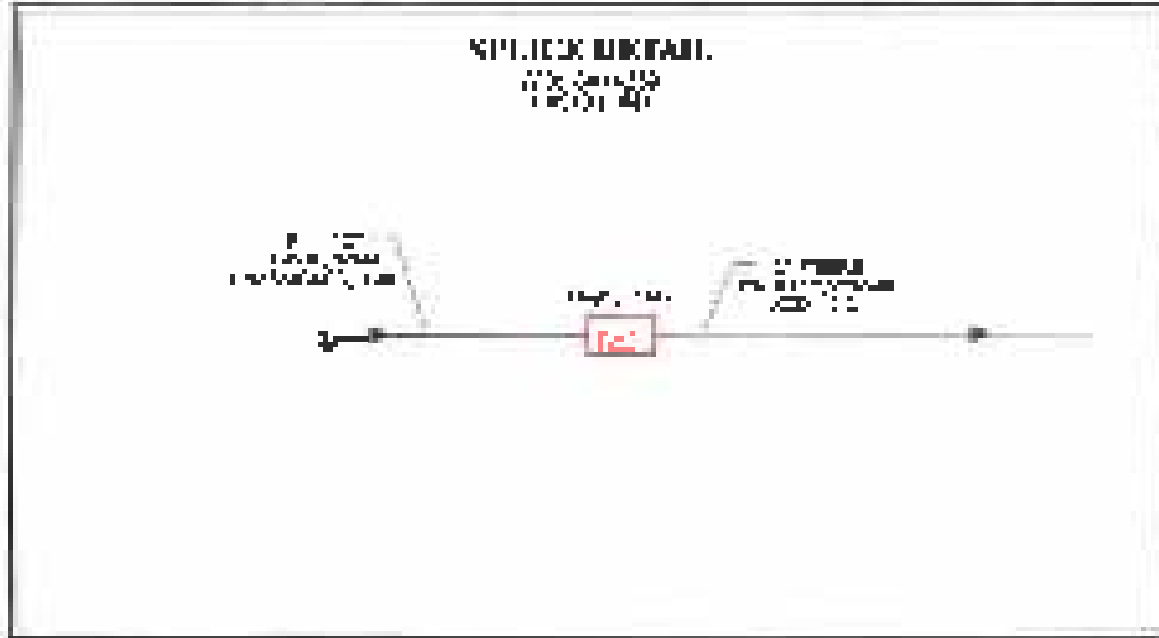
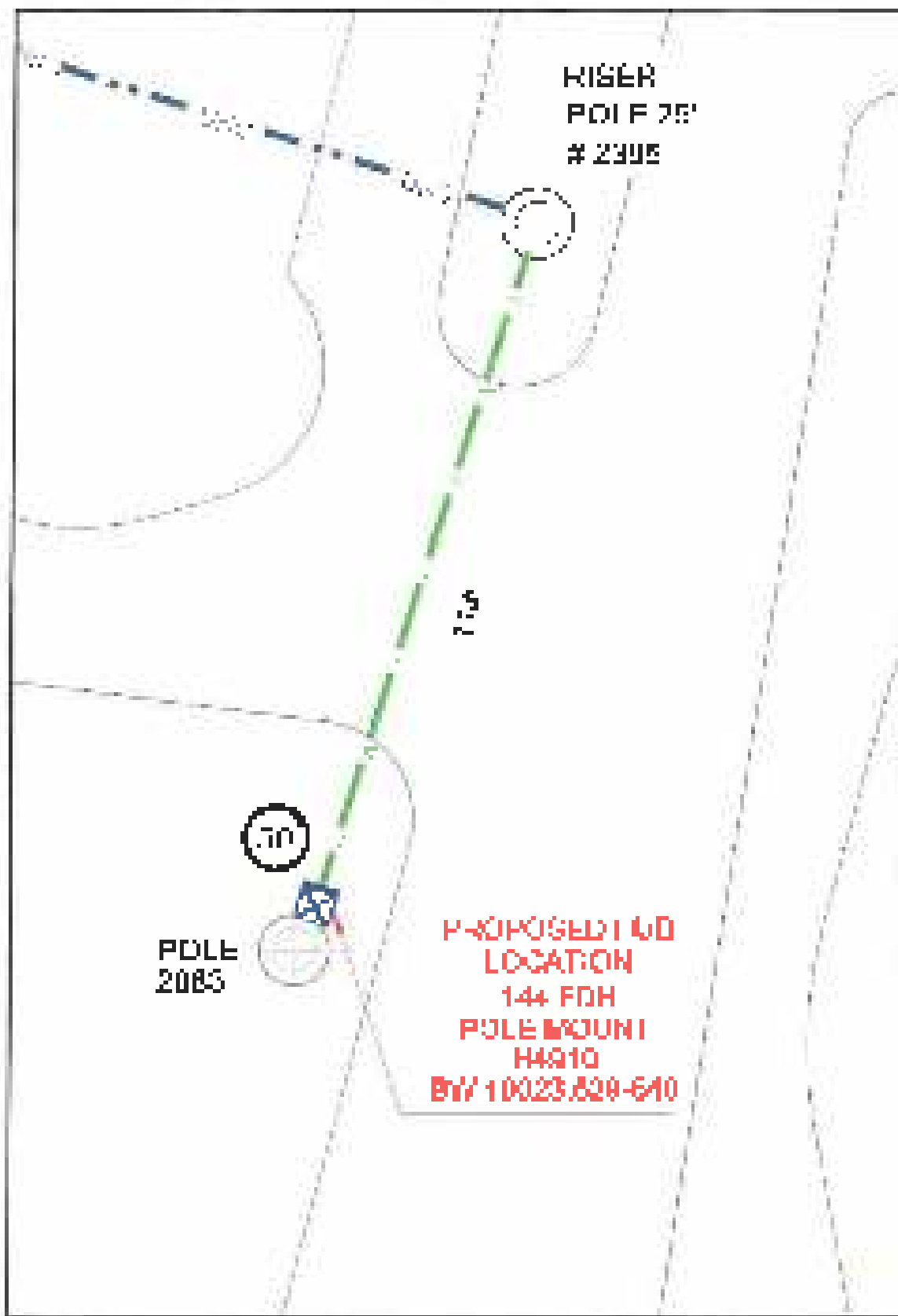
LOGS:

NO.	DESCRIPTION	DATE

APPROVALS:

NAME	TITLE	DATE

VERIZON



DATE							
TIME							

DATE	10/10/10	11/10/10	12/10/10	1/11/11	2/11/11	3/11/11	4/11/11	5/11/11	6/11/11	7/11/11	8/11/11	9/11/11	10/11/11	11/11/11	12/11/11
TIME															



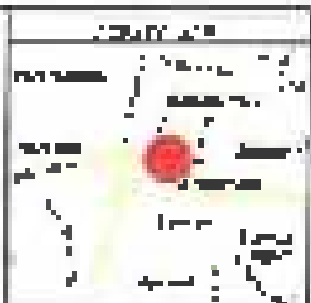
CONSTRUCTION
1/11/11

DATE

TIME

BY

10023 829-610



VERTICAL

CONTRACT

NO. 10023 829-610

DATE

TIME

BY