

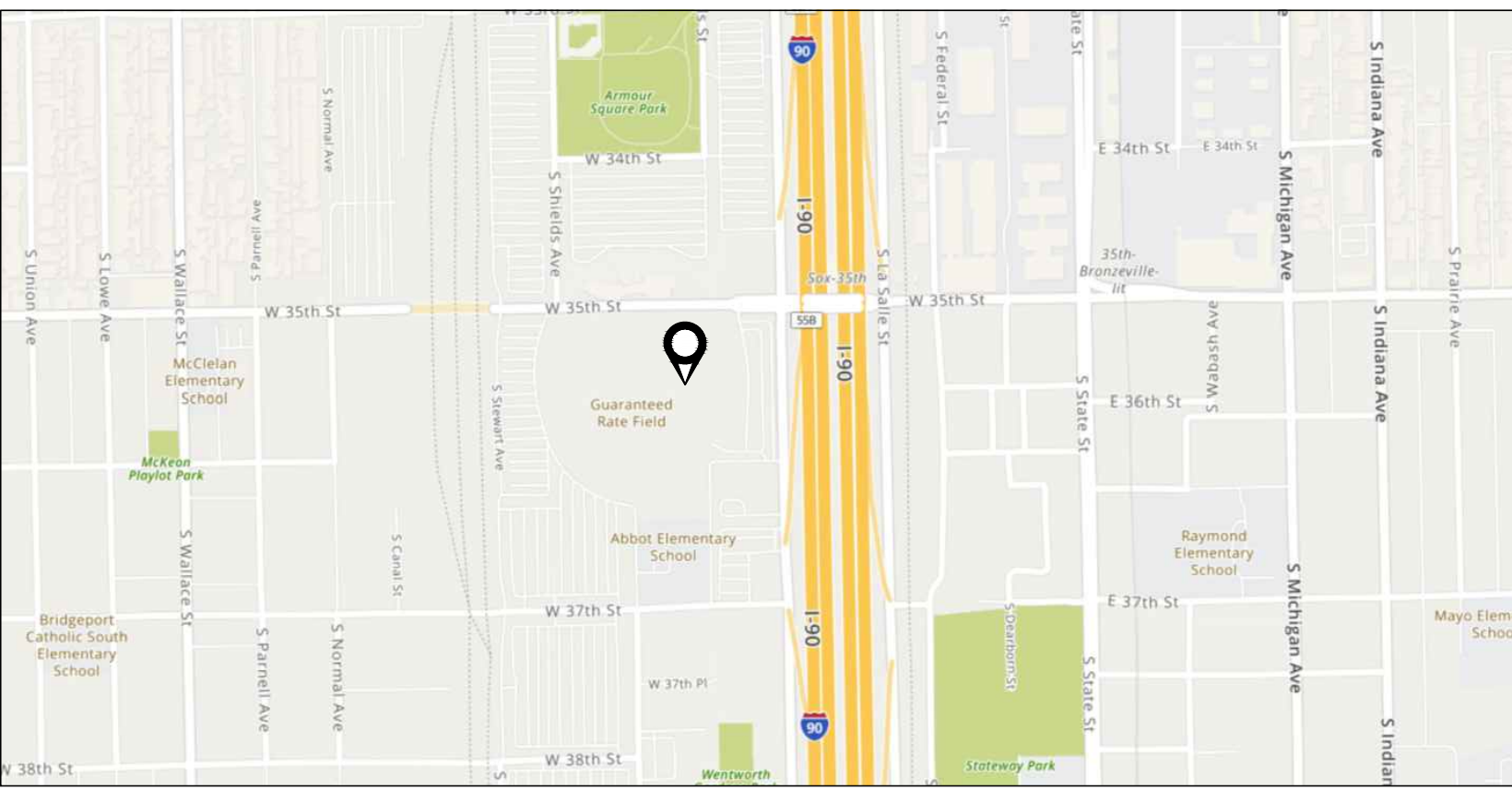
ISFA GUARANTEED RATE FIELD - FY 2024 PLUMBING WORK

333 W 35TH STREET
CHICAGO, IL 60616

ABBREVIATIONS

ACW	AUTOMATIC CLOTHES WASHER	KED	KITCHEN EQUIPMENT DESIGNER
AD	AREA DRAIN	KW	KITCHEN WASTE OR KLOWATT
AFF	ABOVE FINISHED FLOOR	L / LAV	LAVATORY
AMP	AMPERE	LS	LAB SINK
ANB	ACID NEUTRALIZING BASIN	LT	LAUNDRY TUB
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	MB	MOP BASIN
AP	ACCESS PANEL	MC	MECHANICAL CONTRACTOR
ASME	AMERICAN SOCIETY OF MECHANICAL ENGINEERS	MSS	MANUFACTURERS STANDARDIZATION SOCIETY
ASSE	AMERICAN SOCIETY OF SAFETY ENGINEERS	NC	NEW CONNECTION OR NORMALLY CLOSED
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	NIC	NOT IN CONTRACT
AV	ACID/CHEMICAL VENT	NPS	NOMINAL PIPE SIZE
AVTR	ACID/CHEMICAL VENT THRU ROOF	NPW	NON POTABLE WATER
AW	ACID/CHEMICAL WASTE	NO	NORMALLY OPEN
BASC	BUILDING AUTOMATION SYSTEMS CONTRACTOR	NSF	NATIONAL SCIENCE FOUNDATION
BFP	BACKFLOW PREVENTER	NTS	NOT TO SCALE
BOP	BOTTOM OF PIPE	OD	OVERFLOW DRAIN
BT	BATH TUB	OSD	OPEN SITE DRAIN
CA	COMPRESSED AIR	OS&Y	OUTSIDE STEM AND YOKE
CI	CAST IRON	P	PUMP
CISPI	CAST IRON SOIL PIPE INSTITUTE	PA	PIPE ANCHOR
CLG	CILING	PC	PLUMBING CONTRACTOR
CO	CLEANOUT	PD	PUMP DISCHARGE
CONN	CONNECTION	PDI	PLUMBING & DRAINAGE INSTITUTE
COW	DOMESTIC COLD WATER	PE	PROFESSIONAL ENGINEER
DHW	DOMESTIC HOT WATER	PH	PHASE
DHWR	DOMESTIC HOT WATER RETURN	PIV	POST INDICATOR VALVE
DTW	DOMESTIC TEMPERED WATER	PPM	PARTS PER MILLION
DCV	DOUBLE CHECK VALVE	PRV	PRESSURE REDUCING VALVE
DCV	DUAL CHECK VALVE	PS	PLUMBING STACK
DCDA	DOUBLE CHECK DETECTOR ASSEMBLY	PSI	POUNDS PER SQUARE INCH
DDCV	DOUBLE DETECTOR CHECK VALVE	ORD	OVERFLOW ROOF DRAIN
DF	DRINKING FOUNTAIN	ORP	OVERFLOW ROOF DRAIN
DFU	DRAINAGE FIXTURE UNIT	RCP	RECIRCULATION PUMP
DA	DIAMETER	RD	ROOF DRAIN
DN	DOWN	ROB	ROOF HYDRANT
DS	DOWNSPOUT	ROB	REDUCED PRESSURE DETECTOR ASSEMBLY
DSN	DOWNSPOUT NOZZLE	RPA	REDUCED PRESSURE DETECTOR ASSEMBLY
DT	DRAIN TILE	RPM	REVOLUTIONS PER MINUTE
DW	DISHWASHER	RPF	REDUCED PRESSURE ZONE BACKFLOW PREVENTER
DWH	DOMESTIC WATER HEATER	S / SAN	SANITARY WASTE
DWS	DOMESTIC WATER SOFTENER	SC	SITE UTILITY CONTRACTOR
EEW	EMERGENCY EYE AND FACE WASH	SE	SEWAGE EJECTOR
EPDM	ETHYLENE PROPYLENE DIENE MONOMER	SH	SHOWER
ET	EXPANSION TANK	SI	SOLIDS INTERCEPTOR
ESH	EMERGENCY SHOWER	SK	SINK
ESP	ELEVATOR SUMP PUMP	SP	SUMP PUMP
ETR	EXISTING TO REMAIN	SS	SQUARE FEET
EWC	ELECTRIC WATER COOLER	SS	SERVICE SINK
EWI	ELECTRIC WATER HEATER	S/S	STAINLESS STEEL
FCO	FLOOR CLEANOUT	ST	STORM
FFS	FEET PER SECOND	SST	SECONDARY STORM (OVERFLOW)
FS	FLOOR SINK	TS	THRUST BLOCK
FT	FEET	TD	THERMOSTATIC MIXING VALVE
G	NATURAL GAS	TRV	TEMPERATURE AND PRESSURE REDUCING VALVE
GC	GENERAL CONTRACTOR	TYP	TYPICAL
GCO	GROUND CLEANOUT	UR	URINAL
GI	GREASE INTERCEPTOR	VB	VENT
GPD	GALLONS PER DAY	VTR	VENT THRU ROOF
GPH	GALLONS PER HOUR	W	WASTE
GPM	GALLONS PER MINUTE	WC	WATER CLOSET
GT	GREASE TRAP	WCO	WALL CLEANOUT
GW	GARAGE WASTE	WF	WASH FOUNTAIN
HB	HOSE BIBB	WH	WALL HYDRANT
HD	HEAD	WHA	WATER HAMMER ARRESTOR
HP	HORSEPOWER	WSB	WALL SUPPLY BOX
HX	HEAT EXCHANGER	WSFU	WATER SUPPLY FIXTURE UNITS
IE	INVERT ELEVATION	YCO	YARD CLEANOUT
IWB	ICE MACHINE/REFRIGERATOR WALL BOX	YH	YARD HYDRANT
KS	KITCHEN STACK		
KEC	KITCHEN EQUIPMENT CONTRACTOR		

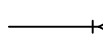
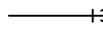
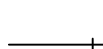
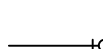
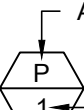
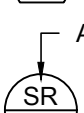
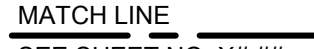
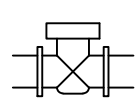
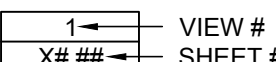
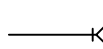
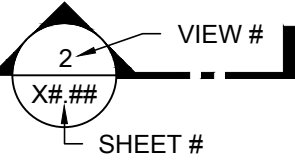
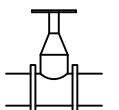
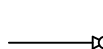
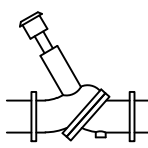
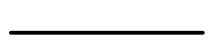
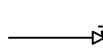
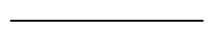
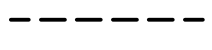
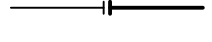
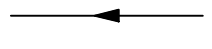
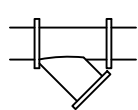
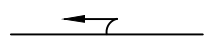
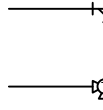
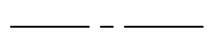
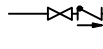
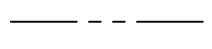
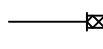
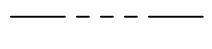
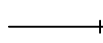
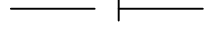
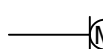
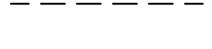
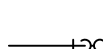
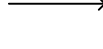
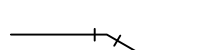
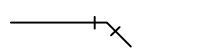
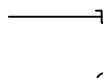
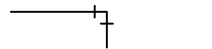
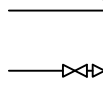
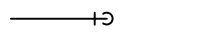
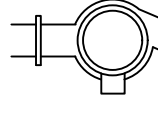
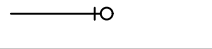
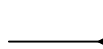
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1 LOCATION MAP
SCALE: NO SCALE

SHEET LIST TABLE

SHEET NUMBER	SHEET TITLE
PLUMBING	
P00.001	PLUMBING TITLESHEET
ELECTRIC WATER HEATER REPLACEMENT	
P01.404	PLUMBING NEW WORK PLAN - LEVEL 400 - SECTION 4
P01.405	PLUMBING NEW WORK PLAN - LEVEL 400 - SECTION 5
P01.406	PLUMBING NEW WORK PLAN - LEVEL 400 - SECTION 6
P01.407	PLUMBING NEW WORK PLAN - LEVEL 400 - SECTION 7
P01.408	PLUMBING NEW WORK PLAN - LEVEL 400 - SECTION 8
P01.409	PLUMBING NEW WORK PLAN - LEVEL 400 - SECTION 9
P01.507	PLUMBING NEW WORK PLAN - LEVEL 500 - SECTION 7
P01.509	PLUMBING NEW WORK PLAN - LEVEL 500 - SECTION 9
P01.510	PLUMBING NEW WORK PLAN - LEVEL 500 - SECTION 10
RAMP PIPE REPLACEMENT	
P02.100	PLUMBING NEW WORK PLAN - LEVEL 100 OVERALL
P02.200	PLUMBING NEW WORK PLAN - LEVEL 200 OVERALL
P02.300	PLUMBING NEW WORK PLAN - LEVEL 300 OVERALL
P02.400	PLUMBING NEW WORK PLAN - LEVEL 400 OVERALL
P02.500	PLUMBING NEW WORK PLAN - LEVEL 500 OVERALL
CONCOURSE DRAIN REPLACEMENT	
P03.101	PLUMBING NEW WORK PLAN - LEVEL 100 - SECTION 1
P03.105	PLUMBING NEW WORK PLAN - LEVEL 100 - SECTION 5
P03.108	PLUMBING NEW WORK PLAN - LEVEL 100 - SECTION 8
P03.109	PLUMBING NEW WORK PLAN - LEVEL 100 - SECTION 9
P03.110	PLUMBING NEW WORK PLAN - LEVEL 100 - SECTION 10
P03.308	PLUMBING NEW WORK PLAN - LEVEL 300 SECTION 8
P03.506	PLUMBING NEW WORK PLAN - 500 LEVEL - SECTION 6
P03.507	PLUMBING NEW WORK PLAN - 500 LEVEL - SECTION 7
P03.509	PLUMBING NEW WORK PLAN - 500 LEVEL - SECTION 9
SEWAGE EJECTOR PUMP REPLACEMENT	
P04.506	PLUMBING DEMOLITION PLAN - SERVICE LEVEL - SECTION 6
P04.508	PLUMBING NEW WORK PLAN - SERVICE LEVEL - SECTION 6
RISER #1 REPLACEMENT	
P05.505	PLUMBING DEMOLITION PLAN - SERVICE LEVEL - SECTION 5
P05.105	PLUMBING DEMOLITION PLAN - LEVEL 100 - SECTION 5
P05.205	PLUMBING DEMOLITION PLAN - LEVEL 200 - SECTION 5
P05.305	PLUMBING DEMOLITION PLAN - LEVEL 300 - SECTION 5
P05.405	PLUMBING DEMOLITION PLAN - LEVEL 400 - SECTION 5
P05.505	PLUMBING DEMOLITION PLAN - SERVICE LEVEL - SECTION 5
P05.105	PLUMBING NEW WORK PLAN - LEVEL 100 - SECTION 5
P05.205	PLUMBING NEW WORK PLAN - LEVEL 200 - SECTION 5
P05.305	PLUMBING NEW WORK PLAN - LEVEL 300 - SECTION 5
RISER #2 REPLACEMENT	
P06.506	PLUMBING DEMOLITION PLAN - SERVICE LEVEL - SECTION 6 AND 7
P06.106	PLUMBING DEMOLITION PLAN - LEVEL 100 - SECTION 6 AND 7
P06.206	PLUMBING DEMOLITION PLAN - LEVEL 200 - SECTION 6 AND 7
P06.306	PLUMBING DEMOLITION PLAN - LEVEL 300 - SECTION 6 AND 7
P06.406	PLUMBING DEMOLITION PLAN - LEVEL 400 - SECTION 6 AND 7
P06.506	PLUMBING DEMOLITION PLAN - SERVICE LEVEL - SECTION 6 AND 7
P06.106	PLUMBING NEW WORK PLAN - LEVEL 100 - SECTION 6 AND 7
P06.206	PLUMBING NEW WORK PLAN - LEVEL 200 - SECTION 6 AND 7
P06.306	PLUMBING NEW WORK PLAN - LEVEL 300 - SECTION 6 AND 7
P06.406	PLUMBING NEW WORK PLAN - LEVEL 400 - SECTION 6 AND 7
P06.506	PLUMBING NEW WORK PLAN - SERVICE LEVEL - SECTION 6 AND 7
RISER #2 DIAGRAM	
P07.002	RISER #2 DIAGRAM
PLUMBING DETAILS	
P08.002	PLUMBING DETAILS
P09.001	PLUMBING SCHEDULES
P10.001	PLUMBING SPECIFICATIONS

PLUMBING SYMBOLS			
GENERAL			
	FLOOR DRAIN		PIPE REDUCER/INCREASE
	FLOOR SINK		PIPE TEE, DOWN
	FLOOR CLEANOUT		PIPE TEE, 45° HORIZONTAL
	ROOF DRAIN		PIPE TEE, 90° HORIZONTAL
	EMERGENCY SHUTOFF		PIPE TEE, UP
	POINT OF CONNECTION OF NEW TO EXISTING WORK		PIPE UNION
	POINT OF DEMOLITION TO EXISTING WORK		THREADED HOSE CONNECTION
	EQUIPMENT TAG		BALL VALVE
	RISER TAG		BUTTERFLY VALVE
	MATCH LINE		CHECK VALVE
	VIEW REFERENCE		GAS COCK
	SECTION VIEW REFERENCE		GATE VALVE
	KITCHEN EQUIPMENT TAG		GLOBE VALVE
PLUMBING			MANUAL BALANCING VALVE
	NEW PIPING		NEEDLE VALVE
	EXISTING PIPING TO REMAIN		OS&Y GATE VALVE
	EXISTING PIPING TO BE DEMOLISHED		PRESSURE REDUCING/REGULATING VALVE
	NEW PIPE CONNECTION		PRESSURE/SAFETY RELIEF VALVE
	DIRECTION OF FLOW		STRAINER
	DIRECTION OF PIPE PITCH, DOWN		STRAINER WITH BLOWDOWN VALVE
	PIPE BREAK LINE (OR CONTINUATION)		THERMOSTATIC MIXING VALVE
	DOMESTIC COLD WATER PIPING		BACKFLOW PREVENTER
	DOMESTIC HOT WATER SUPPLY PIPING		FLEXIBLE PIPE CONNECTOR (OR CONNECTION)
	DOMESTIC HOT WATER RETURN PIPING		HOSE BIBB
	DRAIN TILE PIPING		METER
	VENT PIPING		P-TRAP
	CLEANOUT		PIPE ALIGNMENT GUIDE
	ECCENTRIC PIPE REDUCER		PIPE ANCHOR
	ORIFICE PIPE UNION		PIPE SLEEVE
	PIPE CAP		PIPE WELL
	PIPE ELBOW, 30° HORIZONTAL		PRESSURE GAUGE
	PIPE ELBOW, 45° HORIZONTAL		PRV STATION
	PIPE ELBOW, 90° HORIZONTAL		PUMP
	PIPE ELBOW, TURNED DOWN		SHOWER
	PIPE ELBOW, TURNED UP		TEST PLUG
			THERMOMETER
NOTE: NOT ALL SYMBOLS LISTED ABOVE MAY BE USED OR APPEAR IN THESE DRAWINGS.			

PROJECT SCOPE OF WORK

- REPLACEMENT OF ELECTRIC WATER HEATERS ON LEVELS 400 AND 500. INCLUDE NEW EXPANSION TANK, VALVES, DRAIN PAN, SUPPORT PLATFORM, AND DRAIN LINES.
- REPLACE STORM PIPING ON THE RAMPS AS DEFINED ON PLANS AND DETAILS.
- REPLACE EXISTING SEWAGE EJECTOR FOR VISITORS LOCKER ROOM. INCLUDING NEW PIPING, VALVES, PUMPS, FLOATS, CONTROLS PANEL, BASIN TOP, ETC.
- DISASSEMBLY, REPAIR AND REPLACEMENT OF COMPONENTS, AND REASSEMBLY OF AREA DRAINS THROUGHOUT THE 100 LEVEL AND 500 LEVEL CONCOURSES.
- EPOXY LINING OF FLOOR SINKS AND FLOOR DRAINS IN CONCESSIONS STANDS LOCATED THROUGHOUT THE 100 AND 500 LEVEL CONCOURSES.
- SANITARY AND VENT PIPING RISER REPLACEMENT FOR SECTION 05 FROM THE 400 LEVEL DOWN TO THE SERVICE LEVEL. PORTIONS OF THE CONCESSION STANDS DRAINAGE SHALL BE ACID RESISTANT WASTE (ARW) PIPING AS SODA AND BEER ARE ACIDIC AND ACID RESISTANT PIPING IS REQUIRED.
- SANITARY AND VENT PIPING RISER REPLACEMENT FOR SECTION 06/07 FROM THE 400 LEVEL DOWN TO THE SERVICE LEVEL. PORTIONS OF THE CONCESSION STANDS DRAINAGE SHALL BE ACID RESISTANT WASTE (ARW) PIPING AS SODA AND BEER ARE ACIDIC AND ACID RESISTANT PIPING IS REQUIRED.

ELECTRICAL SCOPE OF WORK

- PROVIDE NEW WIRING FROM NEW CONTROL PANEL AND ASSOCIATED WITH NEW DUPLEX SEWAGE EJECTOR PUMPS FOR VISITOR LOCKER ROOM.
- DISCONNECT POWER AND RECONNECT POWER FOR IN-KIND REPLACEMENT ELECTRIC WATER HEATERS CONNECTED TO RESTROOMS SERVING THE SUITES ON LEVELS 400 AND 500.

City of Chicago
DEPARTMENT OF BUILDINGS
Alternative Code Approval Request

1. Project Information
2. Project Information
3. Subject of Request
4. Specific Request

5. Basis for Request
6. Basis for Request

7. Basis for Request

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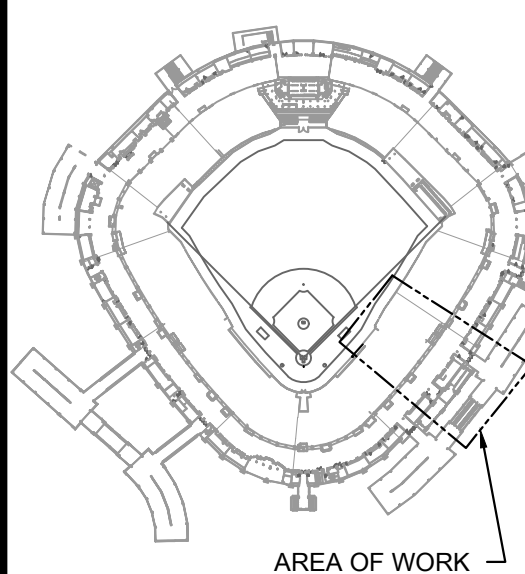
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1 PLUMBING DEMOLITION PLAN - 100 LEVEL - SECTION 5 ENLARGED

KEY PLAN:



ISSUE/REVISION:

REV.	DATE	DESCRIPTION
09/11/2023		ISSUED FOR BID
09/13/2023		BID ADDENDUM #1

PROJECT:

IFSA GUARANTEED RATE
FIELD - FY 2024 PLUMBING
WORK
333 W 35TH STREET,
CHICAGO, ILLINOIS 60616

DRAWING TITLE:

PLUMBING DEMOLITION PLAN
- LEVEL 100 - SECTION 5

DESIGNED BY:

CF

CHECKED BY:

JG

PROJECT NO:

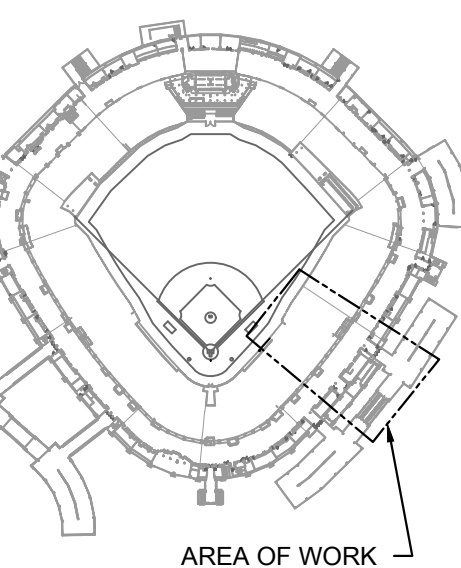
23193

SCALE:

1/8" = 1'-0"

SHEET NO.

PD05.105



REV.	DATE	DESCRIPTION
09/10/23		ISSUED FOR BID
09/13/23		BID ADDENDUM #1

PROJECT:
IFSA GUARANTEED RATE
FIELD - FY 2024 PLUMBING
WORK

333 W 35TH STREET,
CHICAGO, ILLINOIS 60616

DRAWING TITLE:
PLUMBING DEMOLITION PLAN
- LEVEL 200 - SECTION 5

DESIGNED BY: CF
CHECKED BY: JG
PROJECT NO: 23193
SCALE: 1/8" = 1'-0"
SHEET NO.

PD05.205

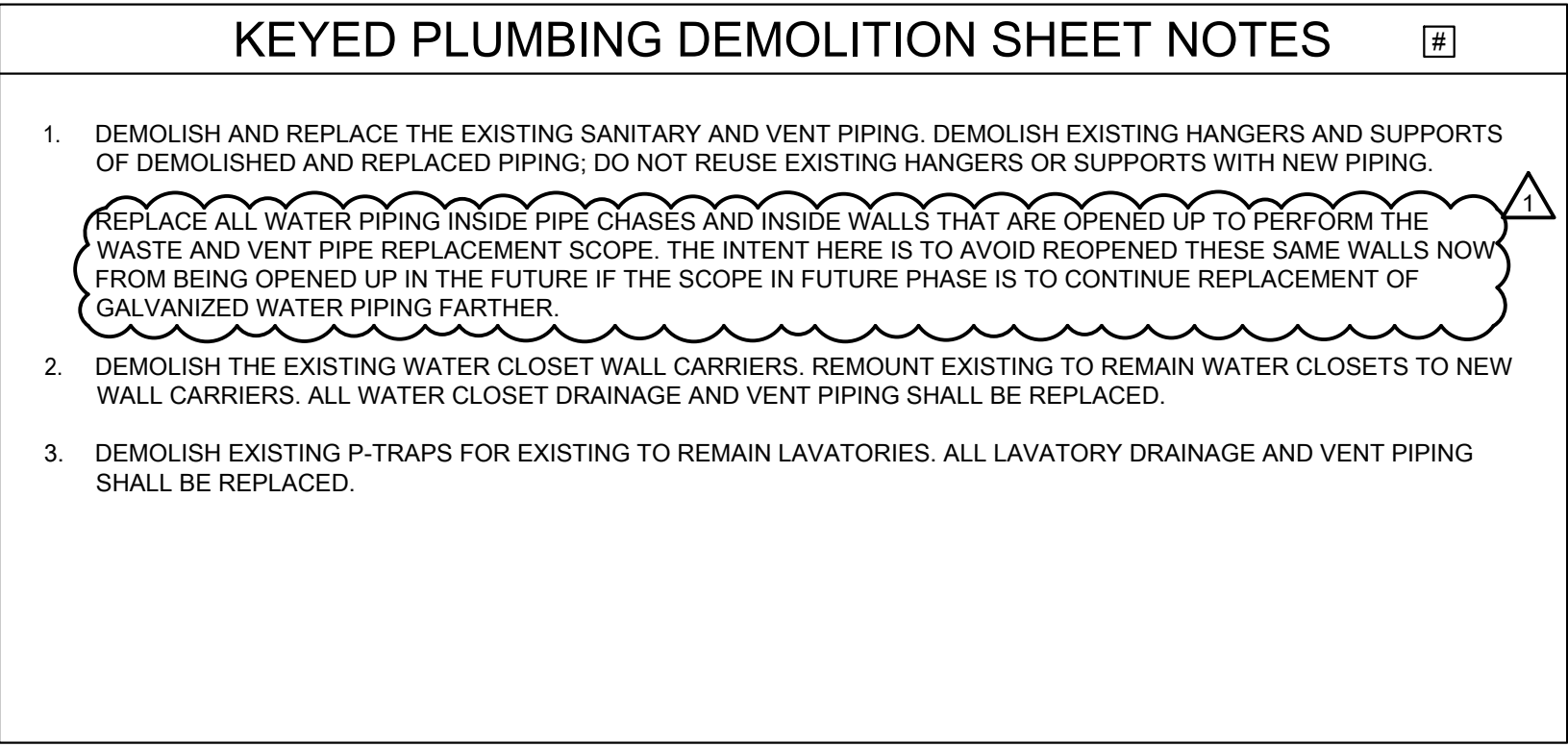
1 PLUMBING DEMOLITION PLAN - 200 LEVEL - SECTION 5 ENLARGED

SCALE: 1/8" = 1'-0"



KEYED PLUMBING DEMOLITION SHEET NOTES

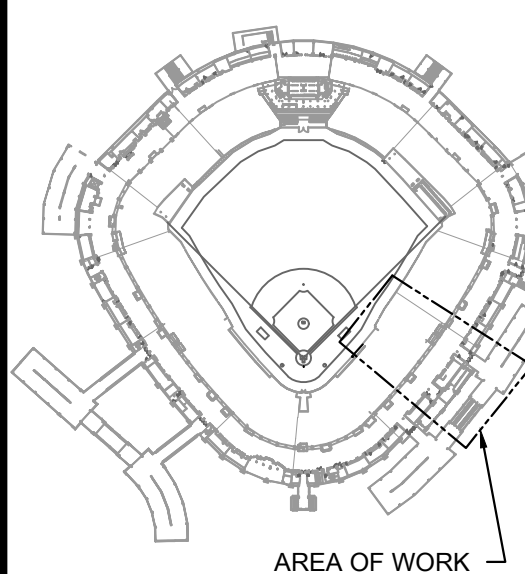
- DEMOLISH AND REPLACE THE EXISTING SANITARY AND VENT PIPING. DEMOLISH EXISTING HANGERS AND SUPPORTS OF DEMOLISHED AND REPLACED PIPING. DO NOT REUSE EXISTING HANGERS OR SUPPORTS WITH NEW PIPING.
REPLACE ALL WATER PIPING INSIDE PIPE CHASES AND INSIDE WALLS THAT ARE OPENED UP TO PERFORM THE WASTE AND VENT PIPE REPLACEMENT SCOPE. THE INTENT HERE IS TO AVOID REOPENED THESE SAME WALLS NOW FROM BEING OPENED UP IN THE FUTURE IF THE SCOPE IN FUTURE PHASE IS TO CONTINUE REPLACEMENT OF GALVANIZED WATER PIPING FARTHER.
- DEMOLISH THE EXISTING WATER CLOSET WALL CARRIERS. REMOUNT EXISTING TO REMAIN WATER CLOSETS TO NEW WALL CARRIERS. ALL WATER CLOSET DRAINAGE AND VENT PIPING SHALL BE REPLACED.
- DEMOLISH EXISTING P-TRAPS FOR EXISTING TO REMAIN LAVATORIES. ALL LAVATORY DRAINAGE AND VENT PIPING SHALL BE REPLACED.



DESIGNED BY:	CF
CHECKED BY:	JG
PROJECT NO:	23193
SCALE:	1/8" = 1'-0"
SHEET NO.	

PD05.305

KEY PLAN:



AREA OF WORK

ISSUE/REVISION:

REV.	DATE	DESCRIPTION
09/1/2023		ISSUED FOR BID
09/13/2023		BID ADDENDUM #1

PROJECT:

IFSA GUARANTEED RATE
FIELD - FY 2024 PLUMBING
WORK

333 W 35TH STREET,
CHICAGO, ILLINOIS 60616

DRAWING TITLE:

PLUMBING DEMOLITION PLAN
- LEVEL 400 - SECTION 5

DESIGNED BY: CF

CHECKED BY: JG

PROJECT NO: 23193

SCALE: 1/8" = 1'-0"

SHEET NO.

PD05.405

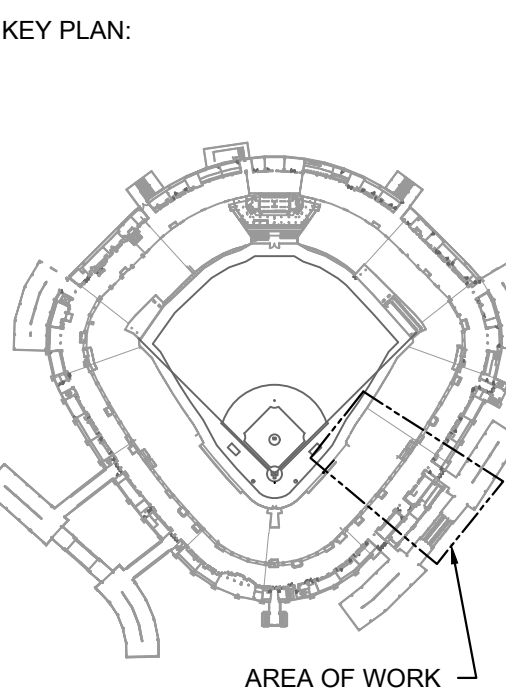
1 PLUMBING DEMOLITION PLAN - 400 LEVEL - SECTION 5 ENLARGED

SCALE: 1/8" = 1'-0"



KEYED PLUMBING NEW WORK SHEET NOTES

1. REPLACE THE EXISTING SANITARY PIPING WITH NEW SANITARY AND VENT PIPING. PROVIDE NEW HANGERS AND SUPPORTS; DO NOT REUSE EXISTING HANGERS OR SUPPORTS WITH NEW PIPING.



ISSUE/REVISION:		
REV.	DATE	DESCRIPTION
	09/11/2023	ISSUED FOR BID
Δ	09/13/2023	BID ADDENDUM #1

PROJECT:
IFSA GUARANTEED RATE
FIELD - FY 2024 PLUMBING
WORK
333 W 35TH STREET,
CHICAGO, ILLINOIS 60616

DRAWING TITLE:
PLUMBING NEW WORK PLAN -
LEVEL 100 - SECTION 5

DESIGNED BY: CF
CHECKED BY: JG
PROJECT NO: 23193
SCALE: 1/8" = 1'-0"

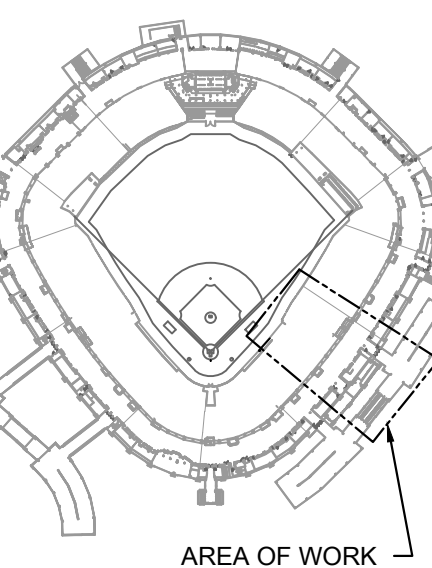
SHEET NO.
P05.105

1 PLUMBING NEW WORK PLAN - 100 LEVEL - SECTION 5 ENLARGED

SCALE: 1/8" = 1'-0"



KEY PLAN:



AREA OF WORK

ISSUE/REVISION:

REV.	DATE	DESCRIPTION
09/10/23		ISSUED FOR BID
09/13/23		BID ADDENDUM #1

PROJECT:

IFSA GUARANTEED RATE
FIELD - FY 2024 PLUMBING
WORK

333 W 35TH STREET,
CHICAGO, ILLINOIS 60616

DRAWING TITLE:

PLUMBING NEW WORK PLAN -
LEVEL 200 - SECTION 5

DESIGNED BY: CF

CHECKED BY: JG

PROJECT NO: 23193

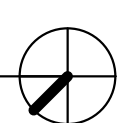
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SHEET NO.

P05.205

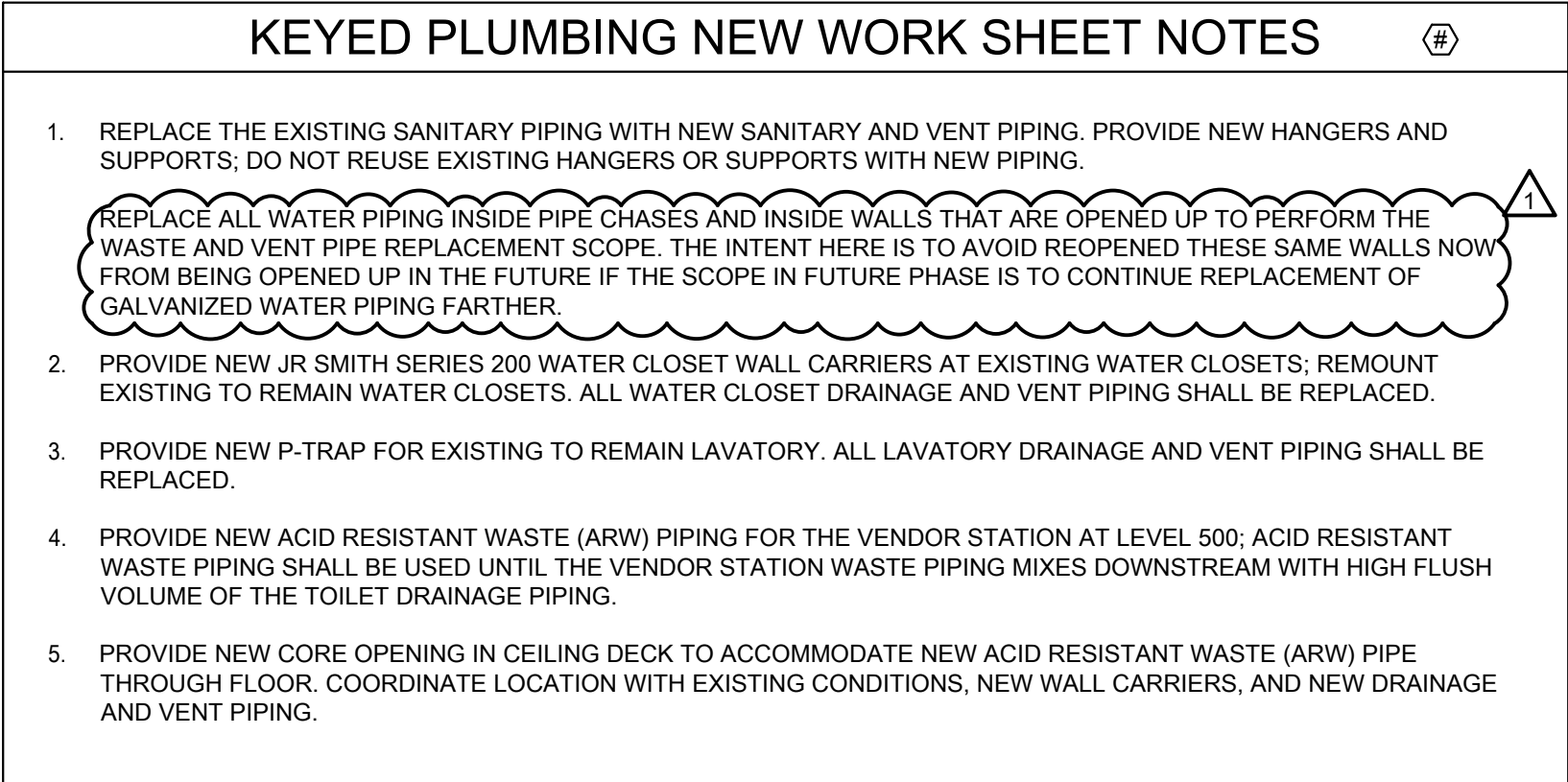
1 PLUMBING NEW WORK PLAN - 200 LEVEL - SECTION 5 ENLARGED

SCALE: 1/8" = 1'-0"

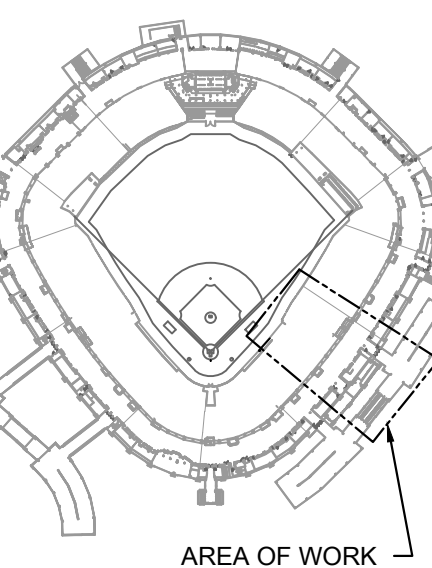


KEYED PLUMBING NEW WORK SHEET NOTES

- REPLACE THE EXISTING SANITARY PIPING WITH NEW SANITARY AND VENT PIPING. PROVIDE NEW HANGERS AND SUPPORTS. DO NOT REUSE EXISTING HANGERS OR SUPPORTS WITH NEW PIPING.
REPLACE ALL WATER PIPING INSIDE PIPE CHASES AND INSIDE WALLS THAT ARE OPENED UP TO PERFORM THE WASTE AND VENT PIPE REPLACEMENT SCOPE. THE INTENT HERE IS TO AVOID REOPENED THESE SAME WALLS NOW FROM BEING OPENED UP IN THE FUTURE IF THE SCOPE IN FUTURE PHASE IS TO CONTINUE REPLACEMENT OF GALVANIZED WATER PIPING FARTHER.
- PROVIDE NEW JR SMITH SERIES 200 WATER CLOSET WALL CARRIERS AT EXISTING WATER CLOSETS; REMOUNT EXISTING TO REMAIN WATER CLOSETS. ALL WATER CLOSET DRAINAGE AND VENT PIPING SHALL BE REPLACED.
- PROVIDE NEW P-TRAP FOR EXISTING TO REMAIN LAVATORY. ALL LAVATORY DRAINAGE AND VENT PIPING SHALL BE REPLACED.



KEY PLAN:



AREA OF WORK

ISSUE/REVISION:

REV.	DATE	DESCRIPTION
09/11/2023		ISSUED FOR BID
09/13/2023		BID ADDENDUM #1

PROJECT:

IFSA GUARANTEED RATE
FIELD - FY 2024 PLUMBING
WORK

333 W 35TH STREET,
CHICAGO, ILLINOIS 60616

DRAWING TITLE:

PLUMBING NEW WORK PLAN -
LEVEL 400 - SECTION 5

DESIGNED BY: CF

CHECKED BY: JG

PROJECT NO: 23193

SCALE: 1/8" = 1'-0"

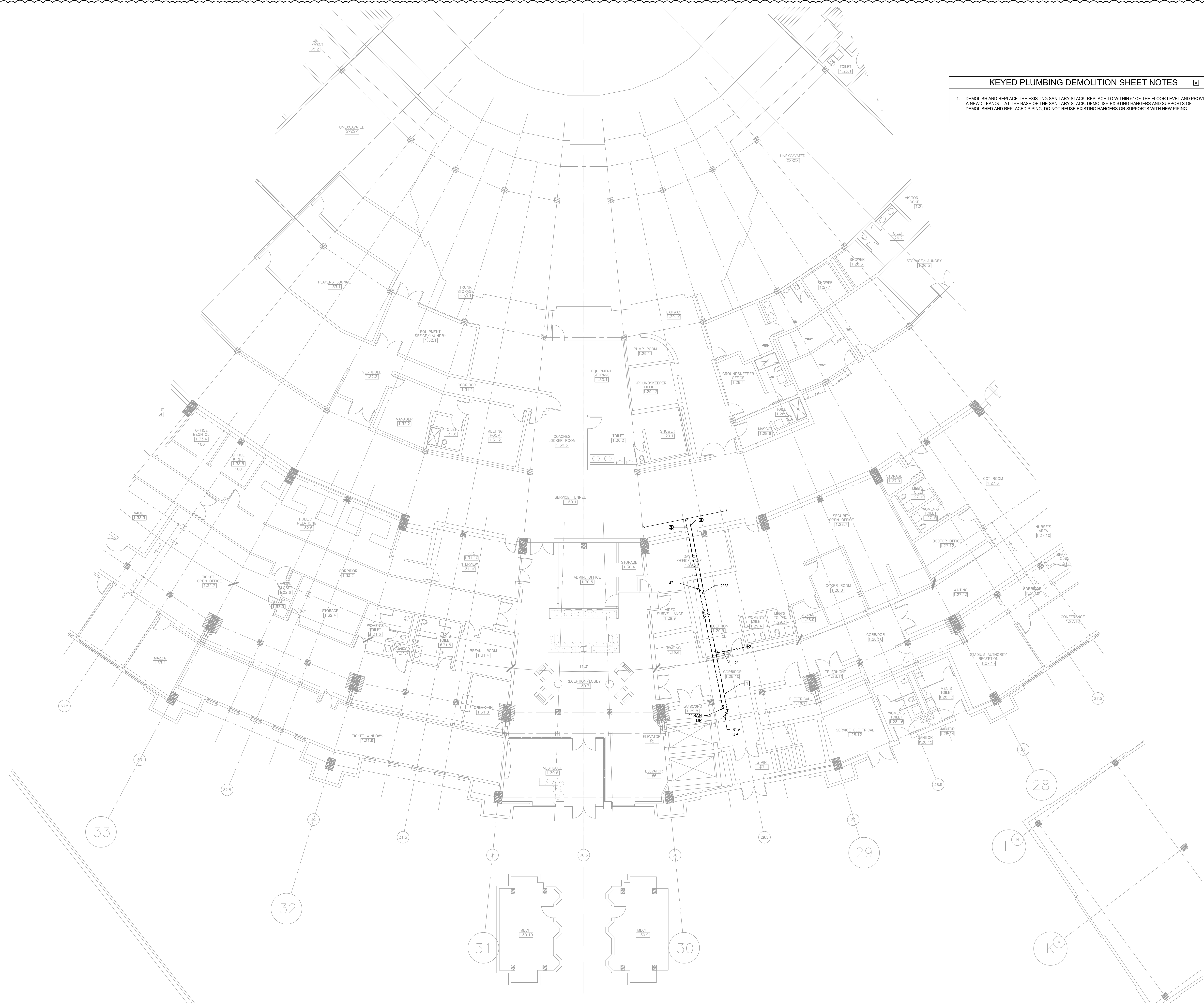
SHEET NO.

P05.405

1 PLUMBING NEW WORK PLAN - 400 LEVEL - SECTION 5 ENLARGED

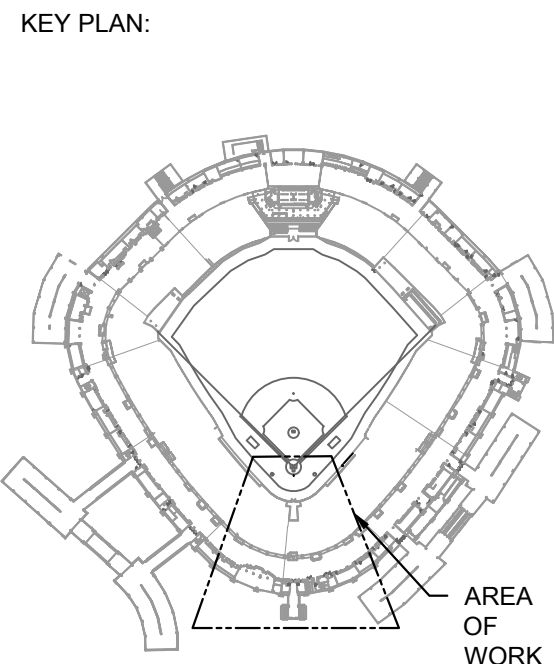
SCALE: 1/8" = 1'-0"





KEYED PLUMBING DEMOLITION SHEET NOTES

1. DEMOLISH AND REPLACE THE EXISTING SANITARY STACK. REPLACE TO WITHIN 6" OF THE FLOOR LEVEL AND PROVIDE A NEW GLEANDUT AT THE BASE OF THE SANITARY STACK. DEMOLISH EXISTING HANGERS AND SUPPORTS OF DEMOLISHED AND REPLACED PIPING. DO NOT REUSE EXISTING HANGERS OR SUPPORTS WITH NEW PIPING.



ISSUE/REVISION:		
REV.	DATE	DESCRIPTION

PROJECT:
IFSA GUARANTEED RATE
FIELD - FY 2024 PLUMBING
WORK
333 W 35TH STREET,
CHICAGO, ILLINOIS 60616

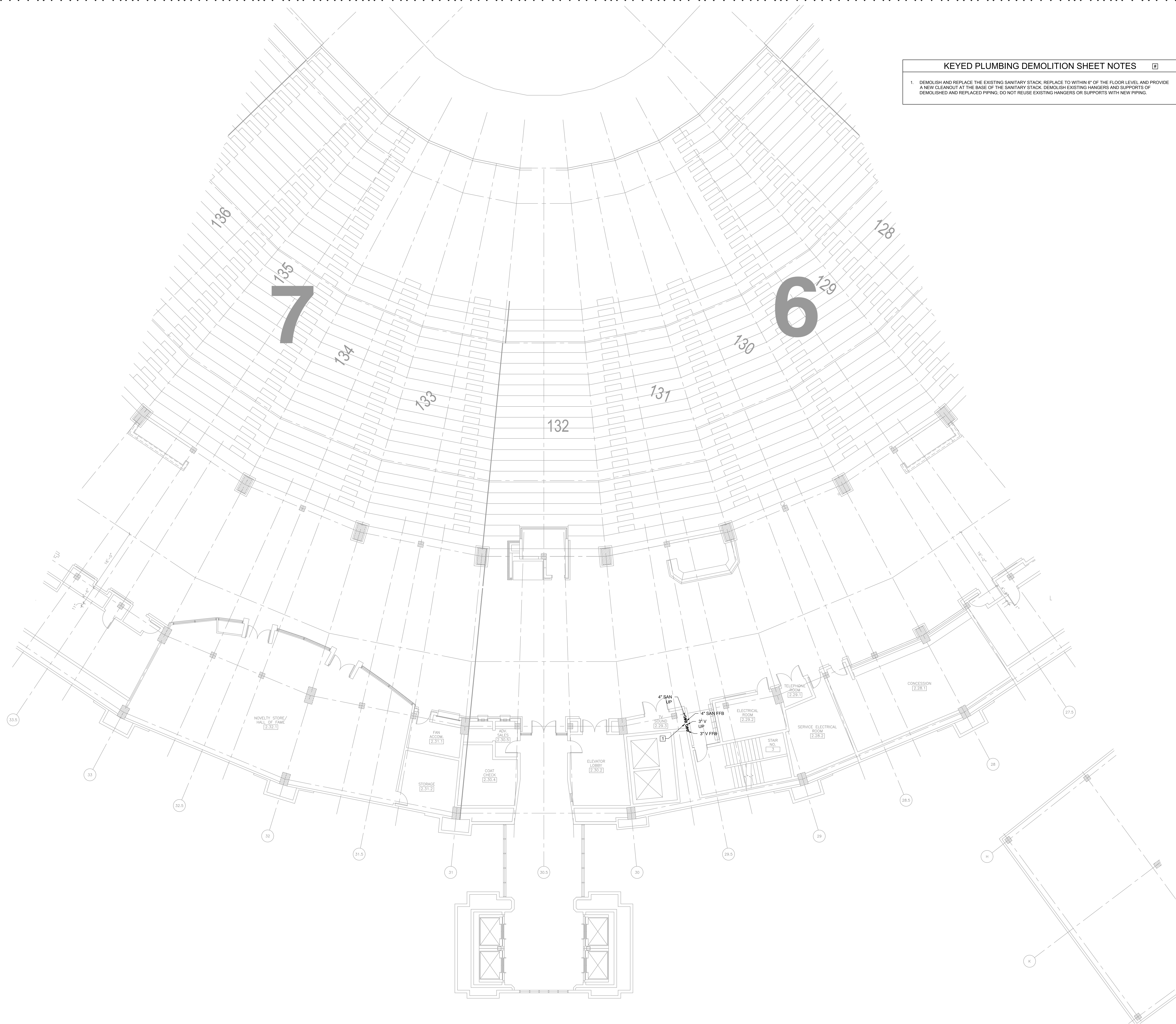
DRAWING TITLE:
PLUMBING DEMOLITION PLAN
- SERVICE LEVEL - SECTION 6
AND 7

DESIGNED BY:	CF
CHECKED BY:	JG
PROJECT NO:	23193
SCALE:	1/8" = 1'-0"
SHEET NO:	

PD06.S06

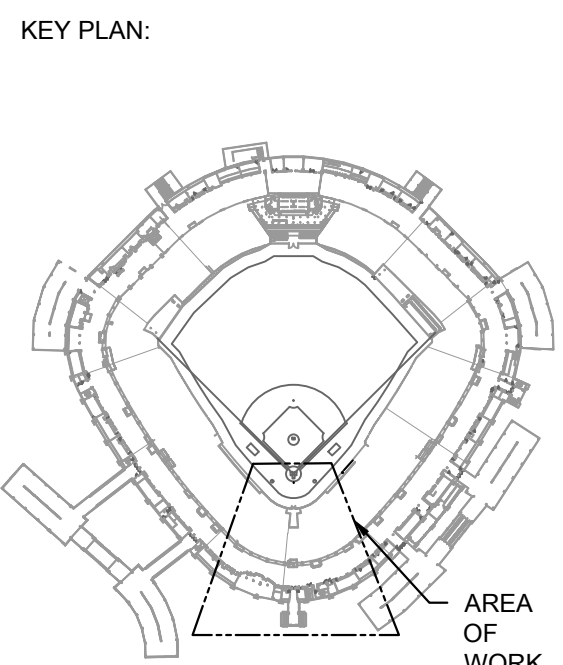
1 PLUMBING DEMOLITION PLAN - SERVICE LEVEL - SECTION 6 AND 7 ENLARGED

SCALE: 1/8" = 1'-0"



KEYED PLUMBING DEMOLITION SHEET NOTES

1. DEMOLISH AND REPLACE THE EXISTING SANITARY STACK; REPLACE TO WITHIN 6" OF THE FLOOR LEVEL AND PROVIDE A NEW CLEANOUT AT THE BASE OF THE SANITARY STACK. DEMOLISH EXISTING HANGERS AND SUPPORTS OF DEMOLISHED AND REPLACED PIPING. DO NOT REUSE EXISTING HANGERS OR SUPPORTS WITH NEW PIPING.



ISSUE/REVISION:		
REV.	DATE	DESCRIPTION
	09/11/2023	ISSUED FOR BID
Δ	09/13/2023	BID ADDENDUM #1

PROJECT:
IFSA GUARANTEED RATE
FIELD - FY 2024 PLUMBING
WORK
333 W 35TH STREET,
CHICAGO, ILLINOIS 60616

DRAWING TITLE:
PLUMBING DEMOLITION PLAN
- LEVEL 100 - SECTION 6 AND 7

DESIGNED BY: CF
CHECKED BY: JG
PROJECT NO: 23193
SCALE: 1/8" = 1'-0"

SHEET NO.

PD06.106

1 PLUMBING DEMOLITION PLAN - LEVEL 100 - SECTION 6 AND 7 ENLARGED

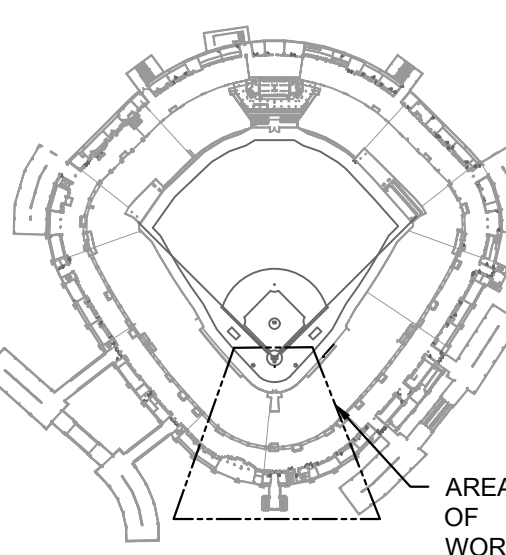
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KEYED PLUMBING DEMOLITION SHEET NOTES

1. DEMOLISH AND REPLACE THE EXISTING SANITARY AND VENT PIPING. DEMOLISH EXISTING HANGERS AND SUPPORTS OF DEMOLISHED AND REPLACED PIPING. DO NOT REUSE EXISTING HANGERS OR SUPPORTS WITH NEW PIPING.
- REPLACE ALL WATER PIPING INSIDE PIPE CHASES AND INSIDE WALLS THAT ARE OPENED UP TO PERFORM THE WASTE AND VENT PIPE REPLACEMENT SCOPE. THE INTENT HERE IS TO AVOID REOPENED THESE SAME WALLS NOW FROM BEING OPENED UP IN THE FUTURE IF THE SCOPE IN FUTURE PHASE IS TO CONTINUE REPLACEMENT OF GALVANIZED WATER PIPING FARTHER.



KEY PLAN:



ISSUE/REVISION:

REV.	DATE	DESCRIPTION
09/1/2023		ISSUED FOR BID
09/13/2023		BID ADDENDUM #1

PROJECT:

IFSA GUARANTEED RATE
FIELD - FY 2024 PLUMBING
WORK
333 W 35TH STREET,
CHICAGO, ILLINOIS 60616

DRAWING TITLE:

PLUMBING DEMOLITION PLAN
- LEVEL 200 - SECTION 6 AND 7
ENLARGED

DESIGNED BY:	CF
CHECKED BY:	JG
PROJECT NO:	23193
SCALE:	1/32" = 1'-0"
SHEET NO.	

PD06.206

1 PLUMBING DEMOLITION PLAN - LEVEL 200 - SECTION 6 AND 7 ENLARGED

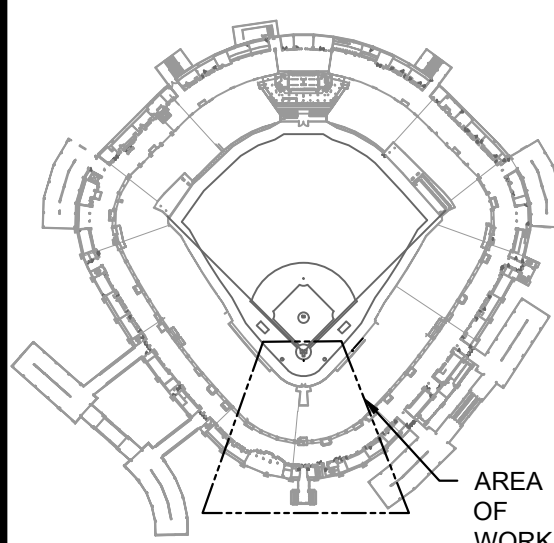
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KEYED PLUMBING DEMOLITION SHEET NOTES

- DEMOLISH AND REPLACE THE EXISTING SANITARY AND VENT PIPING. DEMOLISH EXISTING HANGERS AND SUPPORTS OF DEMOLISHED AND REPLACED PIPING. DO NOT REUSE EXISTING HANGERS OR SUPPORTS WITH NEW PIPING.
REPLACE ALL WATER PIPING INSIDE PIPE CHASES AND INSIDE WALLS THAT ARE OPENED UP TO PERFORM THE WASTE AND VENT PIPE REPLACEMENT SCOPE. THE INTENT HERE IS TO AVOID REOPENED THESE SAME WALLS NOW FROM BEING OPENED UP IN THE FUTURE IF THE SCOPE IN FUTURE PHASE IS TO CONTINUE REPLACEMENT OF GALVANIZED WATER PIPING FARTHER.
- DEMOLISH THE EXISTING WATER CLOSET WALL CARRIERS. REMOUNT EXISTING TO REMAIN WATER CLOSETS TO NEW WALL CARRIERS. ALL WATER CLOSET DRAINAGE AND VENT PIPING SHALL BE REPLACED.
- DEMOLISH EXISTING P-TRAPS FOR EXISTING TO REMAIN LAVATORIES. ALL LAVATORY DRAINAGE AND VENT PIPING SHALL BE REPLACED.



KEY PLAN:



ISSUE/REVISION:

REV.	DATE	DESCRIPTION
09/10/23		ISSUED FOR BID
09/13/23		BID ADDENDUM #1

PROJECT:

IFSA GUARANTEED RATE
FIELD - FY 2024 PLUMBING
WORK

333 W 35TH STREET,
CHICAGO, ILLINOIS 60616

DRAWING TITLE:

PLUMBING DEMOLITION PLAN
- LEVEL300 - SECTION 6 AND 7

DESIGNED BY: CF

CHECKED BY: JG

PROJECT NO: 23193

SCALE: 1/32" = 1'-0"

SHEET NO.

PD06.306

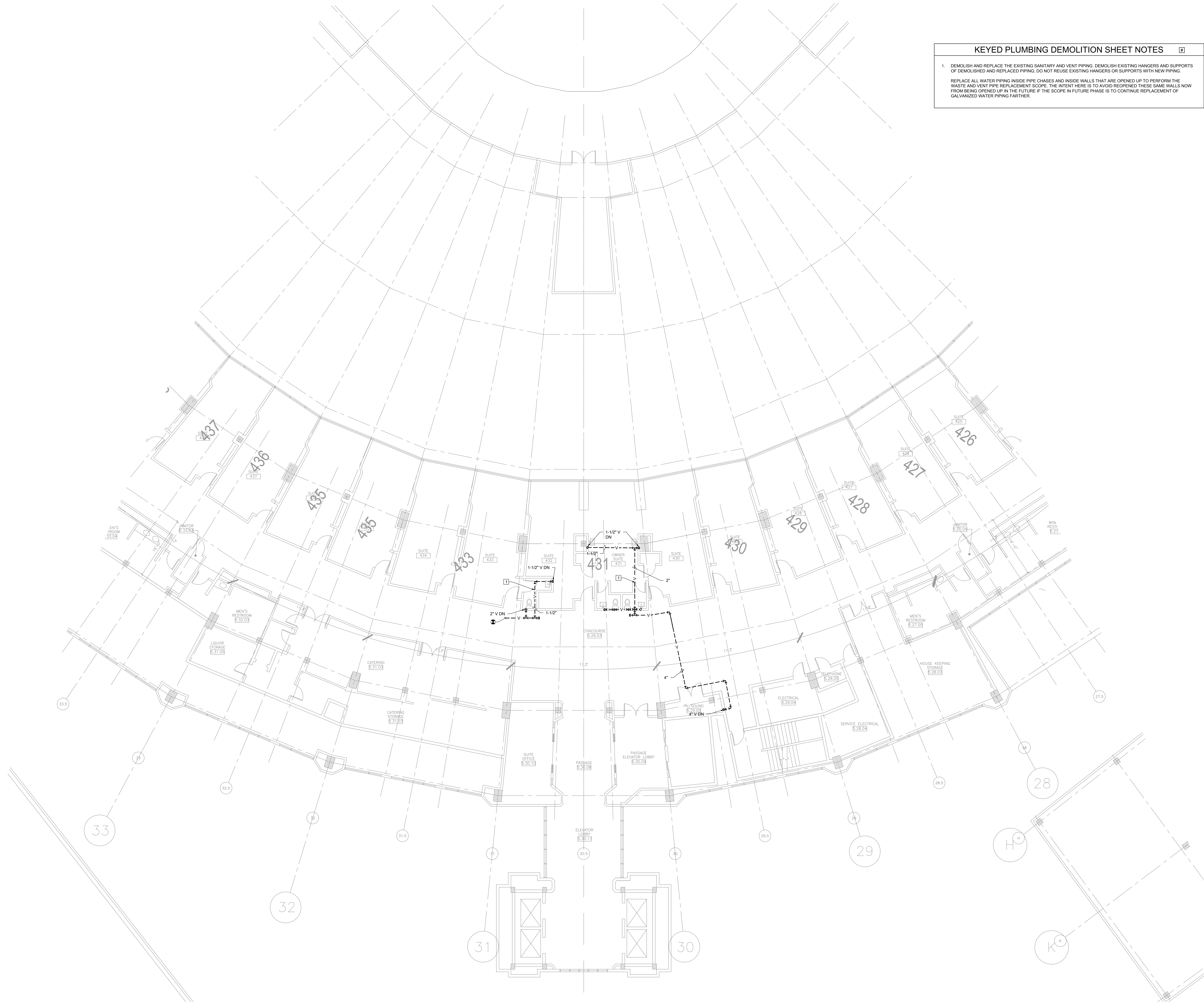
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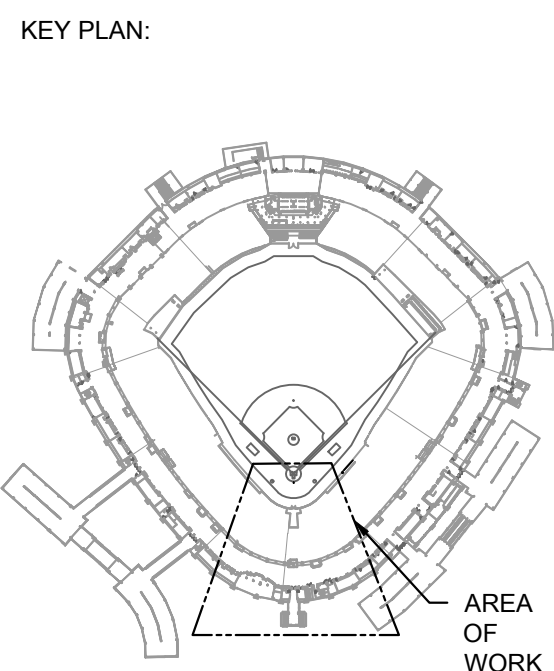
KEYED PLUMBING DEMOLITION SHEET NOTES

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REPLACE ALL WATER PIPING INSIDE PIPE CHASES AND INSIDE WALLS THAT ARE OPENED UP TO PERFORM THE WASTE AND VENT PIPE REPLACEMENT SCOPE. THE INTENT HERE IS TO AVOID REOPENED THESE SAME WALLS NOW FROM BEING OPENED UP IN THE FUTURE IF THE SCOPE IN FUTURE PHASE IS TO CONTINUE REPLACEMENT OF GALVANIZED WATER PIPING FARTHER.



1 PLUMBING DEMOLITION PLAN - LEVEL 400 - SECTION 6 AND 7 ENLARGED



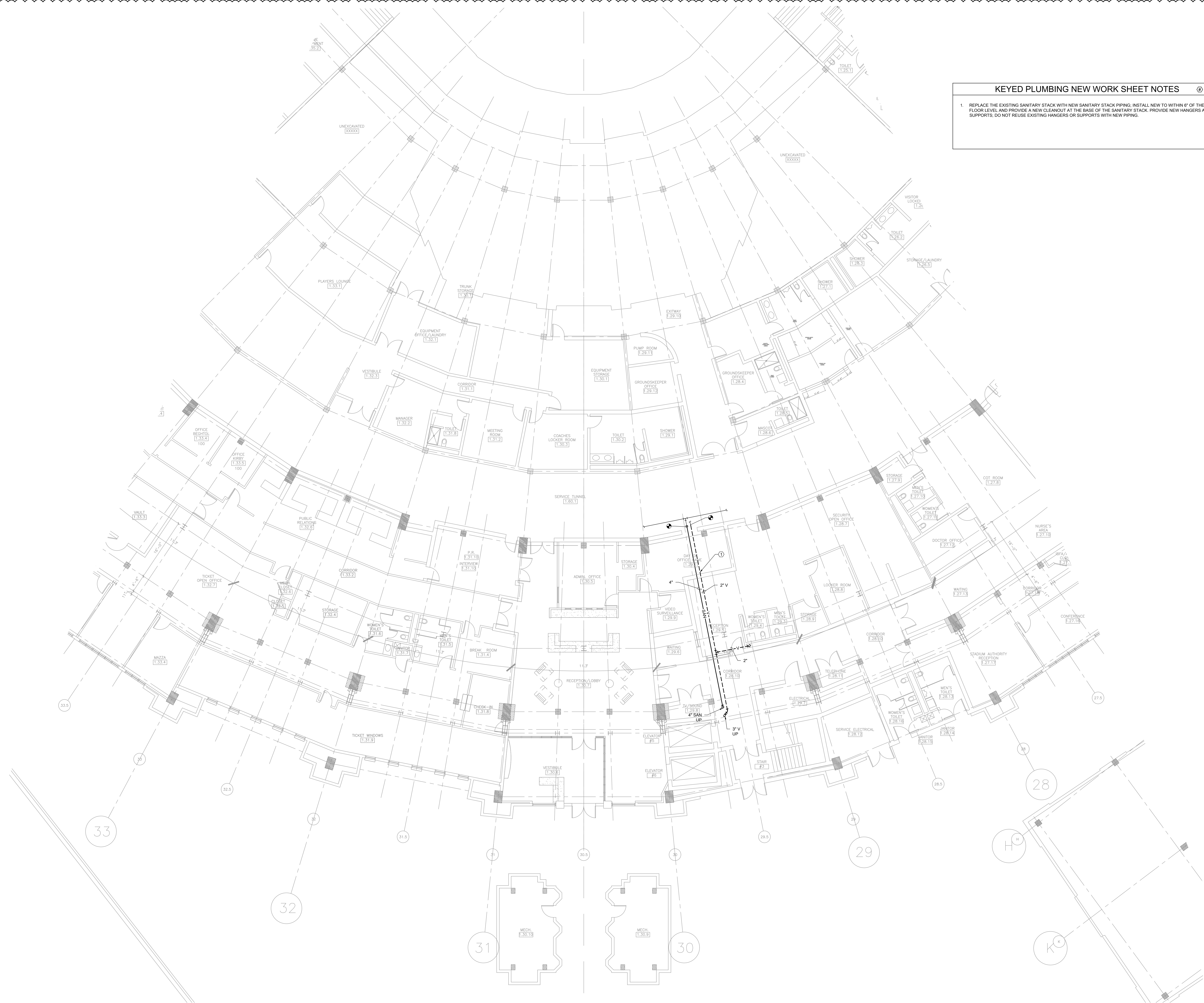
ISSUE/REVISION:		
REV.	DATE	DESCRIPTION

PROJECT:
IFSA GUARANTEED RATE
FIELD - FY 2024 PLUMBING
WORK
333 W 35TH STREET,
CHICAGO, ILLINOIS 60616

DRAWING TITLE:
PLUMBING DEMOLITION PLAN
- LEVEL 400 - SECTION 6 AND 7

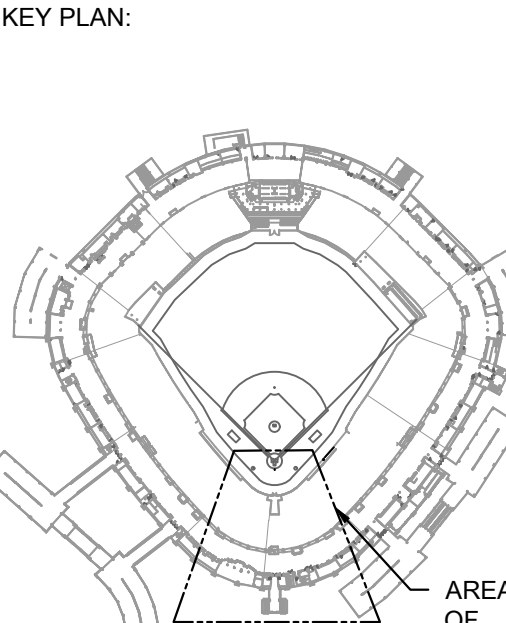
DESIGNED BY:	CF
CHECKED BY:	JG
PROJECT NO:	23193
SCALE:	1/32" = 1'-0"
SHEET NO.	

PD06.406



KEYED PLUMBING NEW WORK SHEET NOTES

1. REPLACE THE EXISTING SANITARY STACK WITH NEW SANITARY STACK PIPING. INSTALL NEW TO WITHIN 6" OF THE FLOOR LEVEL AND PROVIDE A NEW CLEANOUT AT THE BASE OF THE SANITARY STACK. PROVIDE NEW HANGERS AND SUPPORTS. DO NOT REUSE EXISTING HANGERS OR SUPPORTS WITH NEW PIPING.



ISSUE/REVISION:		
REV.	DATE	DESCRIPTION
09/1/2023		ISSUED FOR BID
09/13/2023		BID ADDENDUM #1

PROJECT:
IFSA GUARANTEED RATE
FIELD - FY 2024 PLUMBING
WORK
333 W 35TH STREET,
CHICAGO, ILLINOIS 60616
DRAWING TITLE:
PLUMBING NEW WORK PLAN -
SERVICE LEVEL- SECTION 6
AND 7

DESIGNED BY:	CF
CHECKED BY:	JG
PROJECT NO:	23193
SCALE:	1/8" = 1'-0"
SHEET NO.	

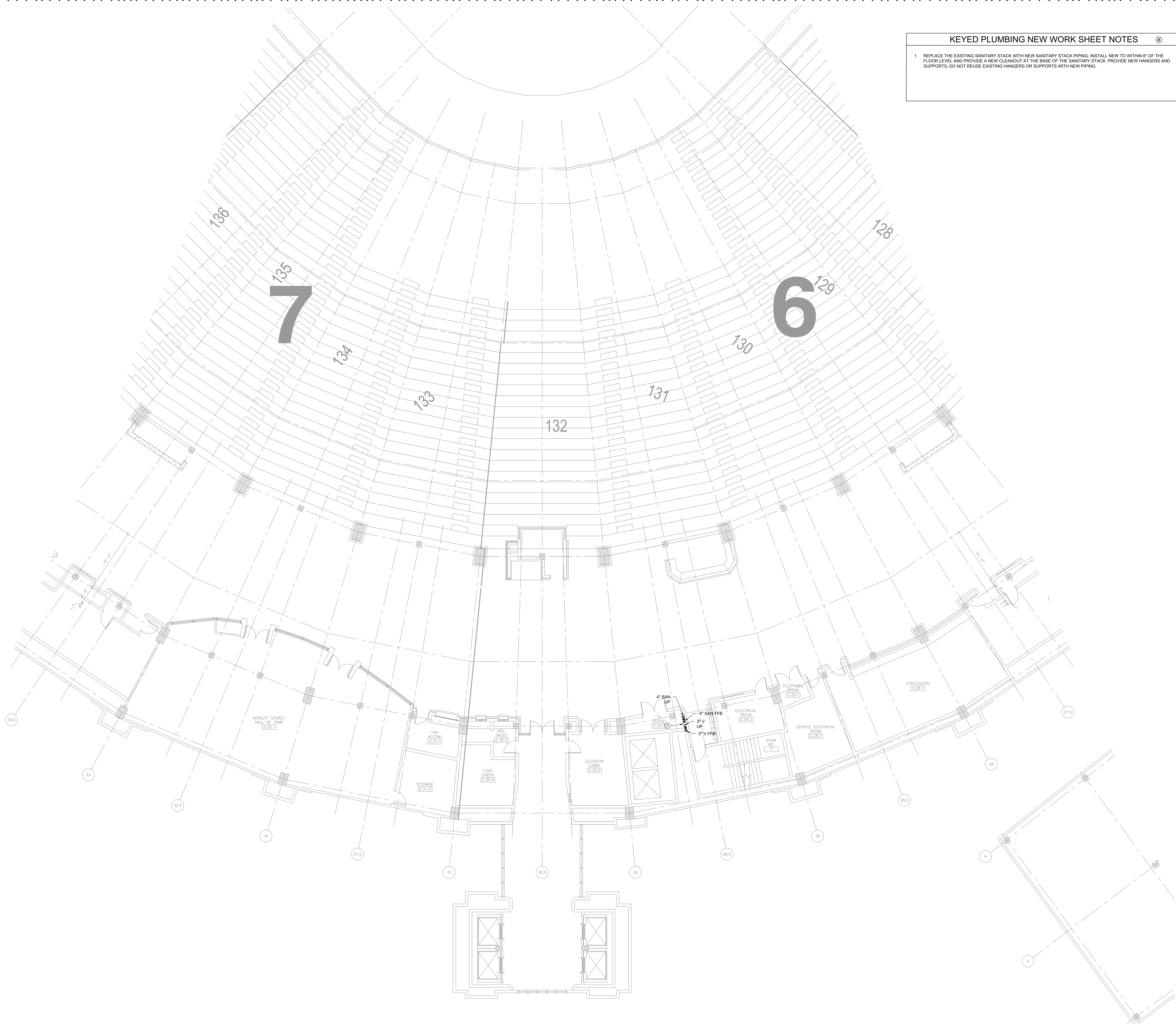
P06.S06

1 PLUMBING NEW WORK PLAN - SERVICE LEVEL - SECTION 6 AND 7 ENLARGED

SCALE: 1/8" = 1'-0"

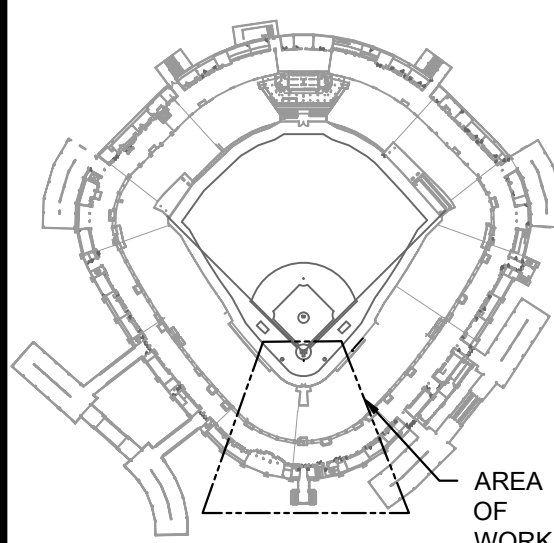
KEYED PLUMBING NEW WORK SHEET NOTES

1. REPLACE THE EXISTING SANITARY STACK WITH NEW SANITARY STACK PIPING. INSTALL NEW TO WITHIN 6" OF THE FLOOR LEVEL AND PROVIDE A NEW CLEANOUT AT THE BASE OF THE SANITARY STACK. PROVIDE NEW HANGERS AND SUPPORTS. DO NOT REUSE EXISTING HANGERS OR SUPPORTS WITH NEW PIPING.



1 PLUMBING NEW WORK PLAN - LEVEL 100 - SECTION 6 AND 7 ENLARGED

KEY PLAN:



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IFSA GUARANTEED RATE
FIELD - FY 2024 PLUMBING
WORK
333 W 35TH STREET,
CHICAGO, ILLINOIS 60616

DRAWING TITLE:

PLUMBING NEW WORK PLAN -
LEVEL 100 - SECTION 6 AND 7

DESIGNED BY:	CF
CHECKED BY:	JG
PROJECT NO:	23193
SCALE:	1/8" = 1'-0"

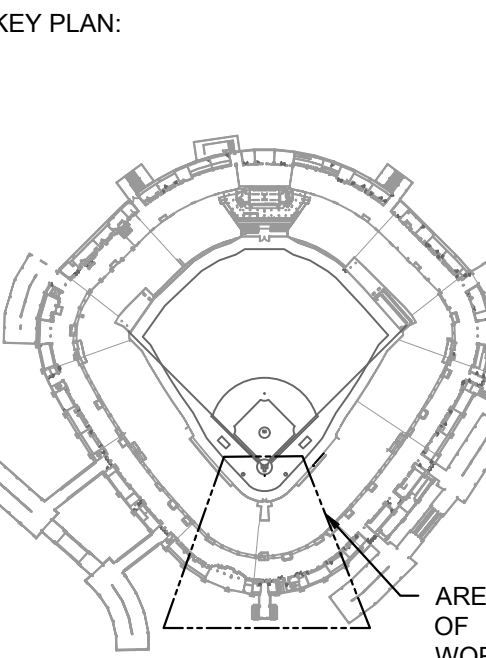
SHEET NO.

P06.106

KEYED PLUMBING NEW WORK SHEET NOTES

1. REPLACE THE EXISTING SANITARY PIPING WITH NEW SANITARY AND VENT PIPING. PROVIDE NEW HANGERS AND SUPPORTS. DO NOT REUSE EXISTING HANGERS OR SUPPORTS WITH NEW PIPING.

REPLACE ALL WATER PIPING INSIDE PIPE CHASES AND INSIDE WALLS THAT ARE OPENED UP TO PERFORM THE WASTE AND VENT PIPE REPLACEMENT SCOPE. THE INTENT HERE IS TO AVOID REOPENING THESE SAME WALLS NOW FROM BEING OPENED UP IN THE FUTURE IF THE SCOPE IN FUTURE PHASE IS TO CONTINUE REPLACEMENT OF GALVANIZED WATER PIPING FARTHER.



ISSUE/REVISION:		
REV.	DATE	DESCRIPTION
	09/1/2023	ISSUED FOR BID
Δ	09/13/2023	BID ADDENDUM #1

PROJECT:
IFSA GUARANTEED RATE
FIELD - FY 2024 PLUMBING
WORK
333 W 35TH STREET,
CHICAGO, ILLINOIS 60616

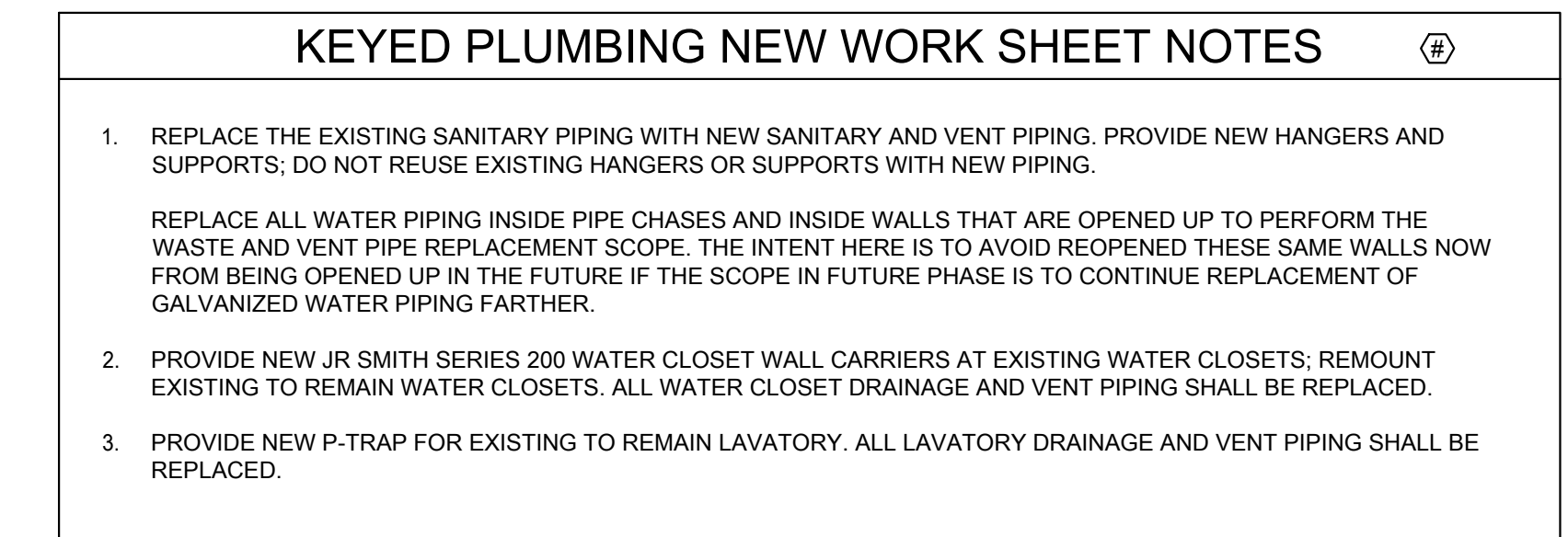
DRAWING TITLE:
PLUMBING NEW WORK PLAN -
LEVEL 200 - SECTION 6 AND 7

DESIGNED BY: CF
CHECKED BY: JG
PROJECT NO: 23193
SCALE: 1/32" = 1'-0"
SHEET NO:

P06.206

1 PLUMBING NEW WORK PLAN - LEVEL 200 - SECTION 6 AND 7 ENLARGED

SCALE: 1/8" = 1'-0"



T NO.

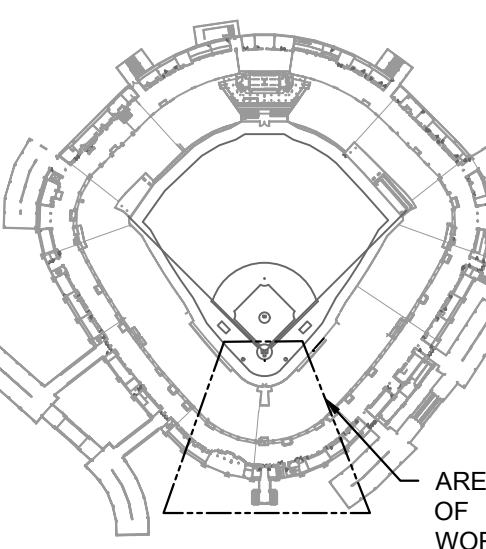
06.306

KEYED PLUMBING NEW WORK SHEET NOTES

1. REPLACE THE EXISTING SANITARY PIPING WITH NEW SANITARY AND VENT PIPING. PROVIDE NEW HANGERS AND SUPPORTS. DO NOT REUSE EXISTING HANGERS OR SUPPORTS WITH NEW PIPING.
- REPLACE ALL WATER PIPING INSIDE PIPE CHASES AND INSIDE WALLS THAT ARE OPENED UP TO PERFORM THE WASTE AND VENT PIPE REPLACEMENT SCOPE. THE INTENT HERE IS TO AVOID REOPENED THESE SAME WALLS NOW FROM BEING OPENED UP IN THE FUTURE IF THE SCOPE IN FUTURE PHASE IS TO CONTINUE REPLACEMENT OF GALVANIZED WATER PIPING FARTHER.



KEY PLAN:



ISSUE/REVISION:

REV.	DATE	DESCRIPTION
09/1/2023		ISSUED FOR BID
09/13/2023		BID ADDENDUM #1

PROJECT:

IFSA GUARANTEED RATE
FIELD - FY 2024 PLUMBING
WORK
333 W 35TH STREET,
CHICAGO, ILLINOIS 60616

DRAWING TITLE:

PLUMBING NEW WORK PLAN -
LEVEL 400 - SECTION 6 AND 7

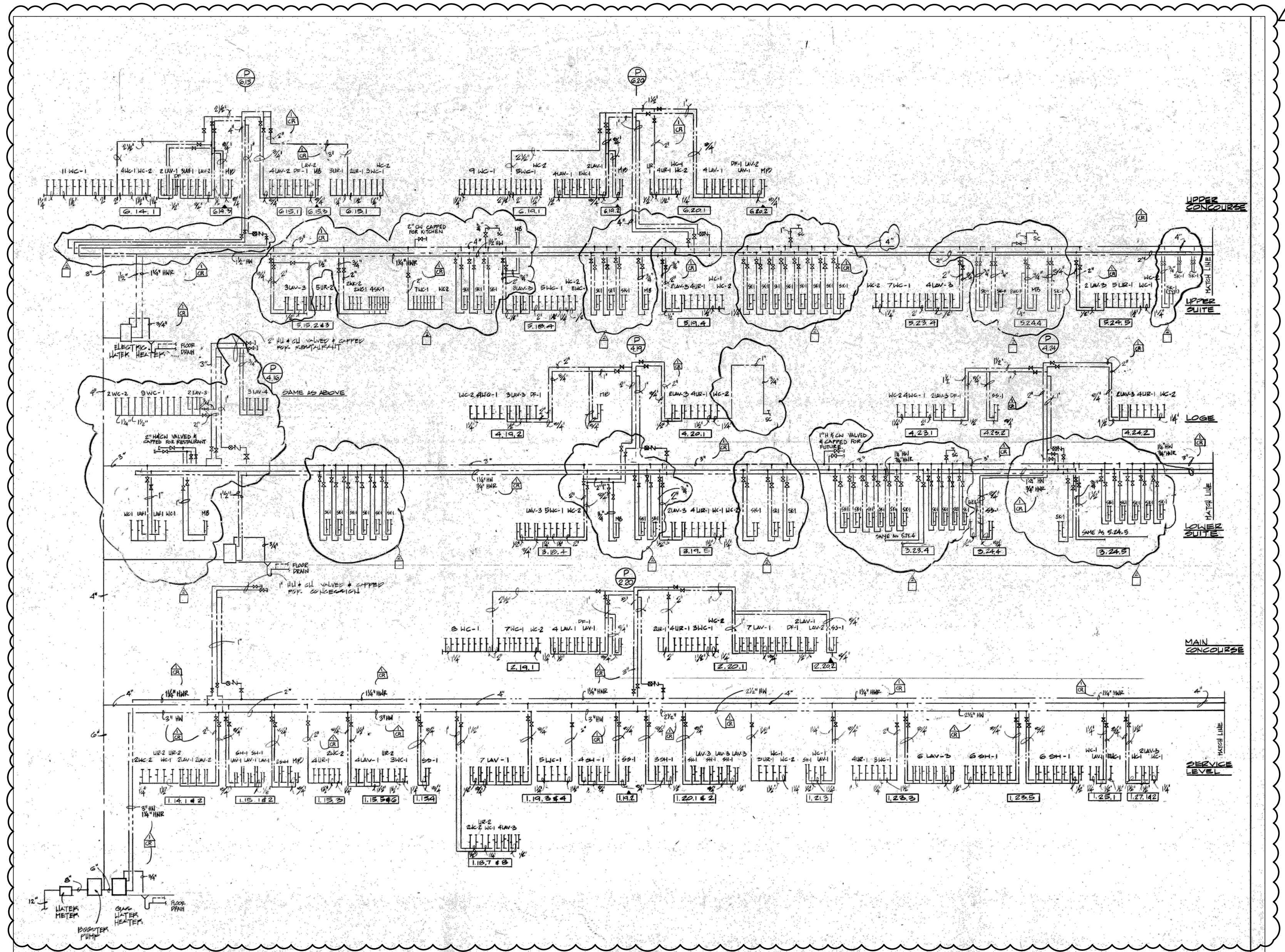
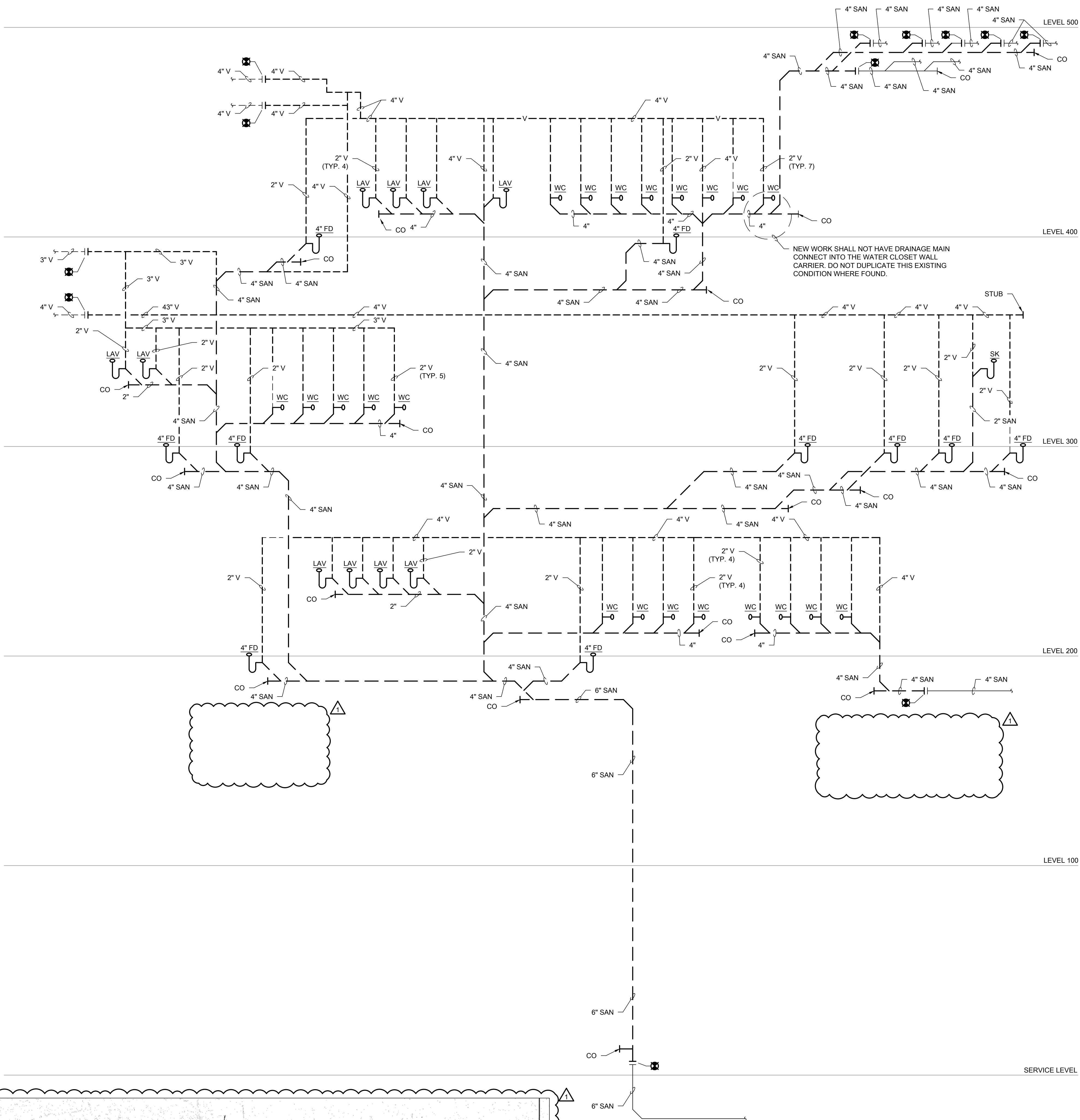
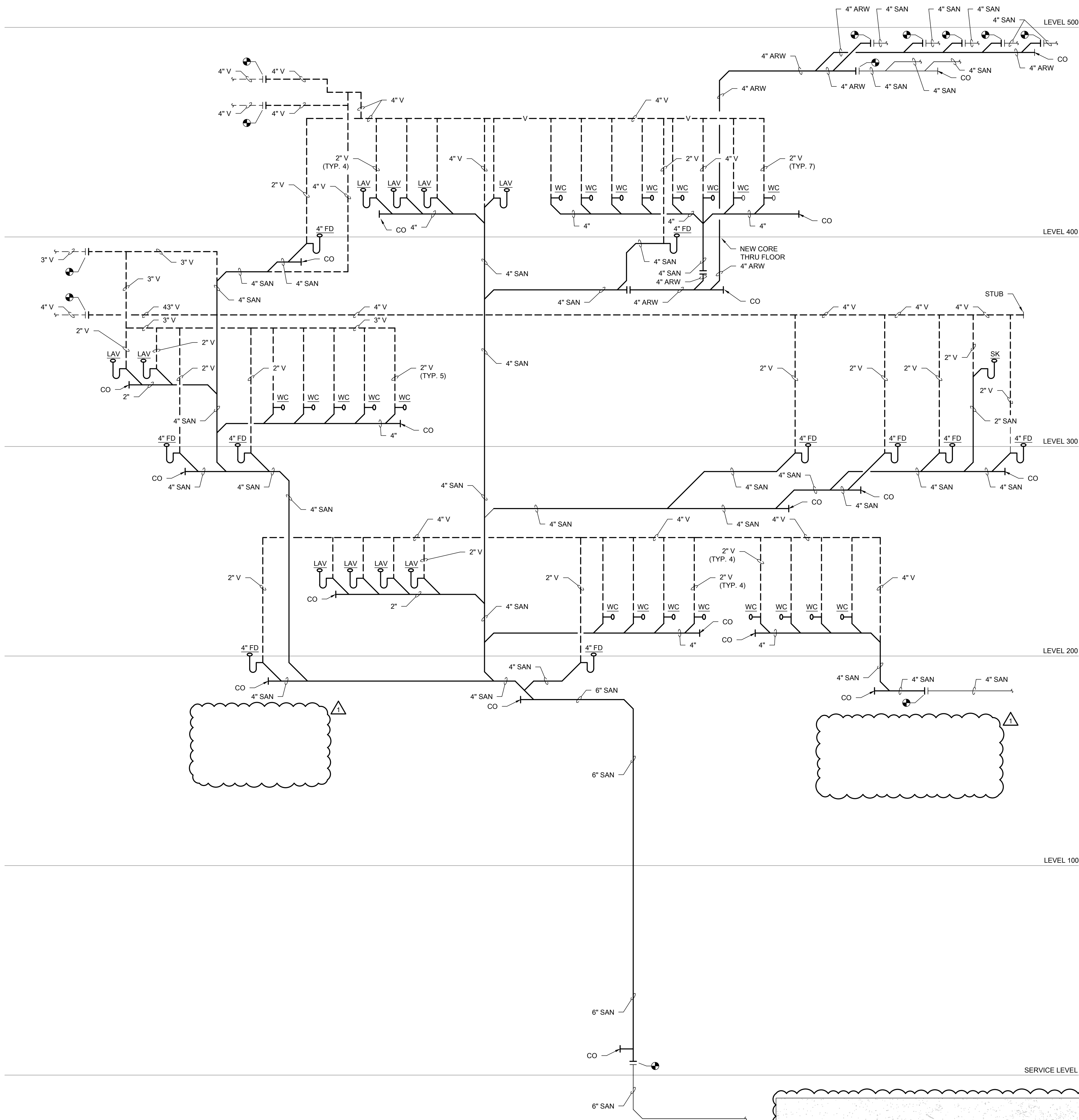
DESIGNED BY: CF
CHECKED BY: JG
PROJECT NO: 23193
SCALE: 1/32" = 1'-0"

SHEET NO.

P06.406

1 PLUMBING NEW WORK PLAN - LEVEL 400 - SECTION 6 AND 7 ENLARGED

SCALE: 1/8" = 1'-0"



KEY PLAN:

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09/13/2023		BID ADDENDUM #1

PROJECT:

IFSA GUARANTEED RATE
FIELD - FY 2024 PLUMBING
WORK

333 W 35TH STREET,
CHICAGO, ILLINOIS 60616

DRAWING TITLE:

RISER #1 DIAGRAMS

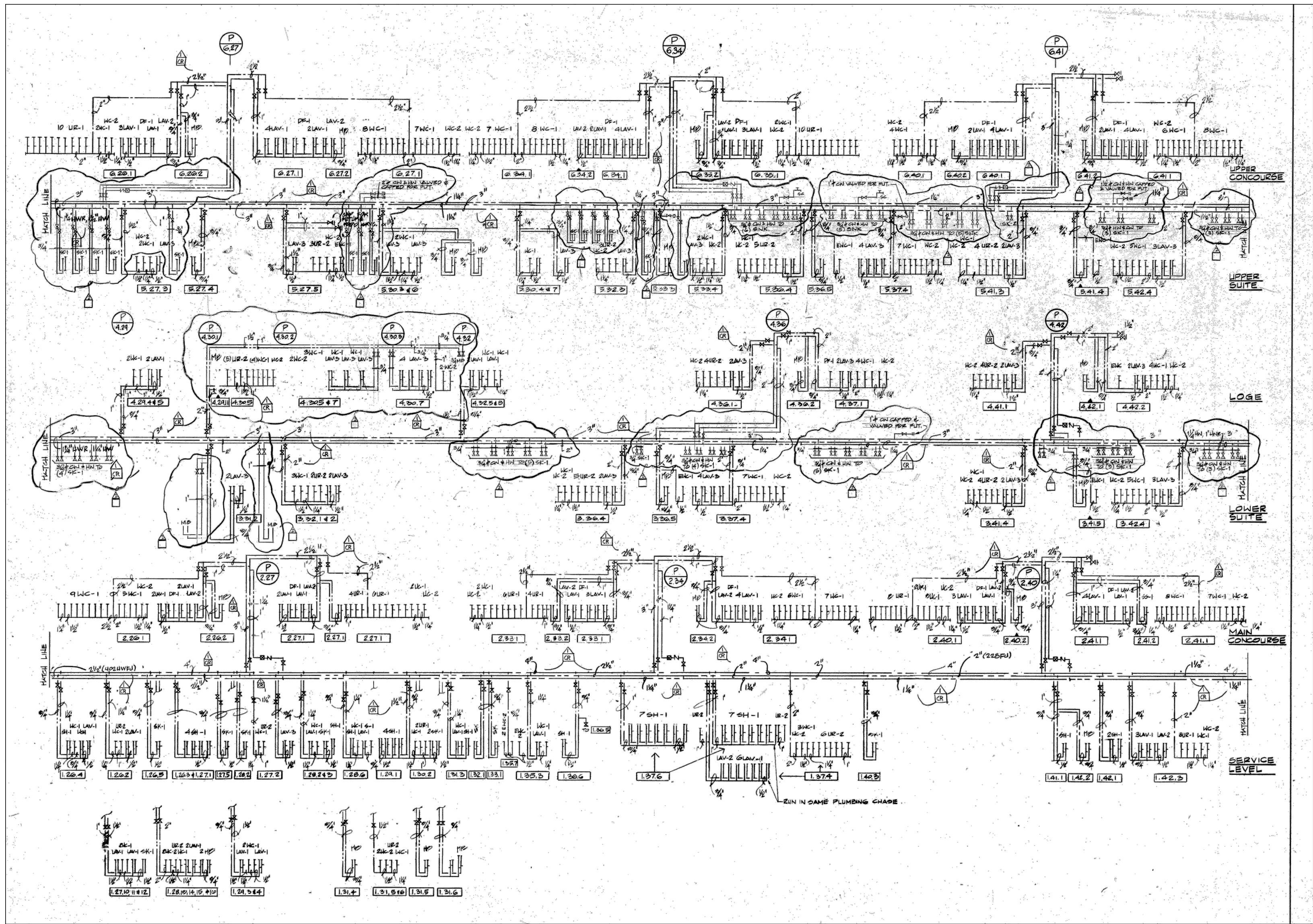
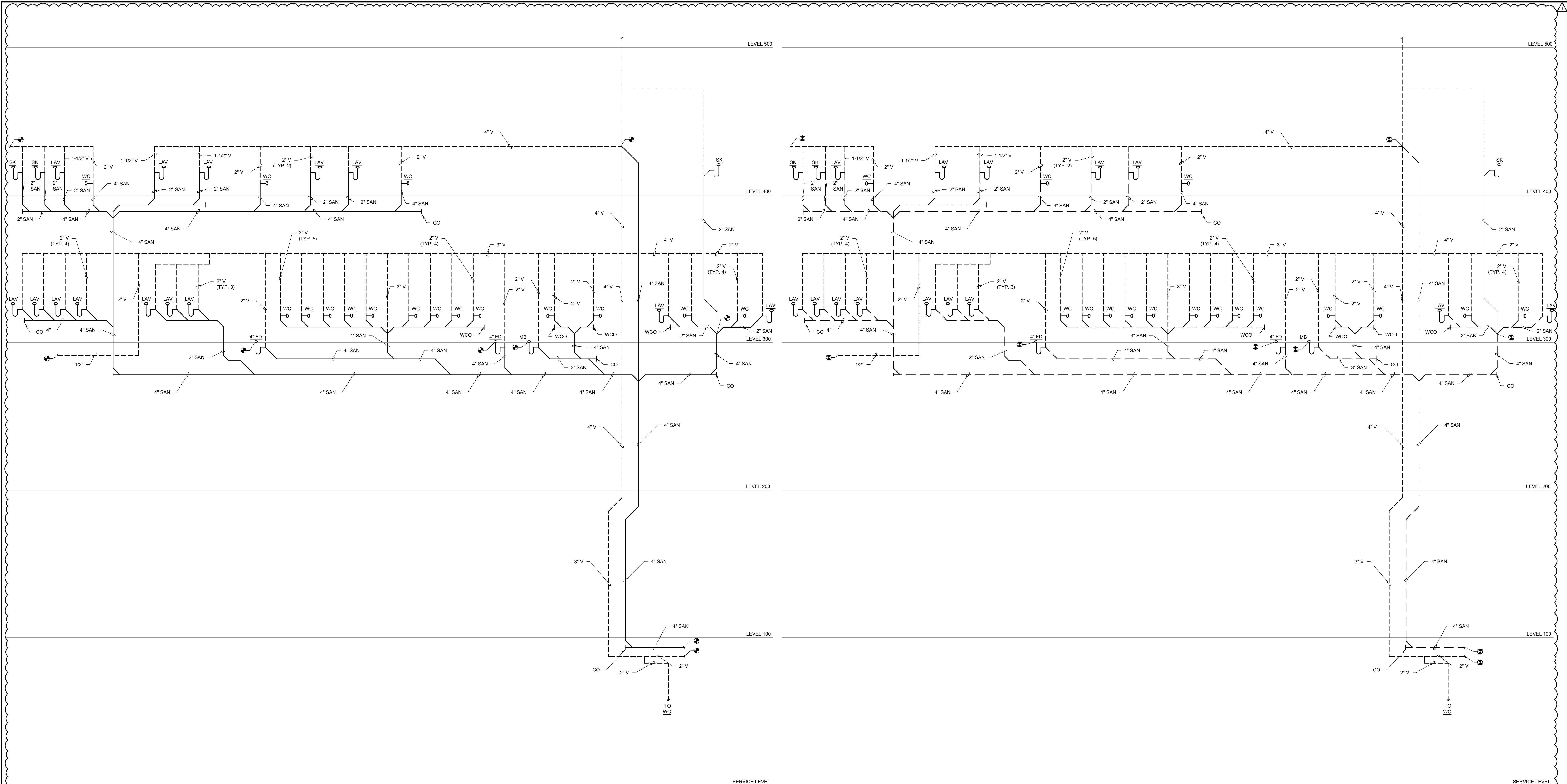
DESIGNED BY: CF

CHECKED BY: JG

PROJECT NO: 23193

SCALE: NO SCALE

SHEET NO.



KEY PLAN:

ISSUE/REVISION:

REV.	DATE	DESCRIPTION
09/1/2023		ISSUED FOR BID
09/13/2023		BID ADDENDUM #1

PROJECT:

IFSA GUARANTEED RATE
FIELD - FY 2024 PLUMBING
WORK

333 W 35TH STREET,
CHICAGO, ILLINOIS 60616

DRAWING TITLE:

RISER #2 DIAGRAM

DESIGNED BY: CF

CHECKED BY: JG

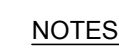
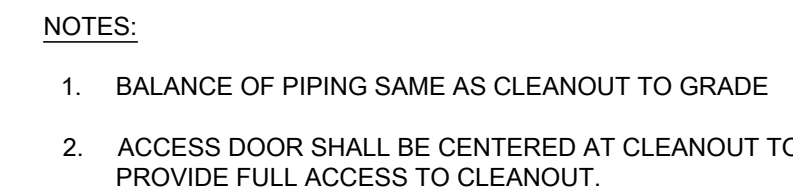
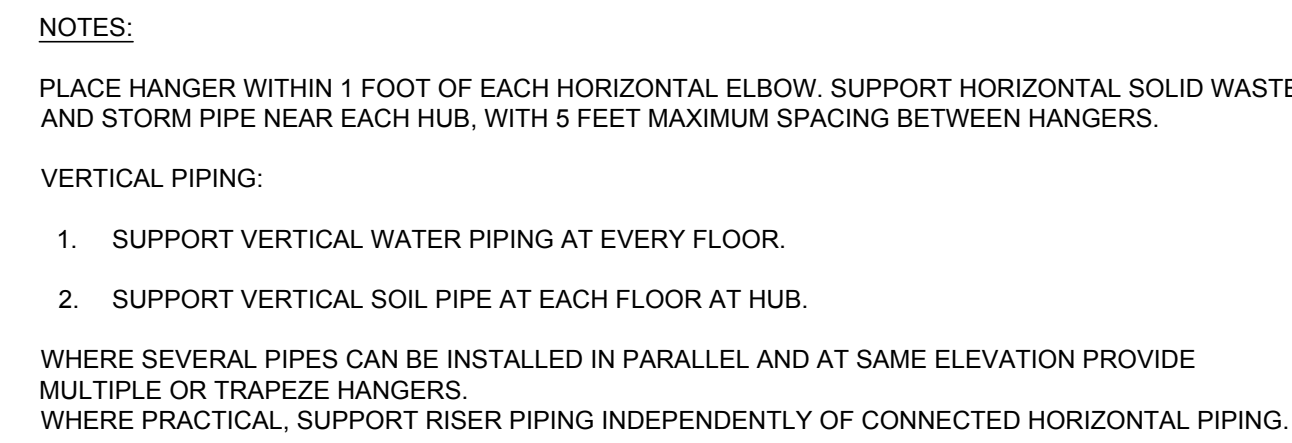
PROJECT NO: 23193

SCALE: NO SCALE

SHEET NO.

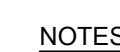
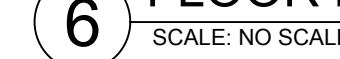


- NOTES:
1. PENETRATION DETAILS AT ACOUSTICALLY CRITICAL PARTITIONS - SEE ARCH. PLANS FOR WALL LOCATIONS AND SPECS. FOR MORE INFORMATION.
 2. REFER TO SPECIFICATIONS FOR MATERIALS AND METHODS. REFER TO STRUCTURAL DRAWINGS FOR CONCRETE DIMENSIONS AND ELEVATIONS.



1. IDENTIFICATION MARKERS ARE TO BE PLACED ON ALL COVERED AND UNCOVERED PIPES AT 50'-0" INTERVALS, ADJACENT TO ALL VALVES OR BRANCHES, AND LOCATED AT BOTH SIDES OF A WALL/FLOOR PENETRATION. ARROWS OF SAME COLOR SHALL ALSO BE PLACED ON PIPES POINTING AWAY FROM MARKER INDICATING THE DIRECTION OF FLOW.

PLAN TAG	SERVICE	IDENTIFICATION MARKER
SAN	SANITARY	WHITE LETTERING ON GREEN BACKGROUND
V	VENT	WHITE LETTERING ON GREEN BACKGROUND
ST	STORM	WHITE LETTERING ON GREEN BACKGROUND
NP	NON-POTABLE COLD WATER	BLACK LETTERING ON YELLOW BACKGROUND
CW	DOMESTIC COLD WATER	WHITE LETTERING ON GREEN BACKGROUND
DHW	DOMESTIC HOT WATER	BLACK LETTERING ON YELLOW BACKGROUND
HWR	DOMESTIC HOT WATER RETURN	BLACK LETTERING ON YELLOW BACKGROUND



1. ABBREVIATIONS SHALL BE INDICATED FOR EACH DESIGN SYSTEM AS THEY APPEAR ON THE DESIGN DRAWINGS.
2. VALVE TAGS SHALL BE INDICATED IN "V" VALVE CHARTS' AND ON 'PROJECT RECORD' DRAWINGS AND SHALL CORRELATE WITH TAG I.D.'S.
3. ALL SYSTEMS ON-OFF, CONTROL AND BALANCING VALVES SHOULD HAVE AN ASTERISK.
4. PROVIDE 8.5" X 11" VALVE TAG SHEETS IN A 3-RING BINDER FOR REPRODUCTION AND/OR FUTURE EDITING.
5. REFERENCE ALL VALVE TAGS TO "VALVE TAG CHARTS", "AS BUILT DRAWINGS", AND "O & M MANUAL DATA" (INDEX VALVES PER CHART EXAMPLE VALVE TAG CHART BELOW):

8 SCALE: NO SCALE

[illegible]

PROJECT:
SA GUARANTEED RATE
FIELD - FY 2024 PLUMBING
WORK

1 W 35TH STREET,
CHICAGO, ILLINOIS 60616

DRAWING TITLE:
CLIMBING DETAILS

SIGNED BY:	CF
CHECKED BY:	JG
PROJECT NO:	23193
SCALE:	1/8" = 1'-0"
SHEET NO.	

P08.002