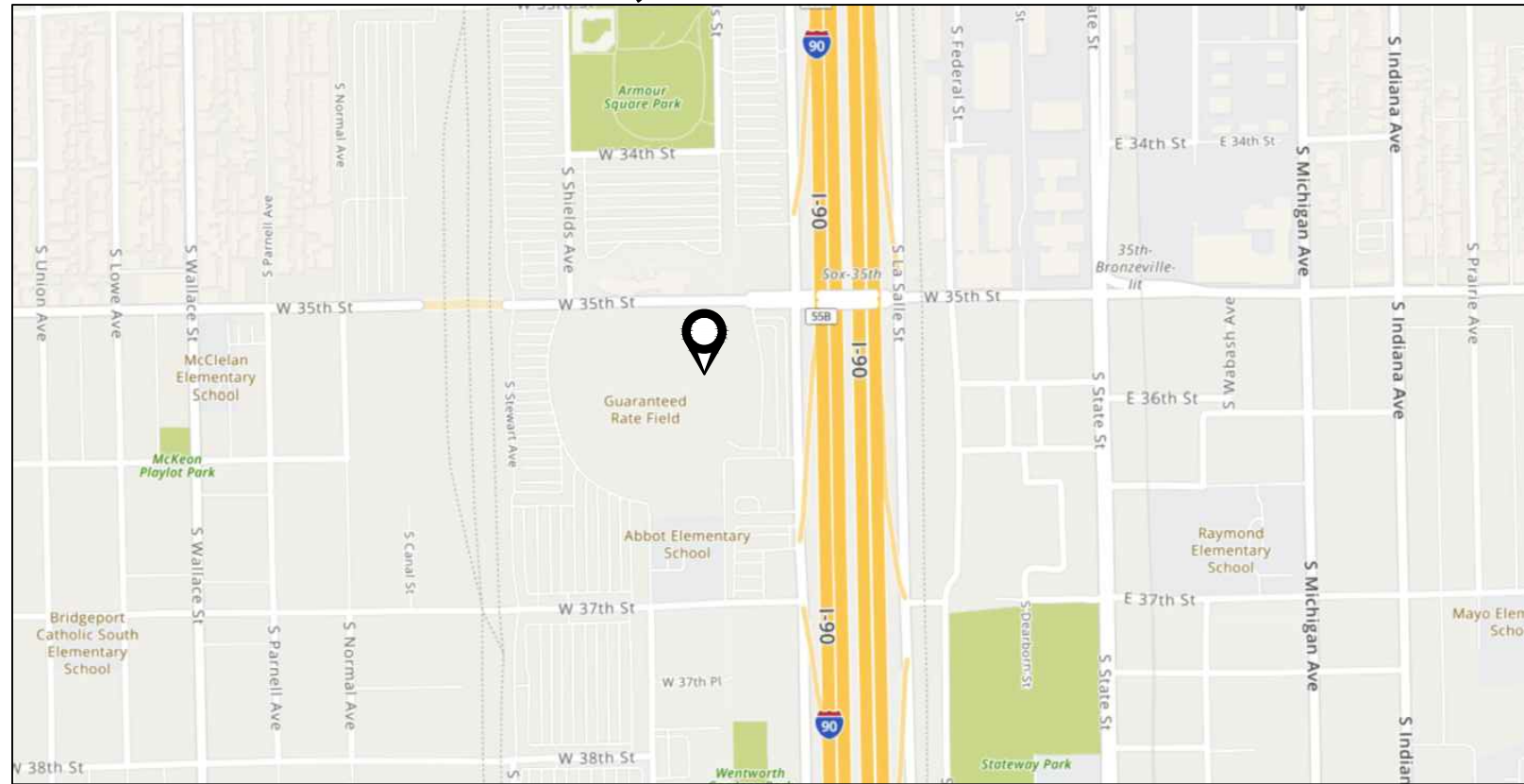


# IFSA - GUARANTEED RATE STADIUM - WASTE/VENT PIPING FY23

333 W 35TH STREET  
CHICAGO, ILLINOIS 60616



1 LOCATION MAP  
SCALE: NO SCALE

## SHEET LIST TABLE

| SHEET NUMBER | SHEET TITLE                                                    |
|--------------|----------------------------------------------------------------|
| P0.001       | PLUMBING TITLE SHEET                                           |
| P02.505      | PLUMBING DEMOLITION PLAN - SERVICE LEVEL SEC. 05 ENLARGED PLAN |
| P02.105      | PLUMBING DEMOLITION PLAN - 100 LEVEL SEC. 05 ENLARGED PLAN     |
| P02.205      | PLUMBING DEMOLITION PLAN - 200 LEVEL SEC. 05 ENLARGED PLAN     |
| P02.305      | PLUMBING DEMOLITION PLAN - 300 LEVEL SEC. 05 ENLARGED PLAN     |
| P02.405      | PLUMBING DEMOLITION PLAN - 400 LEVEL SEC. 05 ENLARGED PLAN     |
| P1.506       | PLUMBING NEW WORK PLAN - SERVICE LEVEL SEC 06                  |
| P1.510       | PLUMBING NEW WORK PLAN - SERVICE LEVEL SEC 10                  |
| P1.101       | PLUMBING NEW WORK PLAN - LEVEL 100 SEC. 01 ENLARGED PLAN       |
| P1.102       | PLUMBING NEW WORK PLAN - LEVEL 100 SEC. 02 ENLARGED PLAN       |
| P1.103       | PLUMBING NEW WORK PLAN - LEVEL 100 SEC. 03 ENLARGED PLAN       |
| P1.104       | PLUMBING NEW WORK PLAN - LEVEL 100 SEC. 04 ENLARGED PLAN       |
| P1.105       | PLUMBING NEW WORK PLAN - LEVEL 100 SEC. 05 ENLARGED PLAN       |
| P1.106       | PLUMBING NEW WORK PLAN - LEVEL 100 SEC. 06 ENLARGED PLAN       |
| P1.108       | PLUMBING NEW WORK PLAN - LEVEL 100 SEC. 08 ENLARGED PLAN       |
| P1.109       | PLUMBING NEW WORK PLAN - LEVEL 100 SEC. 09 ENLARGED PLAN       |
| P1.110       | PLUMBING NEW WORK PLAN - LEVEL 100 SEC. 10 ENLARGED PLAN       |
| P1.111       | PLUMBING NEW WORK PLAN - LEVEL 100 SEC. 11 ENLARGED PLAN       |
| P1.304       | PLUMBING NEW WORK PLAN - LEVEL 300 SEC. 04 ENLARGED PLAN       |
| P1.305       | PLUMBING NEW WORK PLAN - LEVEL 300 SEC. 05 ENLARGED PLAN       |
| P1.306       | PLUMBING NEW WORK PLAN - LEVEL 300 SEC. 06 ENLARGED PLAN       |
| P1.308       | PLUMBING NEW WORK PLAN - LEVEL 300 SEC. 08 ENLARGED PLAN       |
| P1.309       | PLUMBING NEW WORK PLAN - LEVEL 300 SEC. 09 ENLARGED PLAN       |
| P1.504       | PLUMBING NEW WORK PLAN - LEVEL 500 SEC. 04 ENLARGED PLAN       |
| P1.505       | PLUMBING NEW WORK PLAN - LEVEL 500 SEC. 05 ENLARGED PLAN       |
| P1.506       | PLUMBING NEW WORK PLAN - LEVEL 500 SEC. 06 ENLARGED PLAN       |
| P1.507       | PLUMBING NEW WORK PLAN - LEVEL 500 SEC. 07 ENLARGED PLAN       |
| P1.508       | PLUMBING NEW WORK PLAN - LEVEL 500 SEC. 08 ENLARGED PLAN       |
| P1.509       | PLUMBING NEW WORK PLAN - LEVEL 500 SEC. 09 ENLARGED PLAN       |
| P2.505       | PLUMBING NEW WORK PLAN - SERVICE LEVEL SEC. 05 ENLARGED PLAN   |
| P2.105       | PLUMBING NEW WORK PLAN - 100 LEVEL SEC. 05 ENLARGED PLAN       |
| P2.205       | PLUMBING NEW WORK PLAN - 200 LEVEL SEC. 05 ENLARGED PLAN       |
| P2.305       | PLUMBING NEW WORK PLAN - 300 LEVEL SEC. 05 ENLARGED PLAN       |
| P2.405       | PLUMBING NEW WORK PLAN - 400 LEVEL SEC. 05 ENLARGED PLAN       |
| P3.001       | PLUMBING RISER DIAGRAM                                         |
| P4.001       | PLUMBING DETAILS                                               |
| P5.001       | PLUMBING SPECIFICATIONS                                        |

## PLUMBING SYMBOLS

### PIPING

|  |                                            |
|--|--------------------------------------------|
|  | NEW PIPING                                 |
|  | EXISTING PIPING TO REMAIN                  |
|  | EXISTING PIPING TO BE DEMOLISHED           |
|  | COLD WATER SUPPLY                          |
|  | HOT WATER SUPPLY                           |
|  | HOT WATER RETURN                           |
|  | VENT PIPING                                |
|  | AIR CHAMBER/WATER HAMMER ARRESTOR          |
|  | BACKFLOW PREVENTER                         |
|  | BALL VALVE                                 |
|  | BALANCING VALVE                            |
|  | BUTTERFLY VALVE                            |
|  | CHECK VALVE                                |
|  | DIRECTION OF FLOW                          |
|  | DIRECTION OF PIPE PITCH, DOWN              |
|  | FLEXIBLE PIPE CONNECTOR (OR CONNECTION)    |
|  | GATE VALVE                                 |
|  | PIPE ANCHOR                                |
|  | PIPE BREAK                                 |
|  | PIPE CAP                                   |
|  | PIPE DROPR/RISE                            |
|  | PIPE ELBOW, 45° HORIZONTAL                 |
|  | PIPE ELBOW, 90° HORIZONTAL                 |
|  | PIPE ELBOW, DOWN AND 90° HORIZONTAL        |
|  | PIPE ELBOW, TURNED DOWN                    |
|  | PIPE ELBOW, TURNED UP                      |
|  | PIPE REDUCER/INCREASER                     |
|  | PIPE TEE, DOWN                             |
|  | PIPE TEE, FOUR-WAY, HORIZONTAL             |
|  | PIPE TEE, HORIZONTAL                       |
|  | PIPE TEE, TOP CONNECTION, 45° OR 90° ELBOW |
|  | PIPE TEE, UP                               |
|  | PIPE UNION                                 |
|  | PRESSURE GAUGE                             |
|  | PRESSURE REDUCING/REGULATING VALVE         |
|  | PUMP                                       |
|  | THERMOSTATIC MIXING VALVE                  |
|  | THERMOMETER                                |
|  | VACUUM RELIEF VALVE                        |

### GENERAL

|  |                   |                                             |
|--|-------------------|---------------------------------------------|
|  | TYPE NUMBER       | EQUIPMENT TAG                               |
|  | RISER TYPE NUMBER | RISER TAG                                   |
|  |                   | FLOOR DRAIN                                 |
|  |                   | POINT OF CONNECTION OF NEW TO EXISTING WORK |
|  |                   | POINT OF DEMOLITION TO EXISTING WORK        |

NOTE: NOT ALL SYMBOLS LISTED ABOVE MAY BE USED OR APPEAR IN THESE DRAWINGS.

## ABBREVIATIONS

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

NOTE: NOT ALL ABBREVIATIONS LISTED ABOVE MAY BE USED OR APPEAR IN THESE DRAWINGS.

## PROJECT SCOPE OF WORK

- 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.
- EPOXY LINING OF FLOOR SINKS AND FLOOR DRAINS IN CONCESSIONS STANDS LOCATED THROUGHOUT THE 100 AND 500 LEVEL CONCOURSES.
- DEMOLISH AND REPLACE SCOUTS PREP AREA 01.27 06 GREASE INTERCEPTOR.
- ROD OUT EXISTING PAINT SHOP UNDERGROUND DRAIN LINE AND VIDEO RECORD AND LOCATE UNDERGROUND PIPE AND ITS ROUTING.
- DEMOLISH AND REPAIR EXISTING FAILED FLOOR CLEANOUT AT LEVEL 500.



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Hillside, IL 60162  
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## KEY PLAN

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### PROJECT:

GUARANTEED RATE FIELD -  
WASTE/VENT PIPING FY23

333 W 35TH STREET,  
CHICAGO, ILLINOIS 60616

### DRAWING TITLE:

PLUMBING TITLE SHEET

DESIGNED BY: CF  
CHECKED BY: MS  
PROJECT NO: 22285  
SCALE: NO SCALE

### SHEET NO.

P0.001





1 PLUMBING DEMOLITION PLAN - SERVICE LEVEL SECTION 5 ENLARGED PLAN

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.

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ILLINOIS SPORTS  
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KEY PLAN

VIEW 1

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| REV.            | DATE     | DESCRIPTION   |
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PROJECT:  
GUARANTEED RATE FIELD -  
WASTE/VENT PIPING FY23

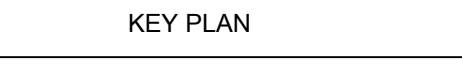
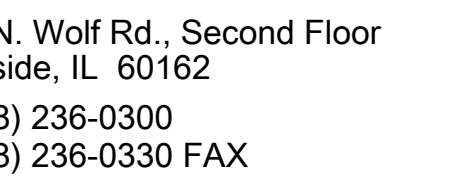
333 W 35TH STREET,  
CHICAGO, ILLINOIS 60616

DRAWING TITLE:  
PLUMBING DEMOLITION PLAN  
- SERVICE LEVEL SEC. 05  
ENLARGED PLAN

DESIGNED BY: DA  
CHECKED BY: MS  
PROJECT NO: 22285  
SCALE: 1/8" = 1'-0"  
SHEET NO.

PD2.S05





35TH STREET,  
GO, ILLINOIS 60616

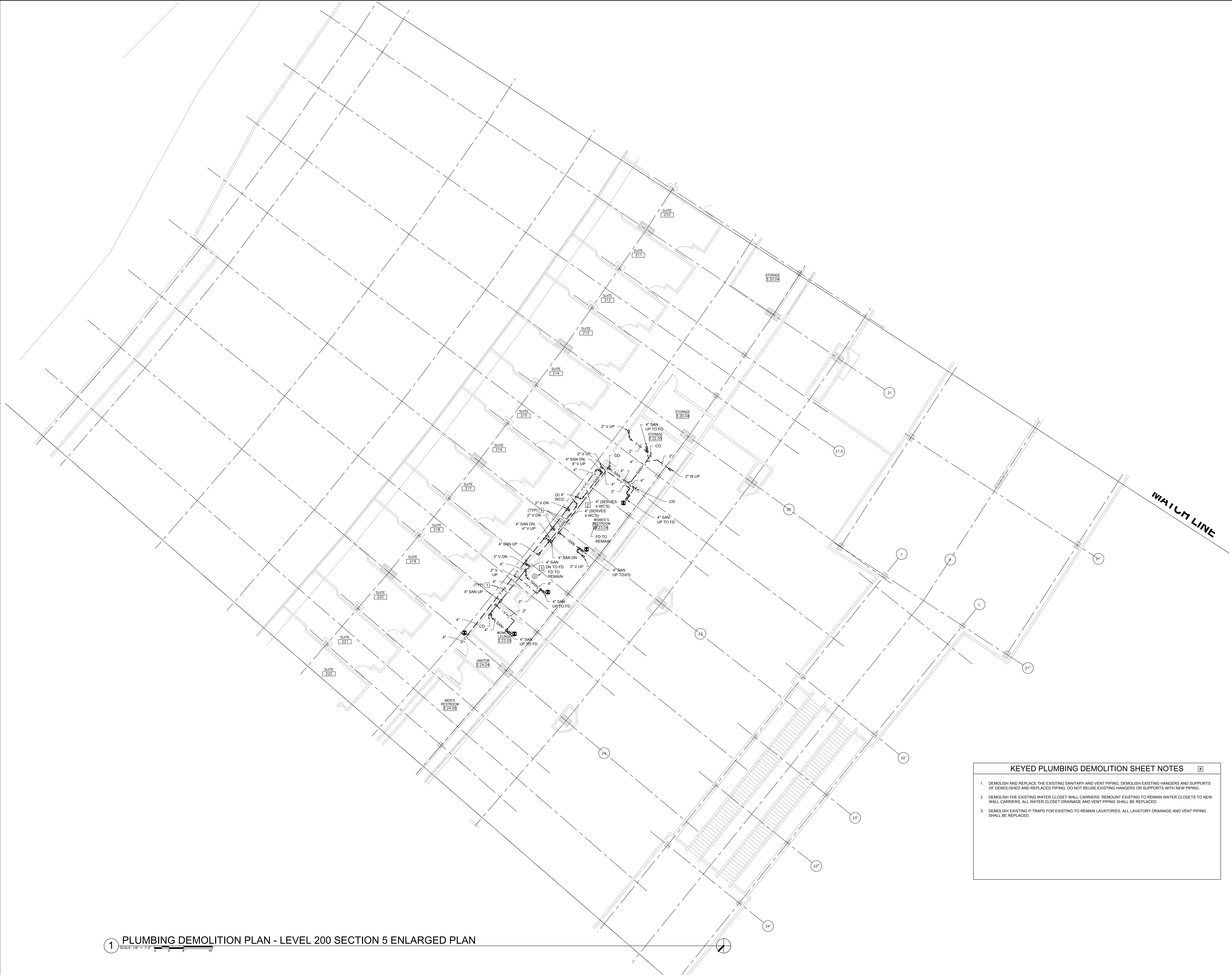
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BUILDING DEMOLITION PLAN  
10 LEVEL SEC. 05  
TARGETED PLAN

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| DESIGNED BY: | DA           |
| CHECKED BY:  | MS           |
| PROJECT NO:  | 22285        |
| SCALE:       | 1/8" = 1'-0" |

PD2.105

1 PLUMBING DEMOLITION PLAN - LEVEL 100 SECTION 5 ENLARGED PLAN  
SCALE: 1/8" = 1'-0"





1 PLUMBING DEMOLITION PLAN - LEVEL 200 SECTION 5 ENLARGED PLAN

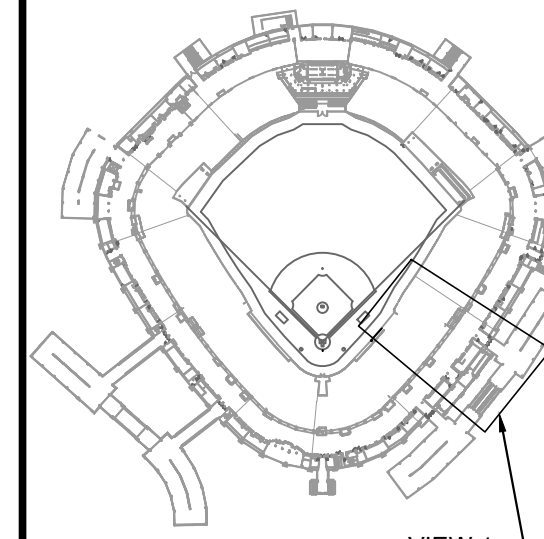
SCALE: 1/8" = 1'-0"



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KEY PLAN



ISSUE/REVISION:

| REV. | DATE     | DESCRIPTION   |
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PROJECT:  
GUARANTEED RATE FIELD -  
WASTE/VENT PIPING FY23

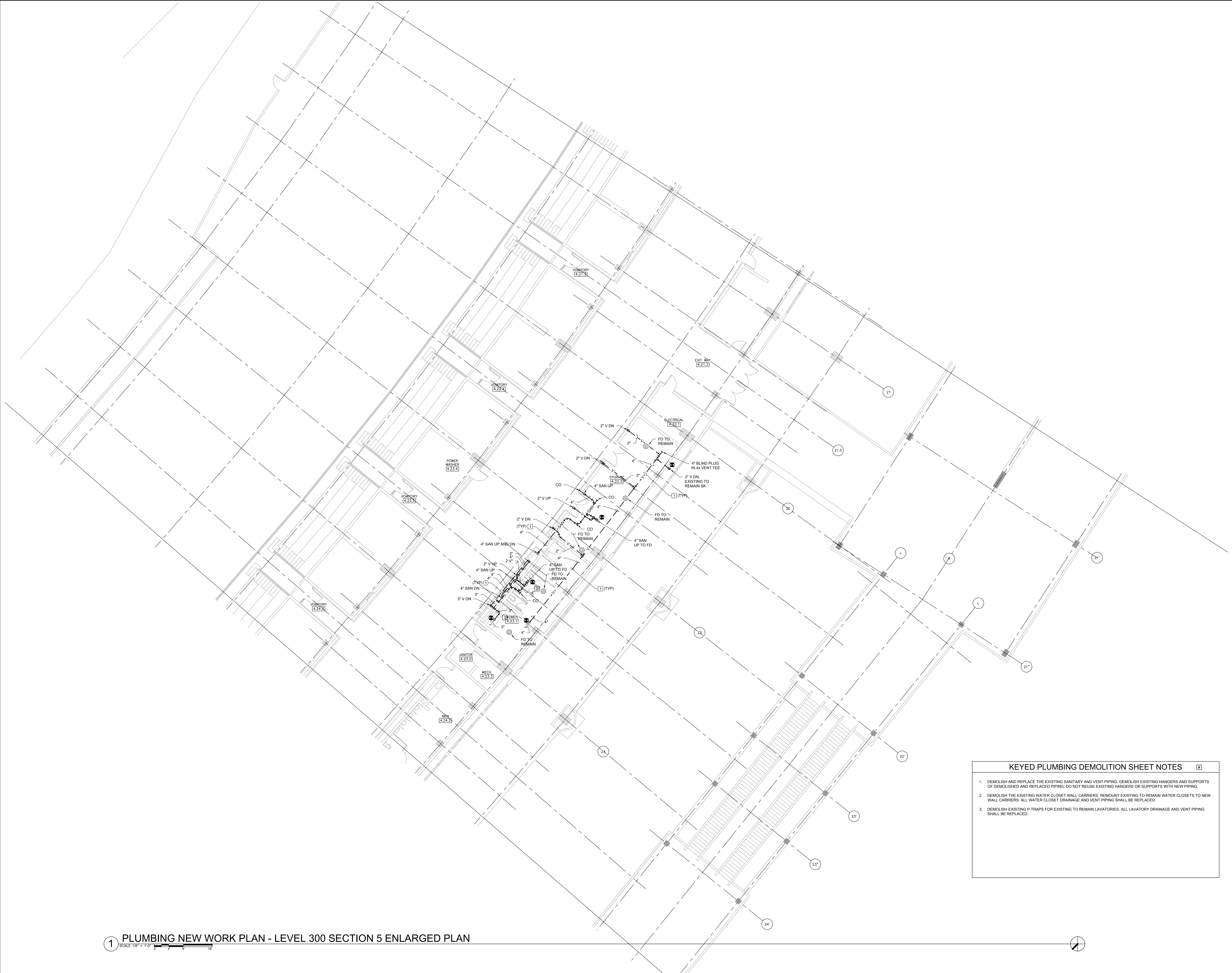
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DRAWING TITLE:  
PLUMBING DEMOLITION PLAN  
- 200 LEVEL SEC. 05  
ENLARGED PLAN

DESIGNED BY: DA  
CHECKED BY: MS  
PROJECT NO: 22285  
SCALE: 1/8" = 1'-0"  
SHEET NO.

PD2.205





1 PLUMBING NEW WORK PLAN - LEVEL 300 SECTION 5 ENLARGED PLAN

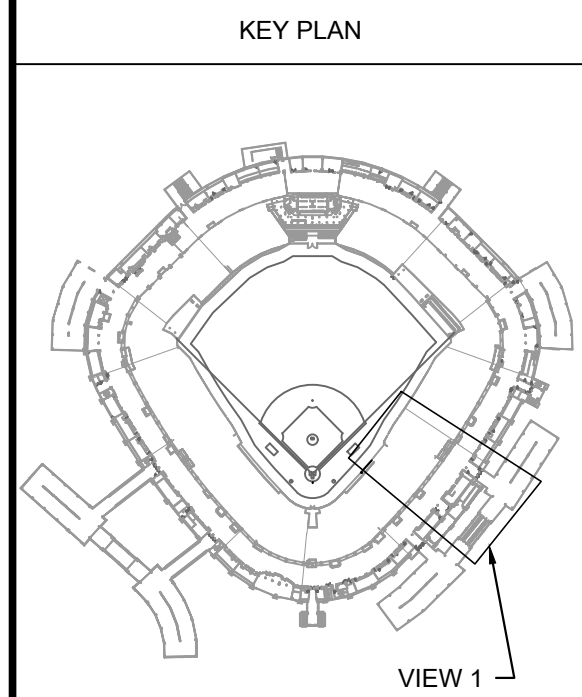
SCALE: 1/8" = 1'-0"

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.

2. 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.

3. DEMOLISH EXISTING P-TRAPS FOR EXISTING TO REMAIN LAVATORIES. ALL LAVATORY DRAINAGE AND VENT PIPING SHALL BE REPLACED.



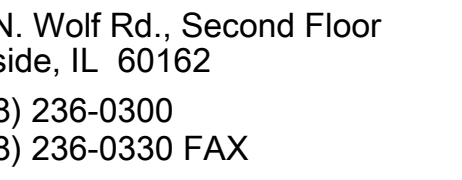
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PROJECT:  
GUARANTEED RATE FIELD -  
WASTE/VENT PIPING FY23  
  
333 W 35TH STREET,  
CHICAGO, ILLINOIS 60616

DRAWING TITLE:  
PLUMBING DEMOLITION PLAN  
- 300 LEVEL SEC. 05  
ENLARGED PLAN

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| DESIGNED BY: | DA           |
| CHECKED BY:  | MS           |
| PROJECT NO.: | 22285        |
| SCALE:       | 1/8" = 1'-0" |
| SHEET NO.    |              |



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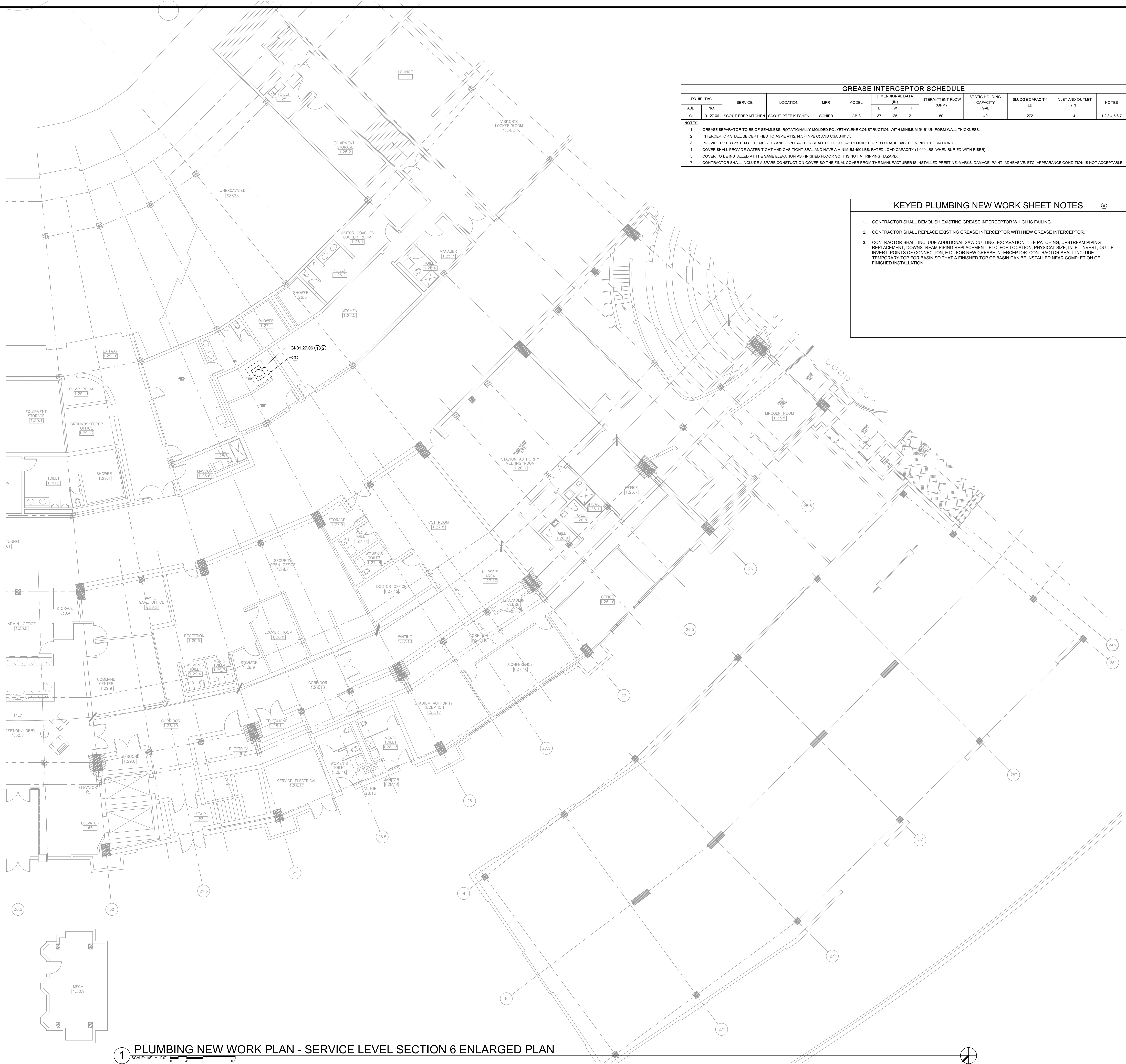
35TH STREET,  
GO, ILLINOIS 60616

PROJECT TITLE:  
 REMAINING DEMOLITION PLAN  
 10 LEVEL SEC. 05  
 TARGETED PLAN

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|--------------|-----------------|
| DESIGNED BY: | DA              |
| CHECKED BY:  | MS              |
| PROJECT NO:  | 22285           |
| SCALE:       | $H/B^* = 1'-0"$ |
| DATE:        |                 |
| BY NO.       |                 |

PD2.405





| GREASE INTERCEPTOR SCHEDULE                                                                                                                                                                        |      |          |                    |                    |        |       |                       |    |    |                         |                               |                      |                       |               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------|--------------------|--------------------|--------|-------|-----------------------|----|----|-------------------------|-------------------------------|----------------------|-----------------------|---------------|
| EQUIP. TAG                                                                                                                                                                                         | ABB. | NO.      | SERVICE            | LOCATION           | MFR    | MODEL | DIMENSIONAL DATA (IN) |    |    | INTERMITTENT FLOW (GPM) | STATIC HOLDING CAPACITY (GAL) | SLUDGE CAPACITY (LB) | INLET AND OUTLET (IN) | NOTES         |
|                                                                                                                                                                                                    | ABB. | NO.      |                    |                    |        |       | L                     | W  | H  |                         |                               |                      |                       |               |
|                                                                                                                                                                                                    |      | 01-27-06 | SCOUT PREP KITCHEN | SCOUT PREP KITCHEN | SCHIER | GB-3  | 37                    | 28 | 21 | 50                      | 40                            | 272                  | 4                     | 1,2,3,4,5,6,7 |
| NOTES:                                                                                                                                                                                             |      |          |                    |                    |        |       |                       |    |    |                         |                               |                      |                       |               |
| 1 GREASE SEPARATOR TO BE OF SEAMLESS, ROTATIONALLY-MOLDED POLYETHYLENE CONSTRUCTION WITH MINIMUM 5/16" UNIFORM WALL THICKNESS.                                                                     |      |          |                    |                    |        |       |                       |    |    |                         |                               |                      |                       |               |
| 2 INTERCEPTOR SHALL BE CERTIFIED TO ASME A12.14.3 (TYPE C) AND CSA B481.1.                                                                                                                         |      |          |                    |                    |        |       |                       |    |    |                         |                               |                      |                       |               |
| 3 PROVIDE RISER SYSTEM (IF REQUIRED) AND CONTRACTOR SHALL FIELD CUT AS REQUIRED UP TO GRADE BASED ON INLET ELEVATIONS.                                                                             |      |          |                    |                    |        |       |                       |    |    |                         |                               |                      |                       |               |
| 4 COVER SHALL PROVIDE WATER-TIGHT AND GAS-TIGHT SEAL AND HAVE A MINIMUM 450 LBS. RATED LOAD CAPACITY (1,000 LBS. WHEN BURIED WITH RISER).                                                          |      |          |                    |                    |        |       |                       |    |    |                         |                               |                      |                       |               |
| 5 COVER TO BE INSTALLED AT THE SAME ELEVATION AS FINISHED FLOOR SO IT IS NOT A TRIPPING HAZARD.                                                                                                    |      |          |                    |                    |        |       |                       |    |    |                         |                               |                      |                       |               |
| 6 CONTRACTOR SHALL INCLUDE A SPARE CONSTRUCTION COVER SO THE FINAL COVER FROM THE MANUFACTURER IS INSTALLED PRESTINE, MARKS, DAMAGE, PAINT, ADHESIVE, ETC. APPEARANCE CONDITION IS NOT ACCEPTABLE. |      |          |                    |                    |        |       |                       |    |    |                         |                               |                      |                       |               |

- KEYED PLUMBING NEW WORK SHEET NOTES** ⓘ
- CONTRACTOR SHALL DEMOLISH EXISTING GREASE INTERCEPTOR WHICH IS FAILING.
  - CONTRACTOR SHALL REPLACE EXISTING GREASE INTERCEPTOR WITH NEW GREASE INTERCEPTOR.
  - CONTRACTOR SHALL INCLUDE ADDITIONAL SAW CUTTING, EXCAVATION, TILE PATCHING, UPSTREAM PIPING REPLACEMENT, DOWNSTREAM PIPING REPLACEMENT, ETC. FOR LOCATION, PHYSICAL SIZE, INLET INVERT, OUTLET INVERT, POINTS OF CONNECTION, ETC. FOR NEW GREASE INTERCEPTOR. CONTRACTOR SHALL INCLUDE TEMPORARY TOP FOR BASIN SO THAT A FINISHED TOP OF BASIN CAN BE INSTALLED NEAR COMPLETION OF FINISHED INSTALLATION.

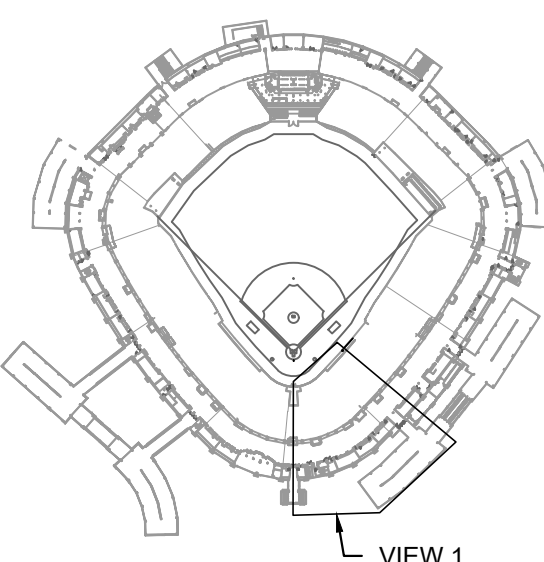
1 PLUMBING NEW WORK PLAN - SERVICE LEVEL SECTION 6 ENLARGED PLAN

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KEY PLAN



VIEW 1

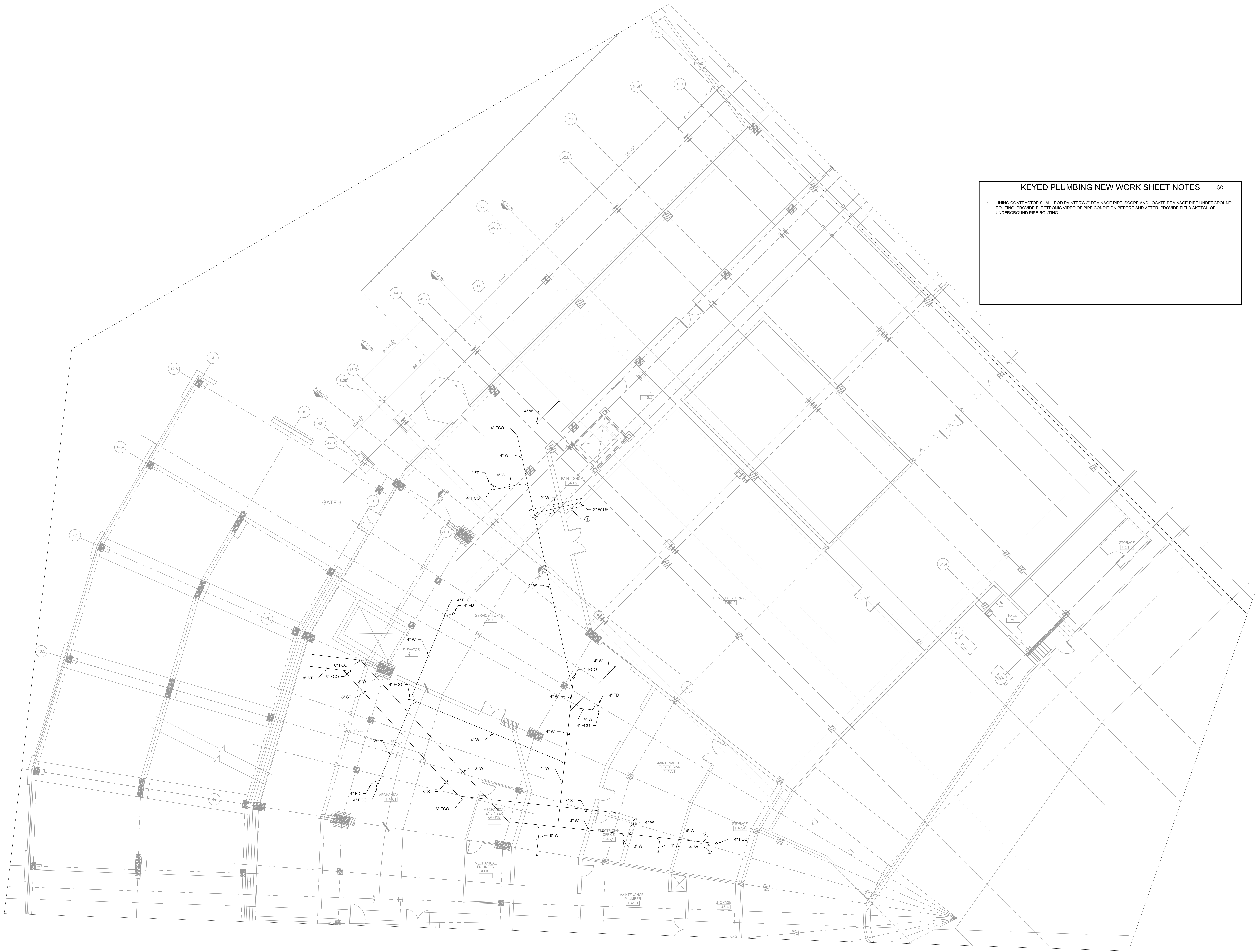
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PROJECT:  
GUARANTEED RATE FIELD -  
WASTE/VENT PIPING FY23  
  
333 W 35TH STREET,  
CHICAGO, ILLINOIS 60616  
  
DRAWING TITLE:  
PLUMBING NEW WORK PLAN -  
SERVICE LEVEL SEC 06

DESIGNED BY: DA  
CHECKED BY: MS  
PROJECT NO: 22285  
SCALE: 1/8" = 1'-0"  
SHEET NO.

P1.S06



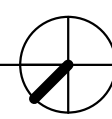


KEYED PLUMBING NEW WORK SHEET NOTES

1. LINING CONTRACTOR SHALL ROD PAINTER'S 2" DRAINAGE PIPE. SCOPE AND LOCATE DRAINAGE PIPE UNDERGROUND ROUTING. PROVIDE ELECTRONIC VIDEO OF PIPE CONDITION BEFORE AND AFTER. PROVIDE FIELD SKETCH OF UNDERGROUND PIPE ROUTING.

1 PLUMBING NEW WORK PLAN - SERVICE LEVEL SECTION 10 ENLARGED PLAN

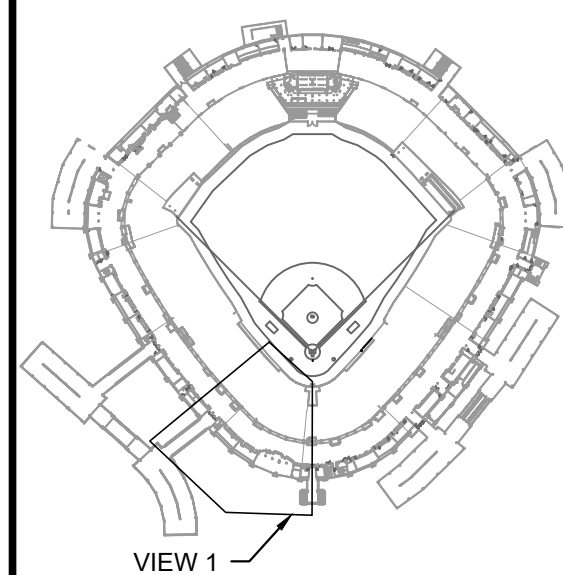
SCALE: 1/8" = 1'-0"



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PROJECT:  
GUARANTEED RATE FIELD -  
WASTE/VENT PIPING FY23  
  
333 W 35TH STREET,  
CHICAGO, ILLINOIS 60616  
  
DRAWING TITLE:  
PLUMBING NEW WORK PLAN -  
SERVICE LEVEL SEC 10

DESIGNED BY: DA  
CHECKED BY: MS  
PROJECT NO: 22285  
SCALE: 1/8" = 1'-0"  
SHEET NO.

P1.S10

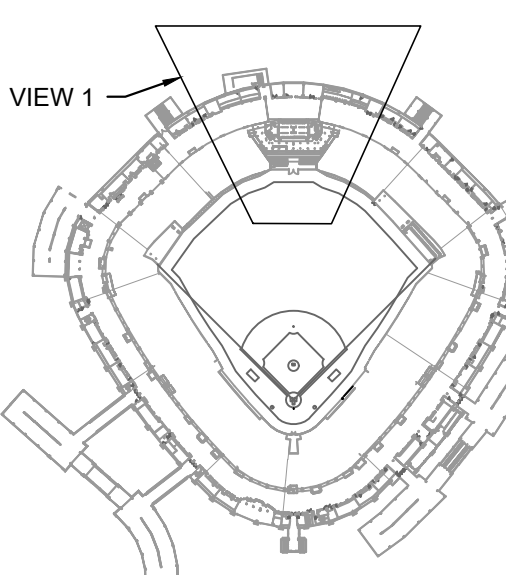




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PROJECT:  
GUARANTEED RATE FIELD -  
WASTE/VENT PIPING FY23

333 W 35TH STREET,  
CHICAGO, ILLINOIS 60616

DRAWING TITLE:  
PLUMBING NEW WORK PLAN -  
LEVEL 100 SEC. 01 ENLARGED  
PLAN

DESIGNED BY: DA

CHECKED BY: MS

PROJECT NO: 22285

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

SHEET NO.

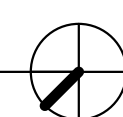
P1.101

MATCH LINE

MATCH LINE

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

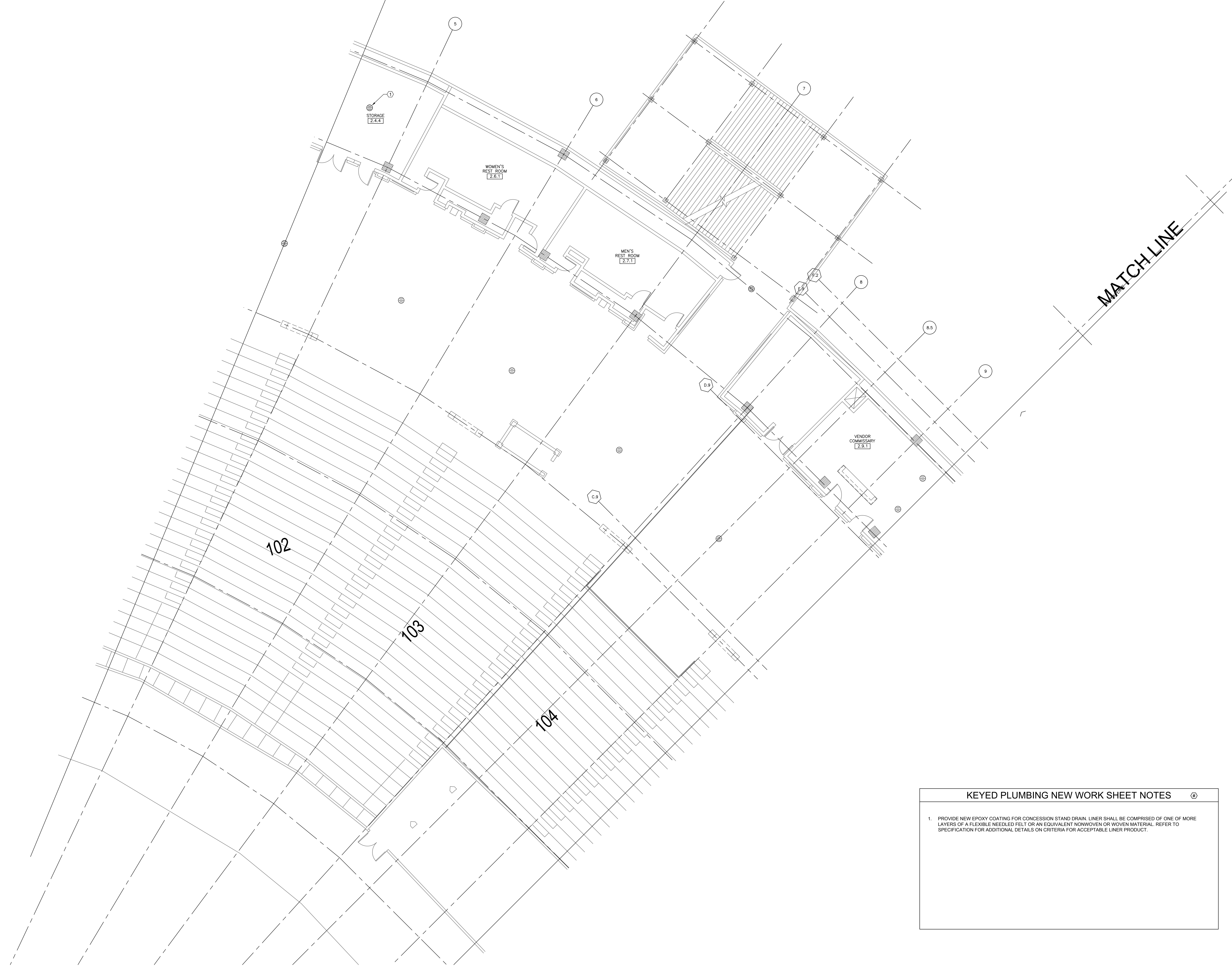
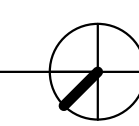
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1 PLUMBING NEW WORK PLAN - LEVEL 100 SECTION 2 ENLARGED PLAN

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

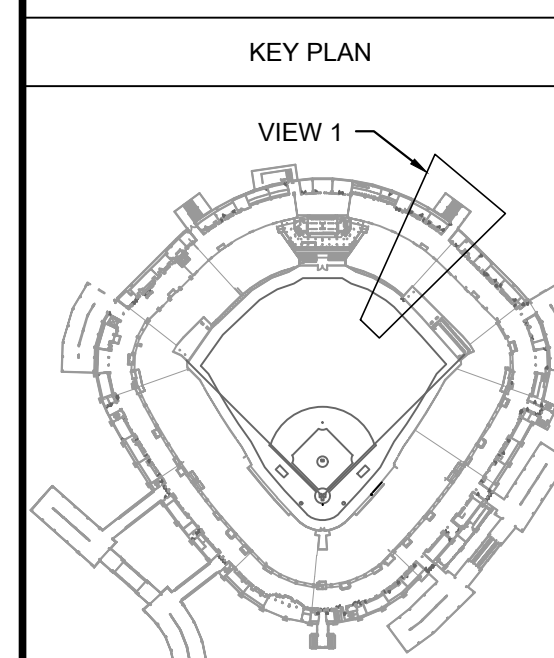


KEYED PLUMBING NEW WORK SHEET NOTES

1. PROVIDE NEW EPOXY COATING FOR CONCESSION STAND DRAIN. LINER SHALL BE COMPRISED OF ONE OF MORE LAYERS OF A FLEXIBLE NEEDLED FELT OR AN EQUIVALENT NONWOVEN OR WOVEN MATERIAL. REFER TO SPECIFICATION FOR ADDITIONAL DETAILS ON CRITERIA FOR ACCEPTABLE LINER PRODUCT.

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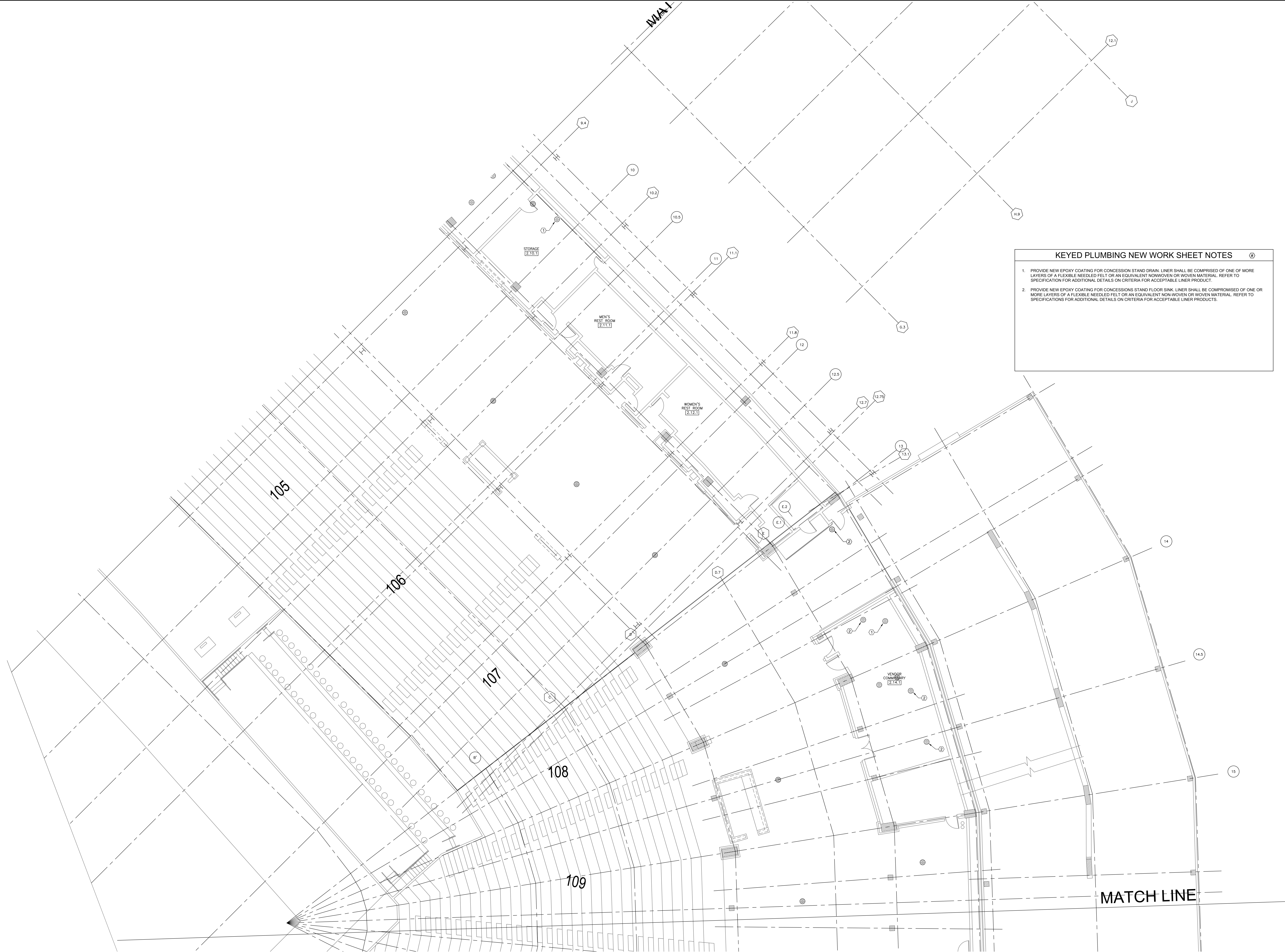
PROJECT:  
GUARANTEED RATE FIELD -  
WASTE/VENT PIPING FY23  
  
333 W 35TH STREET,  
CHICAGO, ILLINOIS 60616

DRAWING TITLE:  
PLUMBING NEW WORK PLAN -  
LEVEL 100 SEC. 02 ENLARGED  
PLAN

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| CHECKED BY:  | MS           |
| PROJECT NO:  | 22285        |
| SCALE:       | 1/8" = 1'-0" |
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P1.102





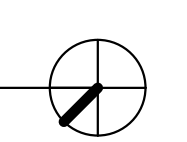
**KEYED PLUMBING NEW WORK SHEET NOTES**

1. PROVIDE NEW EPOXY COATING FOR CONCESSION STAND DRAIN. LINER SHALL BE COMPRISED OF ONE OF MORE LAYERS OF A FLEXIBLE NEEDLED FELT OR AN EQUIVALENT NONWOVEN OR WOVEN MATERIAL. REFER TO SPECIFICATION FOR ADDITIONAL DETAILS ON CRITERIA FOR ACCEPTABLE LINER PRODUCT.

2. PROVIDE NEW EPOXY COATING FOR CONCESSIONS STAND FLOOR SINK. LINER SHALL BE COMPROMISED OF ONE OR MORE LAYERS OF A FLEXIBLE NEEDLED FELT OR AN EQUIVALENT NON-WOVEN OR WOVEN MATERIAL. REFER TO SPECIFICATIONS FOR ADDITIONAL DETAILS ON CRITERIA FOR ACCEPTABLE LINER PRODUCTS.

**1 PLUMBING NEW WORK PLAN - LEVEL 100 SECTION 3 ENLARGED PLAN**

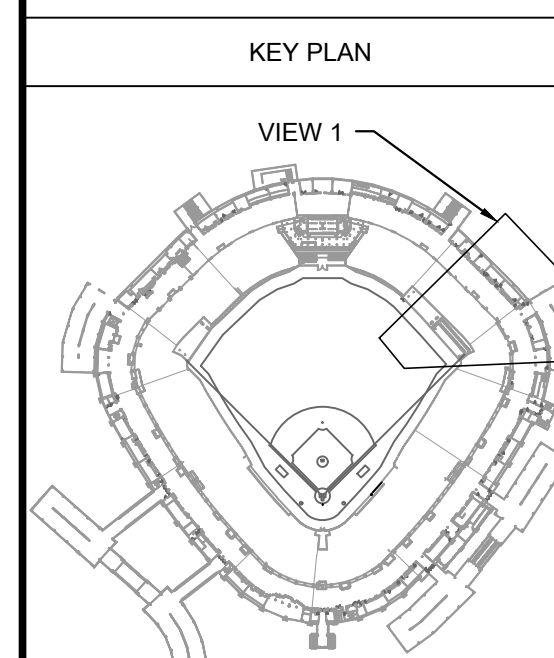
SCALE: 1/8" = 1'-0"



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PROJECT:  
GUARANTEED RATE FIELD -  
WASTE/VENT PIPING FY23

333 W 35TH STREET,  
CHICAGO, ILLINOIS 60616

DRAWING TITLE:  
PLUMBING NEW WORK PLAN -  
LEVEL 100 SEC. 03 ENLARGED  
PLAN

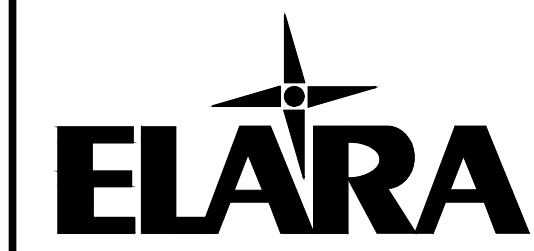
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1 PLUMBING NEW WORK PLAN - LEVEL 100 SECTION 4 ENLARGED PLAN

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



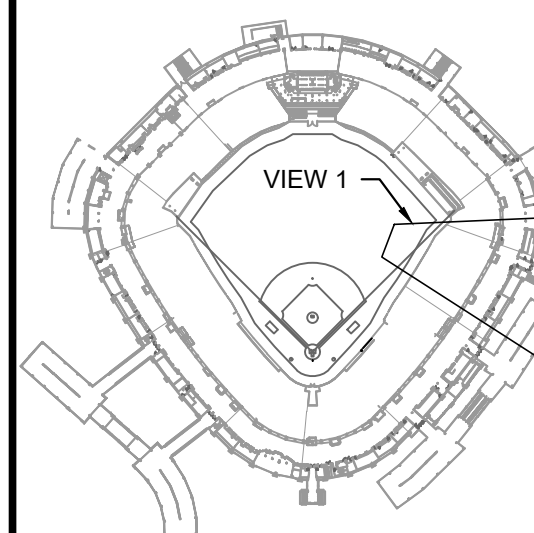
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#### KEYED PLUMBING NEW WORK SHEET NOTES

1. PROVIDE NEW EPOXY COATING FOR CONCESSION STAND DRAIN. LINER SHALL BE COMPRISED OF ONE OF MORE LAYERS OF A FLEXIBLE NEEDLED FELT OR AN EQUIVALENT NONWOVEN OR WOVEN MATERIAL. REFER TO SPECIFICATION FOR ADDITIONAL DETAILS ON CRITERIA FOR ACCEPTABLE LINER PRODUCT.
2. CONTRACTOR SHALL CLEAN AND REMOVE GREASE BUILD-UP IN EPOXY LINED PIPING. GREASE REMOVAL SHALL BE DONE IN SUCH A MANNER AS TO NOT DAMAGE THE EXISTING EPOXY LINING. PROVIDE PRICING TO PERFORM THE WORK OUTLINED IN KEYED NOTE 2 ABOVE FOR ANY DRAINAGE PIPING THAT MAY BE DAMAGED DURING CLEARING GREASE FROM DRAINAGE PIPING.

#### KEY PLAN



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PROJECT:  
GUARANTEED RATE FIELD -  
WASTE/VENT PIPING FY23

333 W 35TH STREET,  
CHICAGO, ILLINOIS 60616

DRAWING TITLE:  
PLUMBING NEW WORK PLAN -  
LEVEL 100 SEC. 04 ENLARGED  
PLAN

DESIGNED BY: DA  
CHECKED BY: MS  
PROJECT NO: 22285  
SCALE: 1/8" = 1'-0"

SHEET NO.

P1.104





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

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

KEYED PLUMBING NEW WORK SHEET NOTES

1. PROVIDE NEW EPOXY COATING FOR CONCESSION STAND DRAIN. LINER SHALL BE COMPRISED OF ONE OF MORE LAYERS OF A FLEXIBLE NEEDLED FELT OR AN EQUIVALENT NONWOVEN OR WOVEN MATERIAL. REFER TO SPECIFICATION FOR ADDITIONAL DETAILS OR CRITERIA FOR ACCEPTABLE LINER PRODUCT.

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KEY PLAN

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PROJECT:  
GUARANTEED RATE FIELD -  
WASTE/VENT PIPING FY23  
  
333 W 35TH STREET,  
CHICAGO, ILLINOIS 60616

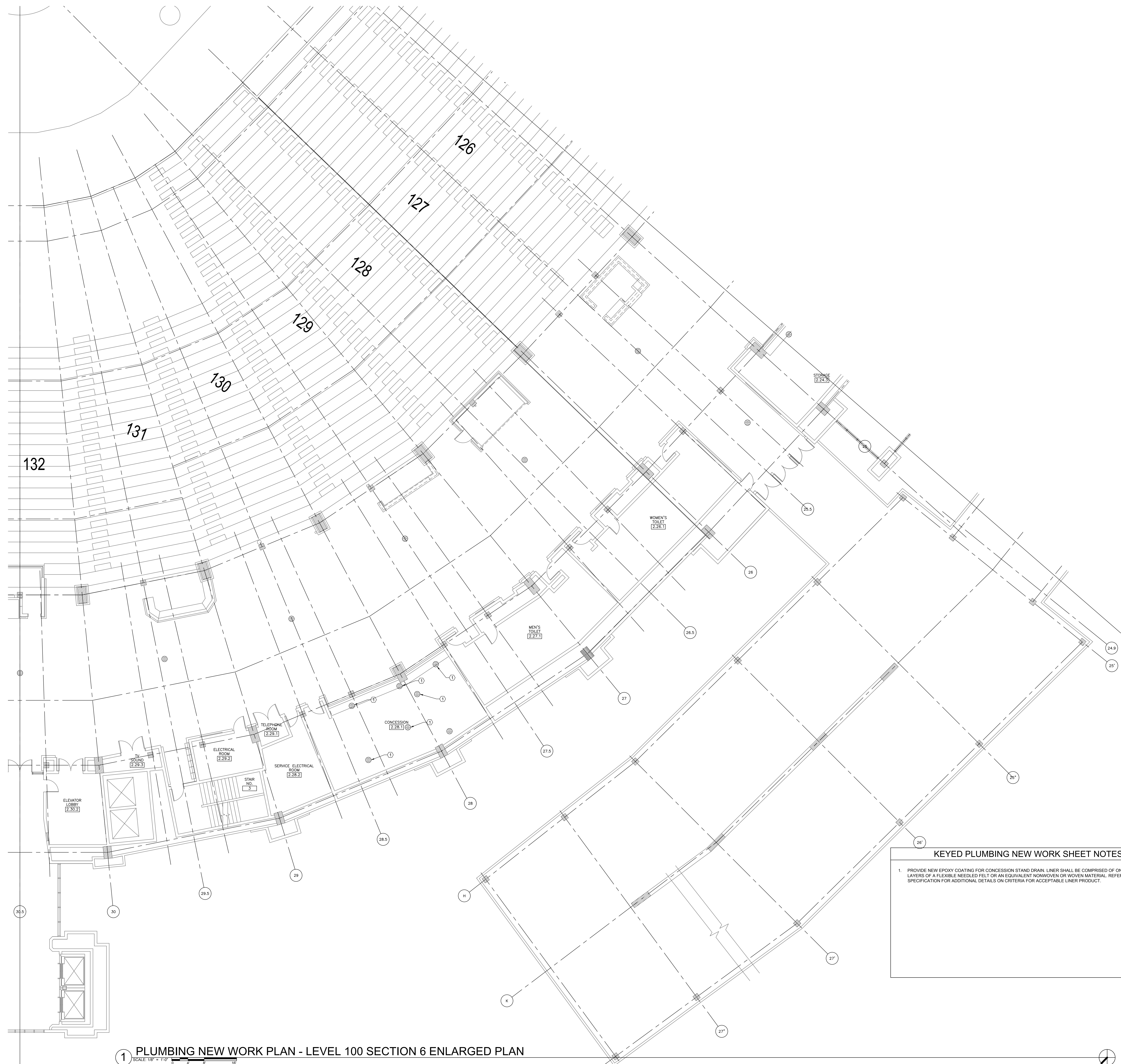
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LEVEL 100 SEC. 05 ENLARGED  
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DESIGNED BY: DA  
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PROJECT NO: 22285  
SCALE: 1/8" = 1'-0"

SHEET NO.

P1.105

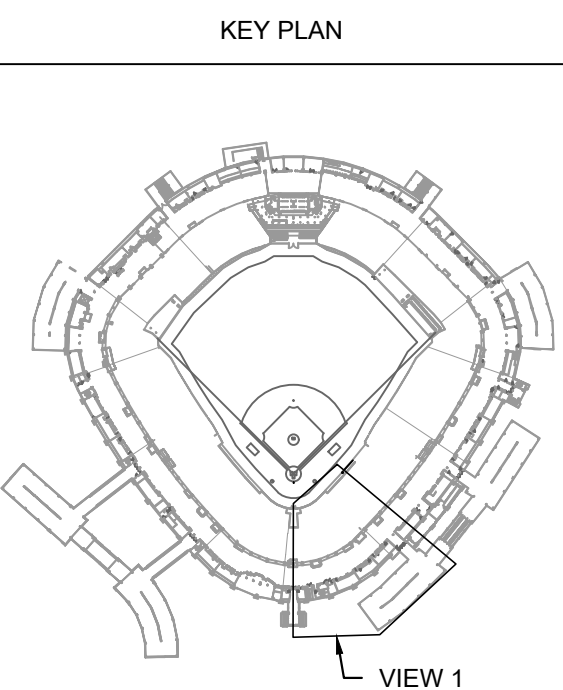




1 PLUMBING NEW WORK PLAN - LEVEL 100 SECTION 6 ENLARGED PLAN  
SCALE: 1/8" = 1'-0"

KEYED PLUMBING NEW WORK SHEET NOTES

1. PROVIDE NEW EPOXY COATING FOR CONCESSION STAND DRAIN. LINER SHALL BE COMPRISED OF ONE OF MORE LAYERS OF A FLEXIBLE NEEDLED FELT OR AN EQUIVALENT NONWOVEN OR WOVEN MATERIAL. REFER TO SPECIFICATION FOR ADDITIONAL DETAILS OR CRITERIA FOR ACCEPTABLE LINER PRODUCT.



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PROJECT:  
GUARANTEED RATE FIELD -  
WASTE/VENT PIPING FY23  
  
333 W 35TH STREET,  
CHICAGO, ILLINOIS 60616

DRAWING TITLE:  
PLUMBING NEW WORK PLAN -  
LEVEL 100 SEC. 06 ENLARGED  
PLAN

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| PROJECT NO:  | 22285        |
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1 PLUMBING NEW WORK PLAN - LEVEL 100 SECTION 8 ENLARGED PLAN

KEYED PLUMBING NEW WORK SHEET NOTES

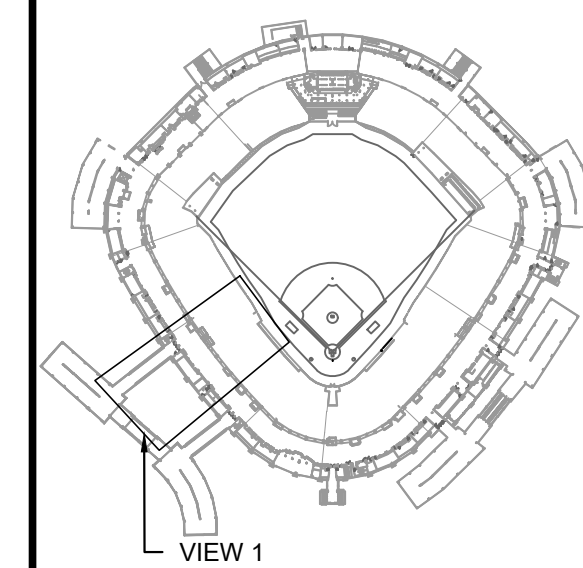
1. PROVIDE NEW EPOXY COATING FOR CONCESSION STAND DRAIN. LINER SHALL BE COMPRISED OF ONE OF MORE LAYERS OF A FLEXIBLE NEEDLED FELT OR AN EQUIVALENT NONWOVEN OR WOVEN MATERIAL. REFER TO SPECIFICATION FOR ADDITIONAL DETAILS OR CRITERIA FOR ACCEPTABLE LINER PRODUCT.
2. CONTRACTOR SHALL CLEAN AND REMOVE GREASE BUILD-UP IN EPOXY LINED PIPING. GREASE REMOVAL SHALL BE DONE IN SUCH A MANNER AS TO NOT DAMAGE THE EXISTING EPOXY LINING. PROVIDE PRICING TO PERFORM THE WORK OUTLINED IN KEYED NOTE 1 ABOVE FOR ANY DRAINAGE PIPING THAT MAY BE DAMAGED DURING CLEARING GREASE FROM DRAINAGE PIPING.



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KEY PLAN



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PROJECT:  
GUARANTEED RATE FIELD -  
WASTE/VENT PIPING FY23

333 W 35TH STREET,  
CHICAGO, ILLINOIS 60616

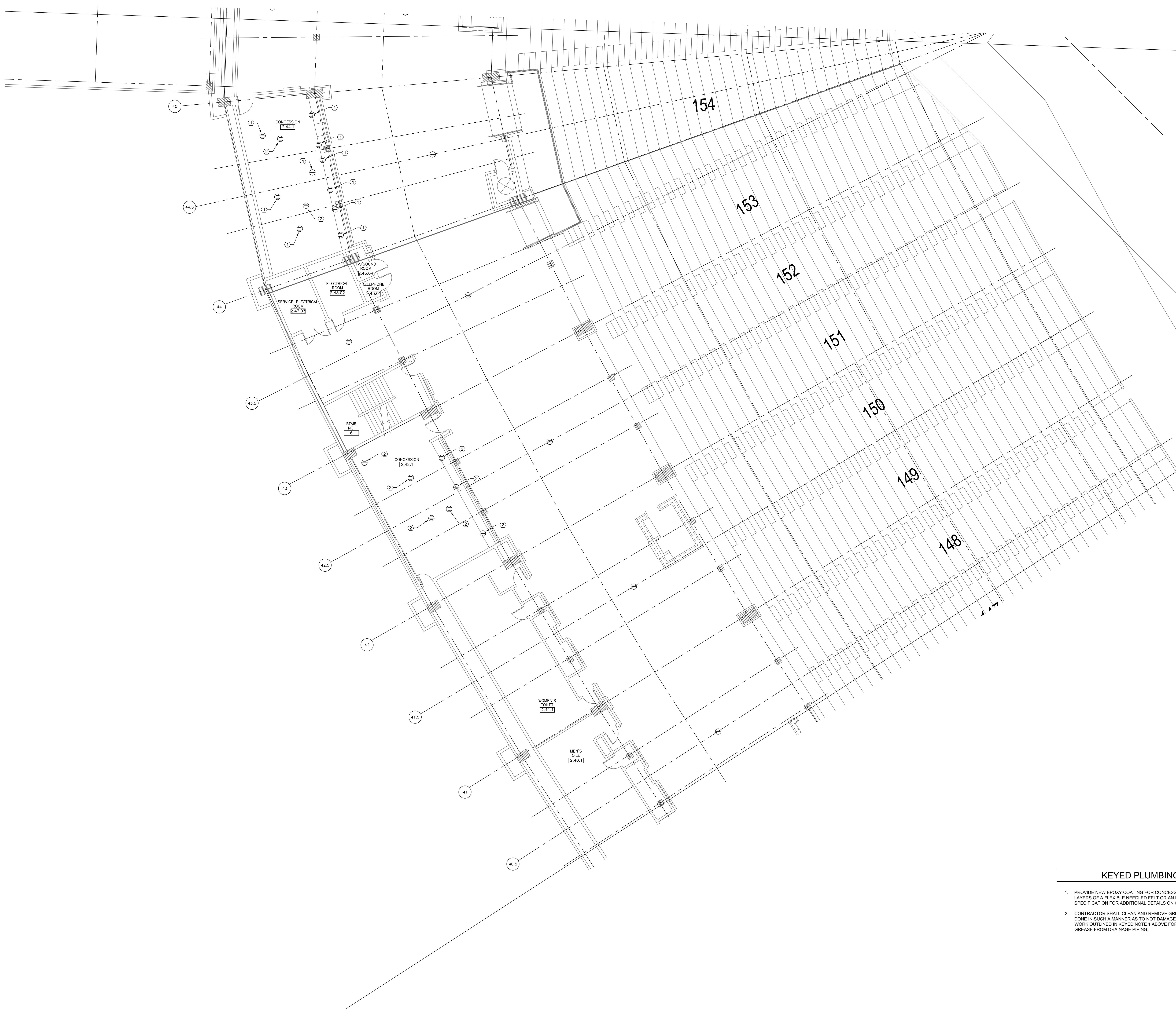
DRAWING TITLE:  
PLUMBING NEW WORK PLAN -  
LEVEL 100 SEC. 08 ENLARGED  
PLAN

DESIGNED BY: DA  
CHECKED BY: MS  
PROJECT NO: 22285  
SCALE: 1/8" = 1'-0"

SHEET NO.

P1.108





1 PLUMBING NEW WORK PLAN - LEVEL 100 SECTION 9 ENLARGED PLAN

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

KEYED PLUMBING NEW WORK SHEET NOTES

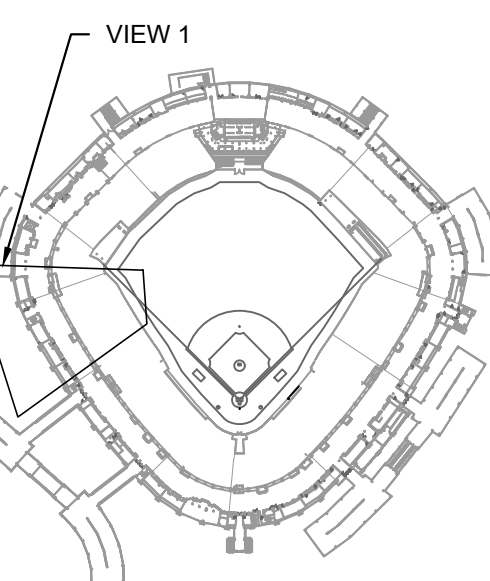
1. PROVIDE NEW EPOXY COATING FOR CONCESSION STAND DRAIN. LINER SHALL BE COMPRISED OF ONE OF MORE LAYERS OF A FLEXIBLE NEEDLED FELT OR AN EQUIVALENT NONWOVEN OR WOVEN MATERIAL. REFER TO SPECIFICATION FOR ADDITIONAL DETAILS OR CRITERIA FOR ACCEPTABLE LINER PRODUCT.
2. CONTRACTOR SHALL CLEAN AND REMOVE GREASE BUILD-UP IN EPOXY LINED PIPING. GREASE REMOVAL SHALL BE DONE IN SUCH A MANNER AS TO NOT DAMAGE THE EXISTING EPOXY LINING. PROVIDE PRICING TO PERFORM THE WORK OUTLINED IN KEYED NOTE 1 ABOVE FOR ANY DRAINAGE PIPING THAT MAY BE DAMAGED DURING CLEARING GREASE FROM DRAINAGE PIPING.



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PROJECT:  
GUARANTEED RATE FIELD -  
WASTE/VENT PIPING FY23

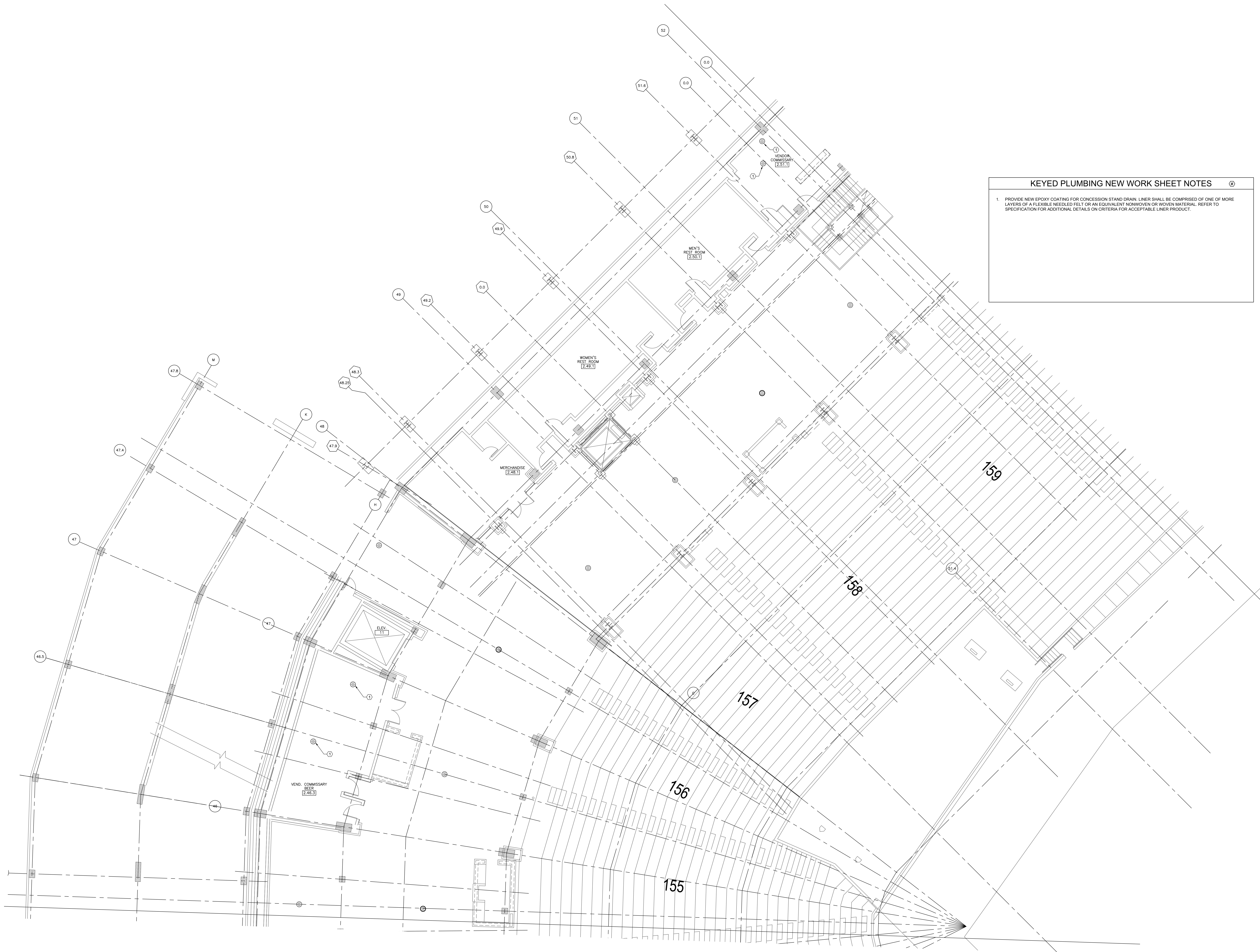
333 W 35TH STREET,  
CHICAGO, ILLINOIS 60616

DRAWING TITLE:  
PLUMBING NEW WORK PLAN -  
LEVEL 100 SEC. 09 ENLARGED  
PLAN

DESIGNED BY: DA  
CHECKED BY: MS  
PROJECT NO: 22285  
SCALE: 1/8" = 1'-0"  
SHEET NO.

P1.109





**KEYED PLUMBING NEW WORK SHEET NOTES**

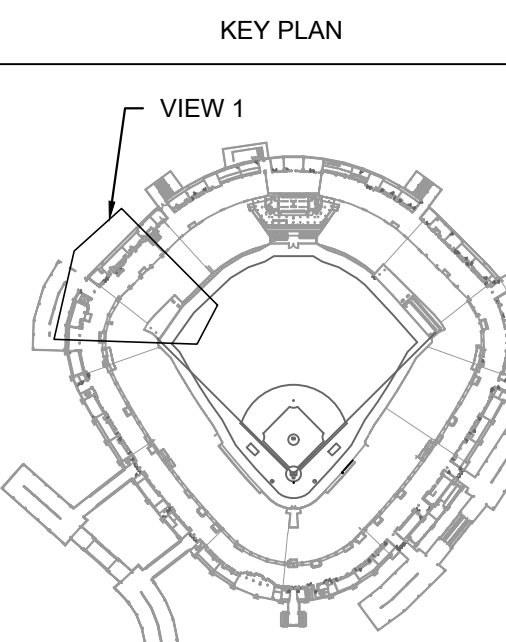
1. PROVIDE NEW EPOXY COATING FOR CONCESSION STAND DRAIN. LINER SHALL BE COMPRISED OF ONE OF MORE LAYERS OF A FLEXIBLE NEEDLED FELT OR AN EQUIVALENT NONWOVEN OR WOVEN MATERIAL. REFER TO SPECIFICATION FOR ADDITIONAL DETAILS ON CRITERIA FOR ACCEPTABLE LINER PRODUCT.

**1 PLUMBING NEW WORK PLAN - LEVEL 100 SECTION 10 ENLARGED PLAN**

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



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PROJECT:  
GUARANTEED RATE FIELD -  
WASTE/VENT PIPING FY23  
  
333 W 35TH STREET,  
CHICAGO, ILLINOIS 60616

DRAWING TITLE:  
PLUMBING NEW WORK PLAN -  
LEVEL 100 SEC. 10 ENLARGED  
PLAN

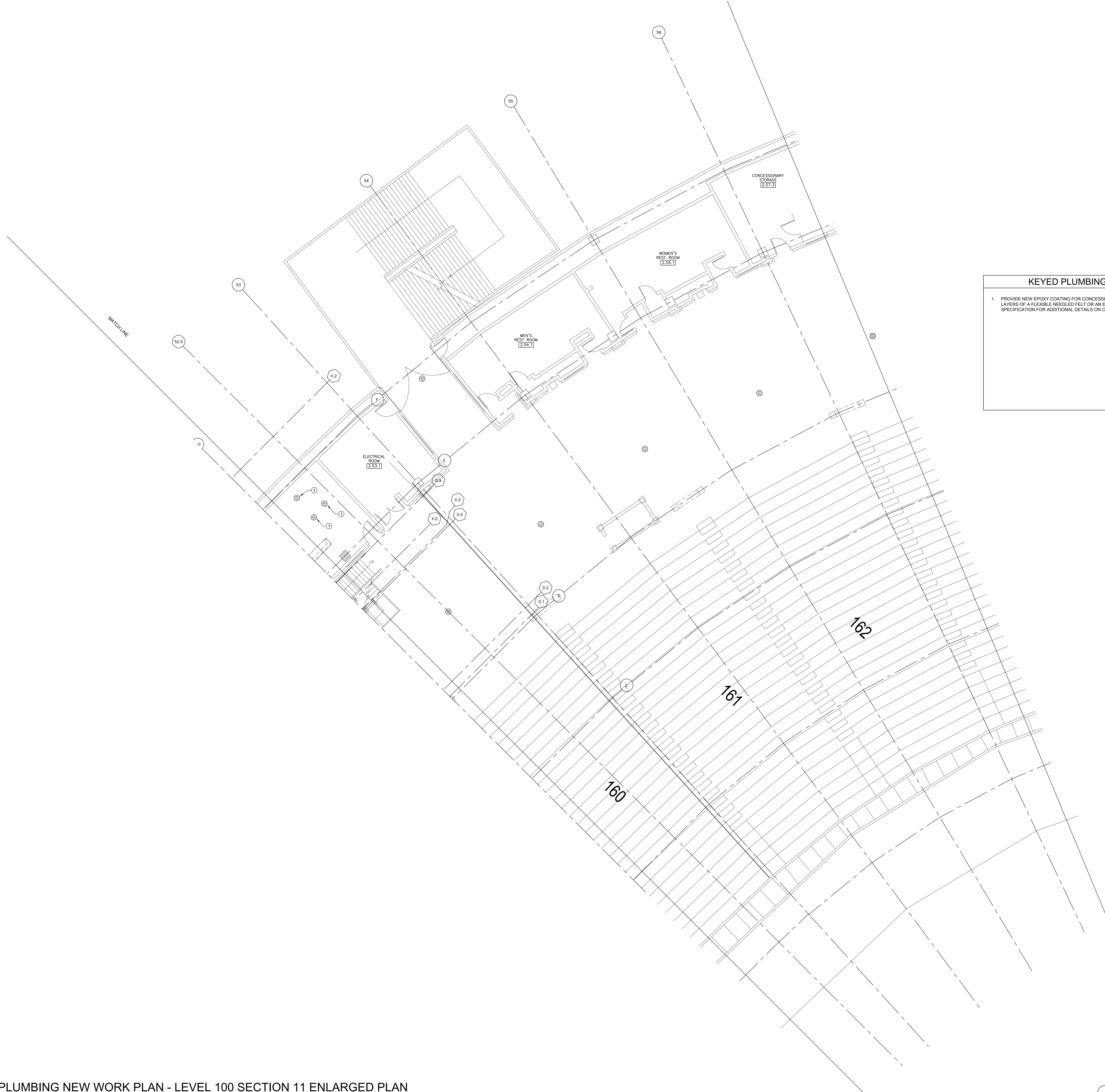
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1 PLUMBING NEW WORK PLAN - LEVEL 100 SECTION 11 ENLARGED PLAN

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

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KEYED PLUMBING NEW WORK SHEET NOTES

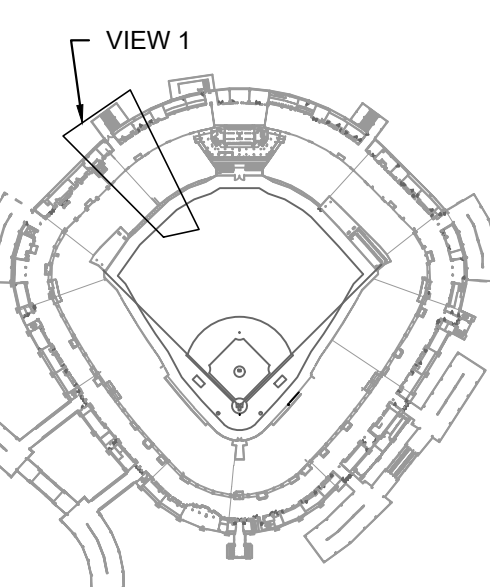
1. PROVIDE NEW EPOXY COATING FOR CONCESSION STAND DRAIN. LINER SHALL BE COMPRISED OF ONE OF MORE LAYERS OF A FLEXIBLE NEEDLED FELT OR AN EQUIVALENT NONWOVEN OR WOVEN MATERIAL. REFER TO SPECIFICATION FOR ADDITIONAL DETAILS OR CRITERIA FOR ACCEPTABLE LINER PRODUCT.



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KEY PLAN



ISSUE/REVISION:

REV. DATE DESCRIPTION

1 10/28/23 ISSUE FOR BID

PROJECT:  
GUARANTEED RATE FIELD -  
WASTE/VENT PIPING FY23

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DRAWING TITLE:  
PLUMBING NEW WORK PLAN -  
LEVEL 100 SEC. 11 ENLARGED  
PLAN

DESIGNED BY: DA

CHECKED BY: MS

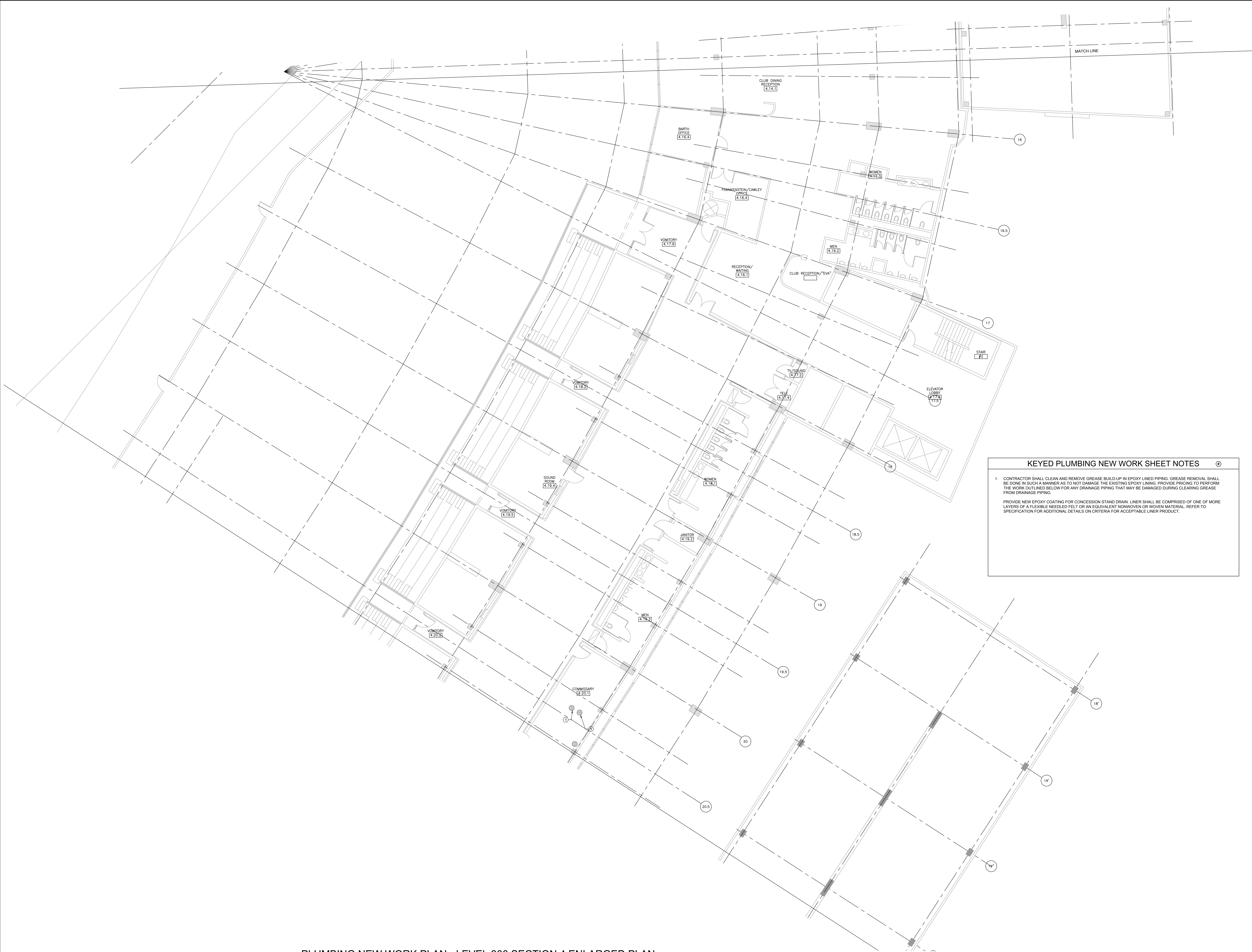
PROJECT NO: 22285

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

SHEET NO.

P1.111





KEYED PLUMBING NEW WORK SHEET NOTES

1.

CONTRACTOR SHALL CLEAN AND REMOVE GREASE BUILD-UP IN EPOXY LINED PIPING. GREASE REMOVAL SHALL BE DONE IN SUCH A MANNER AS TO NOT DAMAGE THE EXISTING EPOXY LINING. PROVIDE PRICING TO PERFORM THE WORK OUTLINED BELOW FOR ANY DRAINAGE PIPING THAT MAY BE DAMAGED DURING CLEARING GREASE FROM DRAINAGE PIPING.

PROVIDE NEW EPOXY COATING FOR CONCESSION STAND DRAIN. LINER SHALL BE COMPRISED OF ONE OF MORE LAYERS OF A FLEXIBLE NEEDLED FELT OR AN EQUIVALENT NONWOVEN OR WOVEN MATERIAL. REFER TO SPECIFICATION FOR ADDITIONAL DETAILS OR CRITERIA FOR ACCEPTABLE LINER PRODUCT.

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PLUMBING NEW WORK PLAN - LEVEL 300 SECTION 4 ENLARGED PLAN

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

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ILLINOIS SPORTS  
FACILITIES AUTHORITY

KEY PLAN

VIEW 1

ISSUE/REVISION:

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PROJECT:  
GUARANTEED RATE FIELD -  
WASTE/VENT PIPING FY23

333 W 35TH STREET,  
CHICAGO, ILLINOIS 60616

DRAWING TITLE:  
PLUMBING NEW WORK PLAN -  
LEVEL 300 SEC. 04 ENLARGED  
PLAN

DESIGNED BY: DA

CHECKED BY: MS

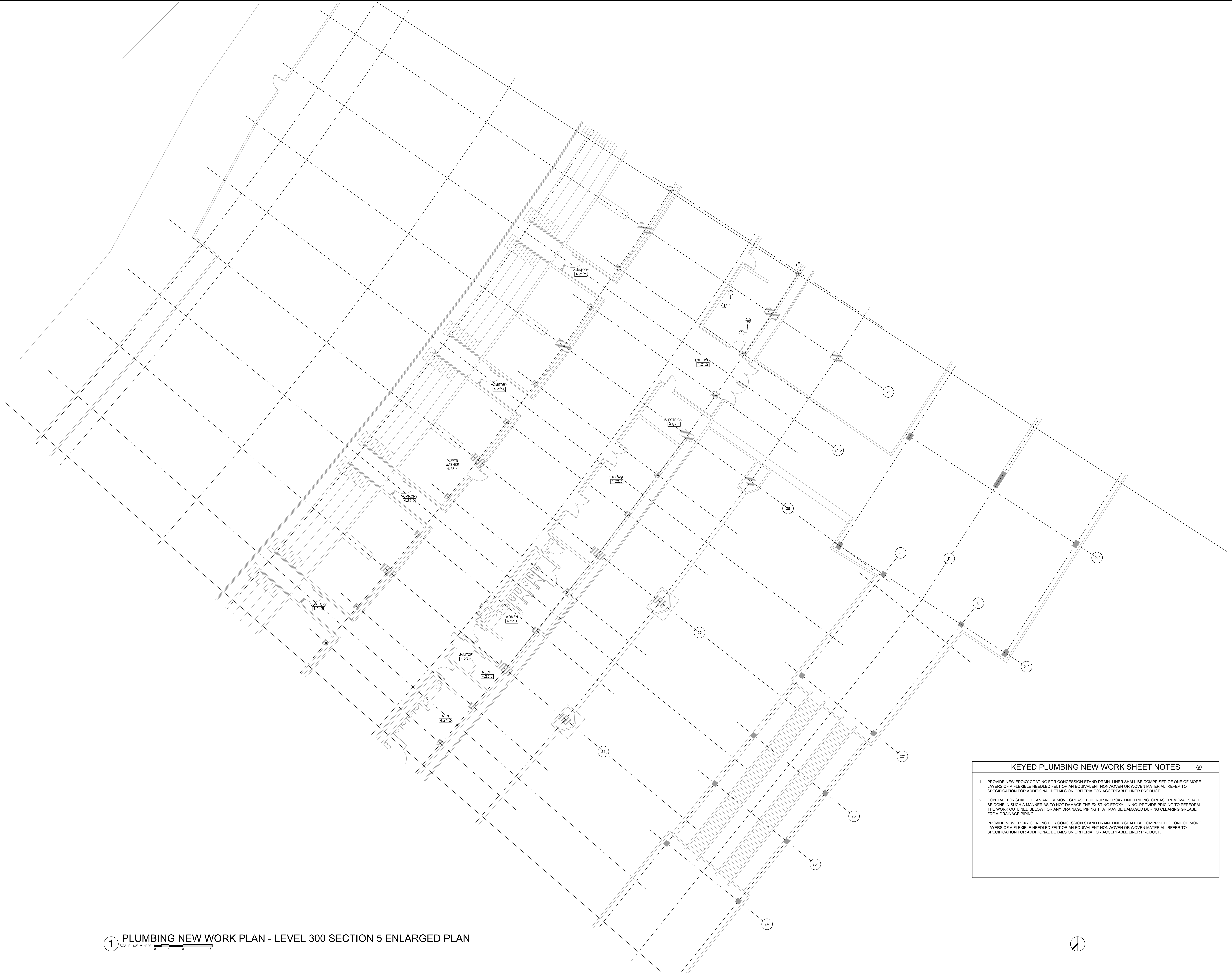
PROJECT NO: 22285

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

SHEET NO.

P1.304





1 PLUMBING NEW WORK PLAN - LEVEL 300 SECTION 5 ENLARGED PLAN

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

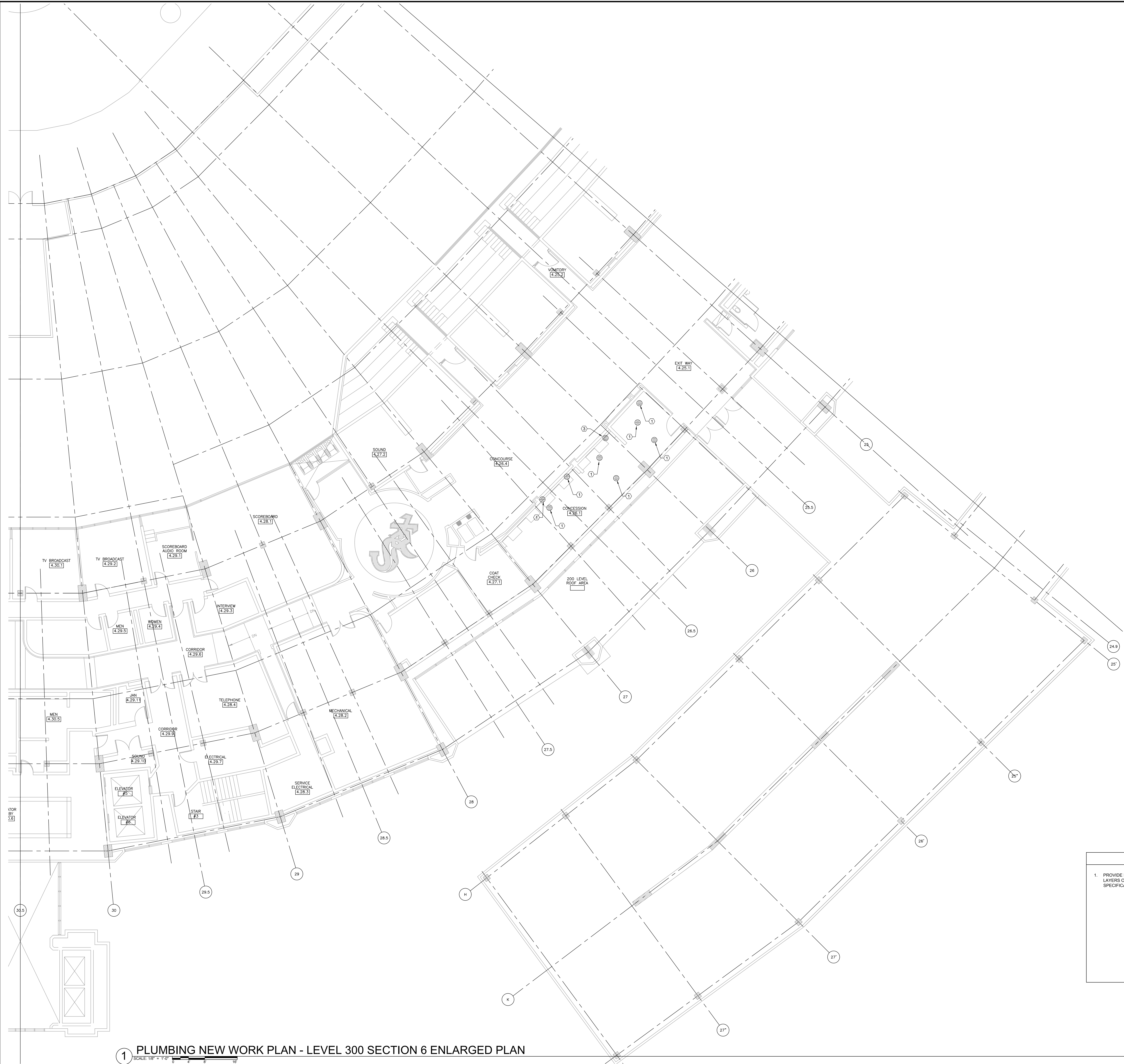
KEYED PLUMBING NEW WORK SHEET NOTES

1. PROVIDE NEW EPOXY COATING FOR CONCESSION STAND DRAIN. LINER SHALL BE COMPRISED OF ONE OF MORE LAYERS OF A FLEXIBLE NEEDLED FELT OR AN EQUIVALENT NONWOVEN OR WOVEN MATERIAL. REFER TO SPECIFICATION FOR ADDITIONAL DETAILS OR CRITERIA FOR ACCEPTABLE LINER PRODUCT.

2. CONTRACTOR SHALL CLEAN AND REMOVE GREASE BUILDUP IN EPOXY LINED PIPING. GREASE REMOVAL SHALL BE DONE IN SUCH A MANNER AS TO NOT DAMAGE THE EXISTING EPOXY LINING. PROVIDE PRICING TO PERFORM THE WORK OUTLINED BELOW FOR ANY DRAINAGE PIPING THAT MAY BE DAMAGED DURING CLEARING GREASE FROM DRAINAGE PIPING.

PROVIDE NEW EPOXY COATING FOR CONCESSION STAND DRAIN. LINER SHALL BE COMPRISED OF ONE OF MORE LAYERS OF A FLEXIBLE NEEDLED FELT OR AN EQUIVALENT NONWOVEN OR WOVEN MATERIAL. REFER TO SPECIFICATION FOR ADDITIONAL DETAILS OR CRITERIA FOR ACCEPTABLE LINER PRODUCT.



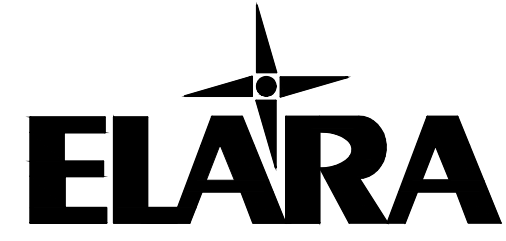


1 PLUMBING NEW WORK PLAN - LEVEL 300 SECTION 6 ENLARGED PLAN

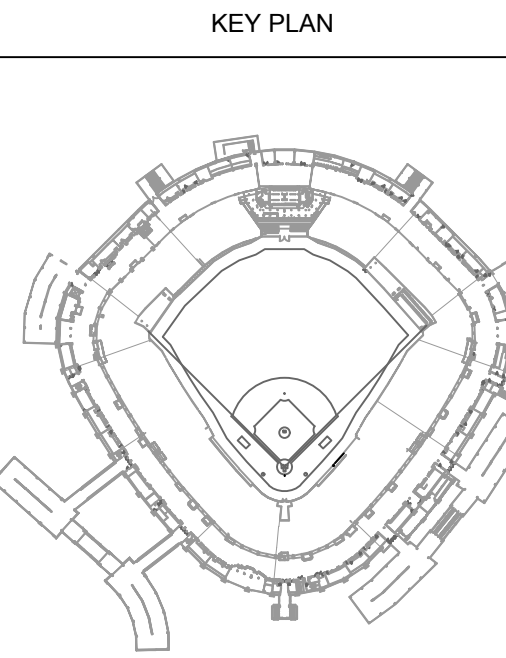
SCALE: 1/8" = 1'-0"

KEYED PLUMBING NEW WORK SHEET NOTES

1. PROVIDE NEW EPOXY COATING FOR CONCESSION STAND DRAIN. LINER SHALL BE COMPRISED OF ONE OF MORE LAYERS OF A FLEXIBLE NEEDLED FELT OR AN EQUIVALENT NONWOVEN OR WOVEN MATERIAL. REFER TO SPECIFICATION FOR ADDITIONAL DETAILS OR CRITERIA FOR ACCEPTABLE LINER PRODUCT.



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PROJECT:  
GUARANTEED RATE FIELD -  
WASTE/VENT PIPING FY23

333 W 35TH STREET,  
CHICAGO, ILLINOIS 60616

DRAWING TITLE:  
PLUMBING NEW WORK PLAN -  
LEVEL 300 SEC. 06 ENLARGED  
PLAN

DESIGNED BY: DA  
CHECKED BY: MS  
PROJECT NO: 22285  
SCALE: 1/8" = 1'-0"  
SHEET NO.

P1.306





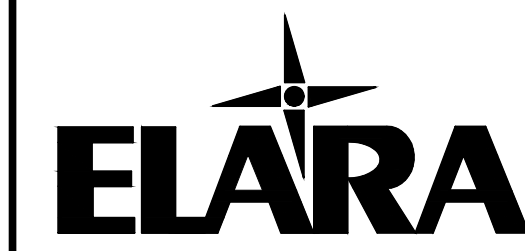
1 PLUMBING NEW WORK PLAN - LEVEL 300 SECTION 8 ENLARGED PLAN

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

KEYED PLUMBING NEW WORK SHEET NOTES

1. PROVIDE NEW EPOXY COATING FOR CONCESSION STAND DRAIN. LINER SHALL BE COMPRISED OF ONE OF MORE LAYERS OF A FLEXIBLE NEEDLED FELT OR AN EQUIVALENT NONWOVEN OR WOVEN MATERIAL. REFER TO SPECIFICATION FOR ADDITIONAL DETAILS OR CRITERIA FOR ACCEPTABLE LINER PRODUCT.
2. CONTRACTOR SHALL CLEAN AND REMOVE GREASE BUILDUP IN EPOXY LINED PIPING. GREASE REMOVAL SHALL BE DONE IN SUCH A MANNER AS TO NOT DAMAGE THE EXISTING EPOXY LINING. PROVIDE PRICING TO PERFORM THE WORK OUTLINED BELOW FOR ANY DRAINAGE PIPING THAT MAY BE DAMAGED DURING CLEARING GREASE FROM DRAINAGE PIPING.

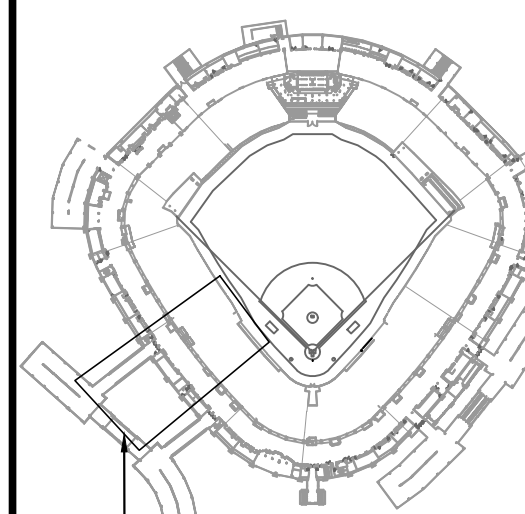
PROVIDE NEW EPOXY COATING FOR CONCESSION STAND DRAIN. LINER SHALL BE COMPRISED OF ONE OF MORE LAYERS OF A FLEXIBLE NEEDLED FELT OR AN EQUIVALENT NONWOVEN OR WOVEN MATERIAL. REFER TO SPECIFICATION FOR ADDITIONAL DETAILS OR CRITERIA FOR ACCEPTABLE LINER PRODUCT.



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PROJECT:  
GUARANTEED RATE FIELD -  
WASTE/VENT PIPING FY23

333 W 35TH STREET,  
CHICAGO, ILLINOIS 60616

DRAWING TITLE:  
PLUMBING NEW WORK PLAN -  
LEVEL 300 SEC. 08 ENLARGED  
PLAN

DESIGNED BY: DA

CHECKED BY: MS

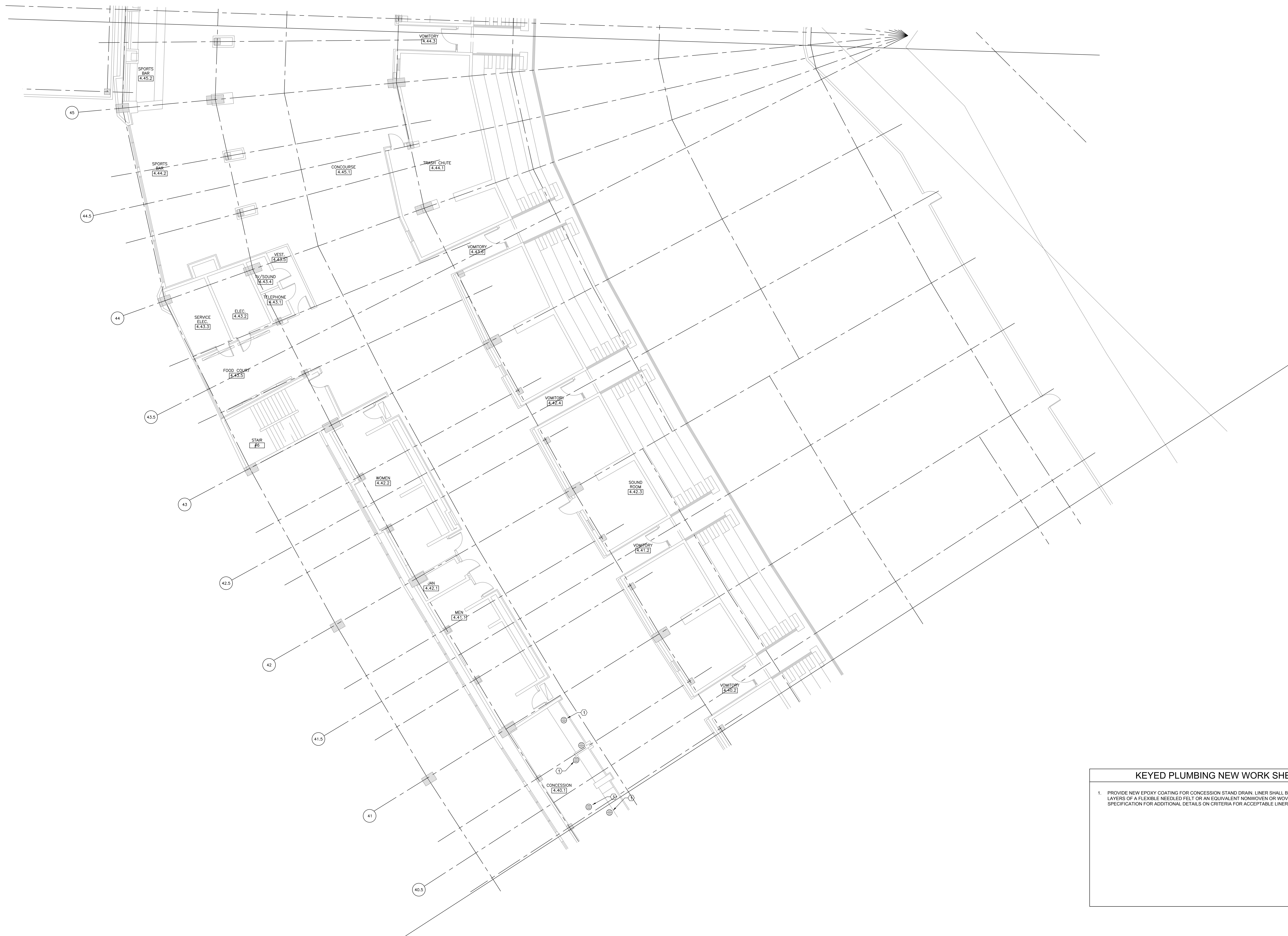
PROJECT NO: 22285

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

SHEET NO.

P1.308





1 PLUMBING NEW WORK PLAN - LEVEL 300 SECTION 9 ENLARGED PLAN

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

KEYED PLUMBING NEW WORK SHEET NOTES

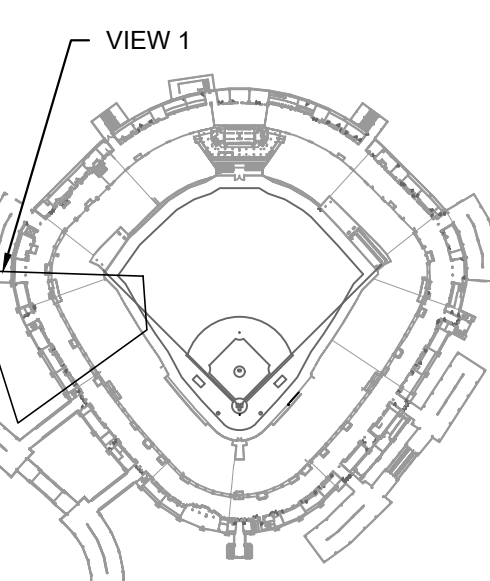
1. PROVIDE NEW EPOXY COATING FOR CONCESSION STAND DRAIN. LINER SHALL BE COMPRISED OF ONE OF MORE LAYERS OF A FLEXIBLE NEEDLED FELT OR AN EQUIVALENT NONWOVEN OR WOVEN MATERIAL. REFER TO SPECIFICATION FOR ADDITIONAL DETAILS OR CRITERIA FOR ACCEPTABLE LINER PRODUCT.



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PROJECT:  
GUARANTEED RATE FIELD -  
WASTE/VENT PIPING FY23

333 W 35TH STREET,  
CHICAGO, ILLINOIS 60616

DRAWING TITLE:  
PLUMBING NEW WORK PLAN -  
LEVEL 300 SEC. 09 ENLARGED  
PLAN

DESIGNED BY: DA

CHECKED BY: MS

PROJECT NO: 22285

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

SHEET NO.

P1.309





KEYED PLUMBING NEW WORK SHEET NOTES

1.

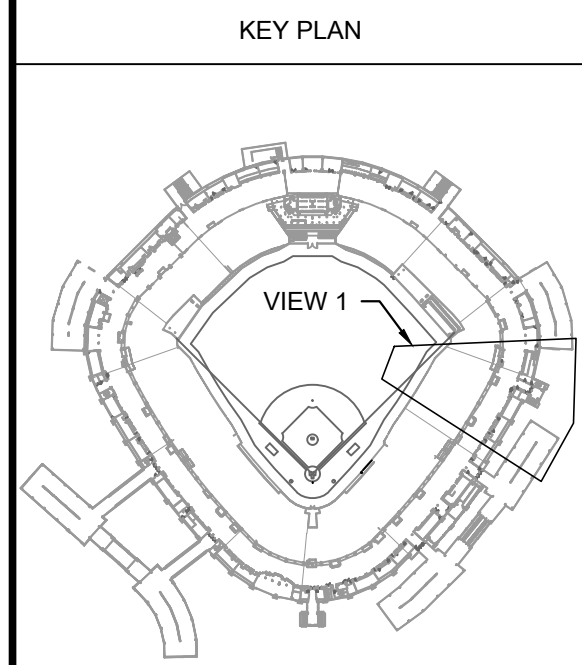
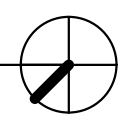
PROVIDE NEW EPOXY COATING FOR CONCESSION STAND DRAIN. LINER SHALL BE COMPRISED OF ONE OF MORE LAYERS OF A FLEXIBLE NEEDLED FELT OR AN EQUIVALENT NONWOVEN OR WOVEN MATERIAL. REFER TO SPECIFICATION FOR ADDITIONAL DETAILS OR CRITERIA FOR ACCEPTABLE LINER PRODUCT.

2.

CONTRACTOR SHALL CLEAN AND REMOVE GREASE BUILD-UP IN EPOXY COATED PIPING. GREASE REMOVED SHALL BE DONE IN SUCH A MANNER AS TO NOT DAMAGE EXISTING EPOXY COATING. PROVIDE PRICING TO PERFORM THE WORK OUTLINED IN KEYED NOTE 1 ABOVE FOR ANY DRAIN THAT MAY BE DAMAGED DURING PIPE GREASE CLEANING/REMOVAL.

1 PLUMBING NEW WORK PLAN - LEVEL 500 SECTION 4 ENLARGED PLAN

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



ISSUE/REVISION:

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PROJECT:

GUARANTEED RATE FIELD -  
WASTE/VENT PIPING FY23

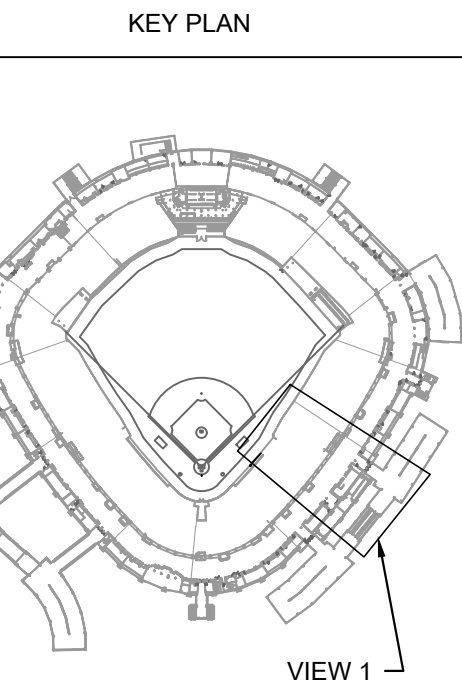
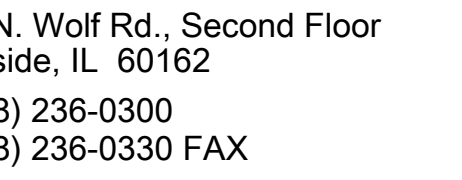
333 W 35TH STREET,  
CHICAGO, ILLINOIS 60616

DRAWING TITLE:

PLUMBING NEW WORK PLAN -  
LEVEL 500 SEC. 04 ENLARGED  
PLAN

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| CHECKED BY:  | MS           |
| PROJECT NO:  | 22285        |
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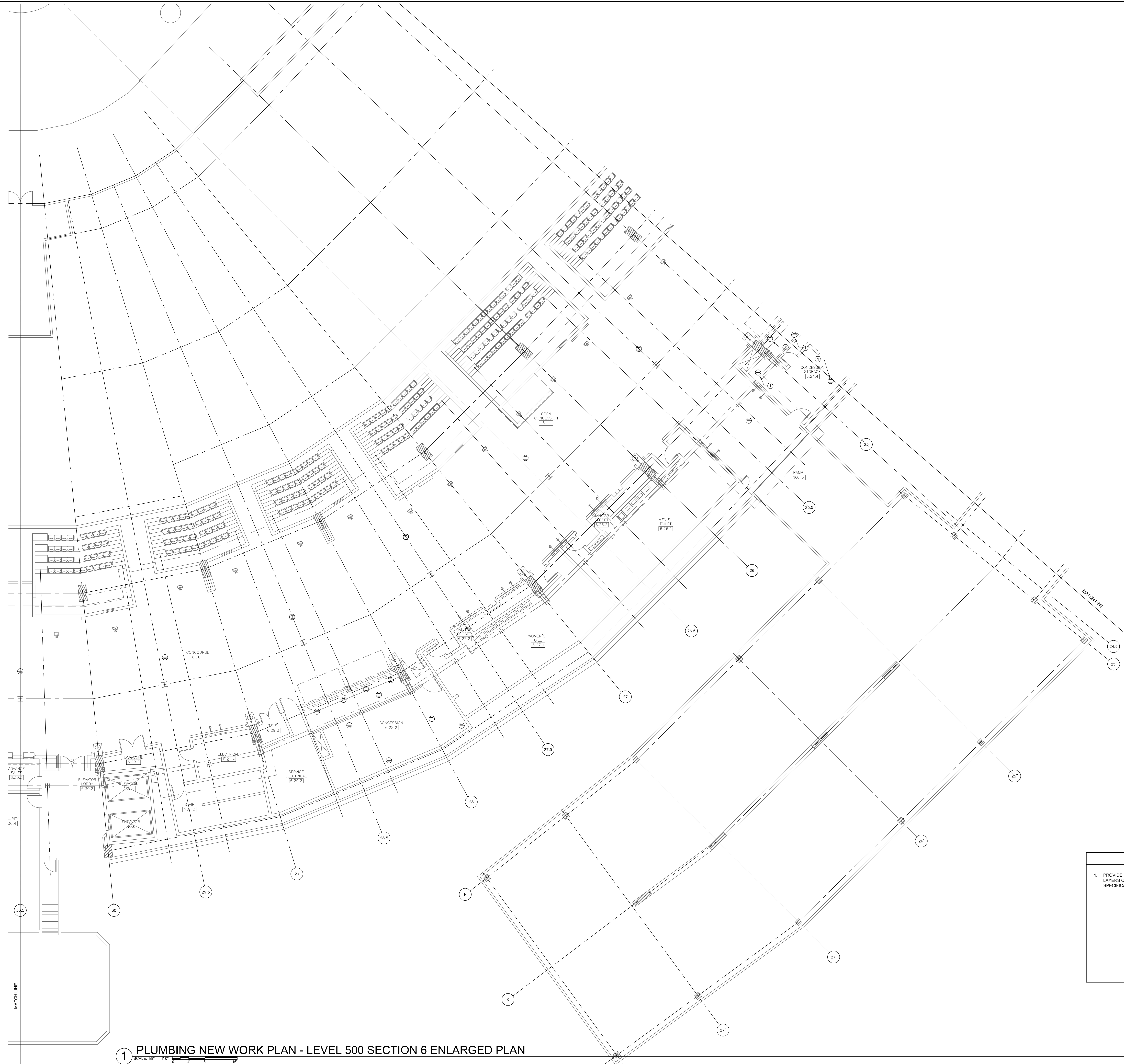
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| PROJECT NO:  | 22285        |
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# P1.505



1 PLUMBING NEW WORK PLAN - LEVEL 500 SECTION 5 ENLARGED PLAN

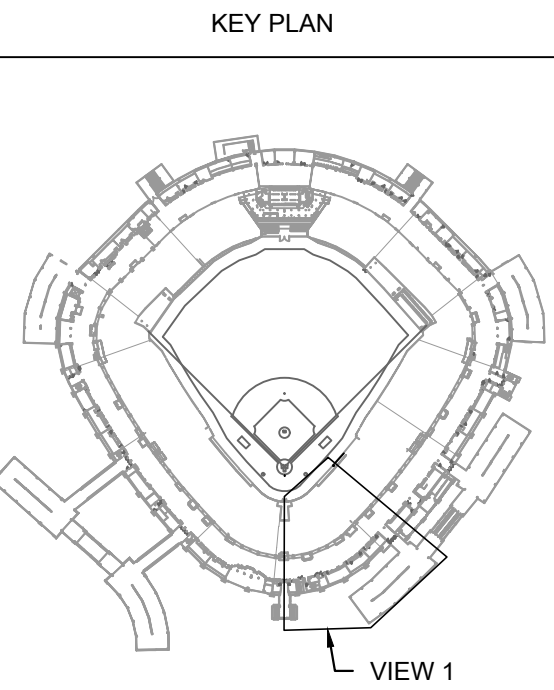




1 PLUMBING NEW WORK PLAN - LEVEL 500 SECTION 6 ENLARGED PLAN  
SCALE: 1/8" = 1'-0"

KEYED PLUMBING NEW WORK SHEET NOTES

1. PROVIDE NEW EPOXY COATING FOR CONCESSION STAND DRAIN. LINER SHALL BE COMPRISED OF ONE OF MORE LAYERS OF A FLEXIBLE NEEDLED FELT OR AN EQUIVALENT NONWOVEN OR WOVEN MATERIAL. REFER TO SPECIFICATION FOR ADDITIONAL DETAILS OR CRITERIA FOR ACCEPTABLE LINER PRODUCT.



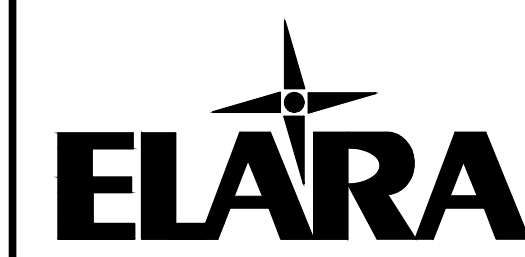
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PROJECT:  
GUARANTEED RATE FIELD -  
WASTE/VENT PIPING FY23  
  
333 W 35TH STREET,  
CHICAGO, ILLINOIS 60616

DRAWING TITLE:  
PLUMBING NEW WORK PLAN -  
LEVEL 500 SEC. 06 ENLARGED  
PLAN

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| DESIGNED BY: | DA           |
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| PROJECT NO:  | 22285        |
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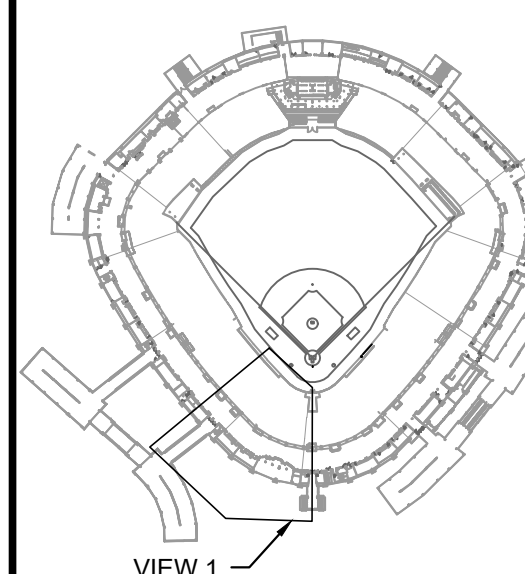




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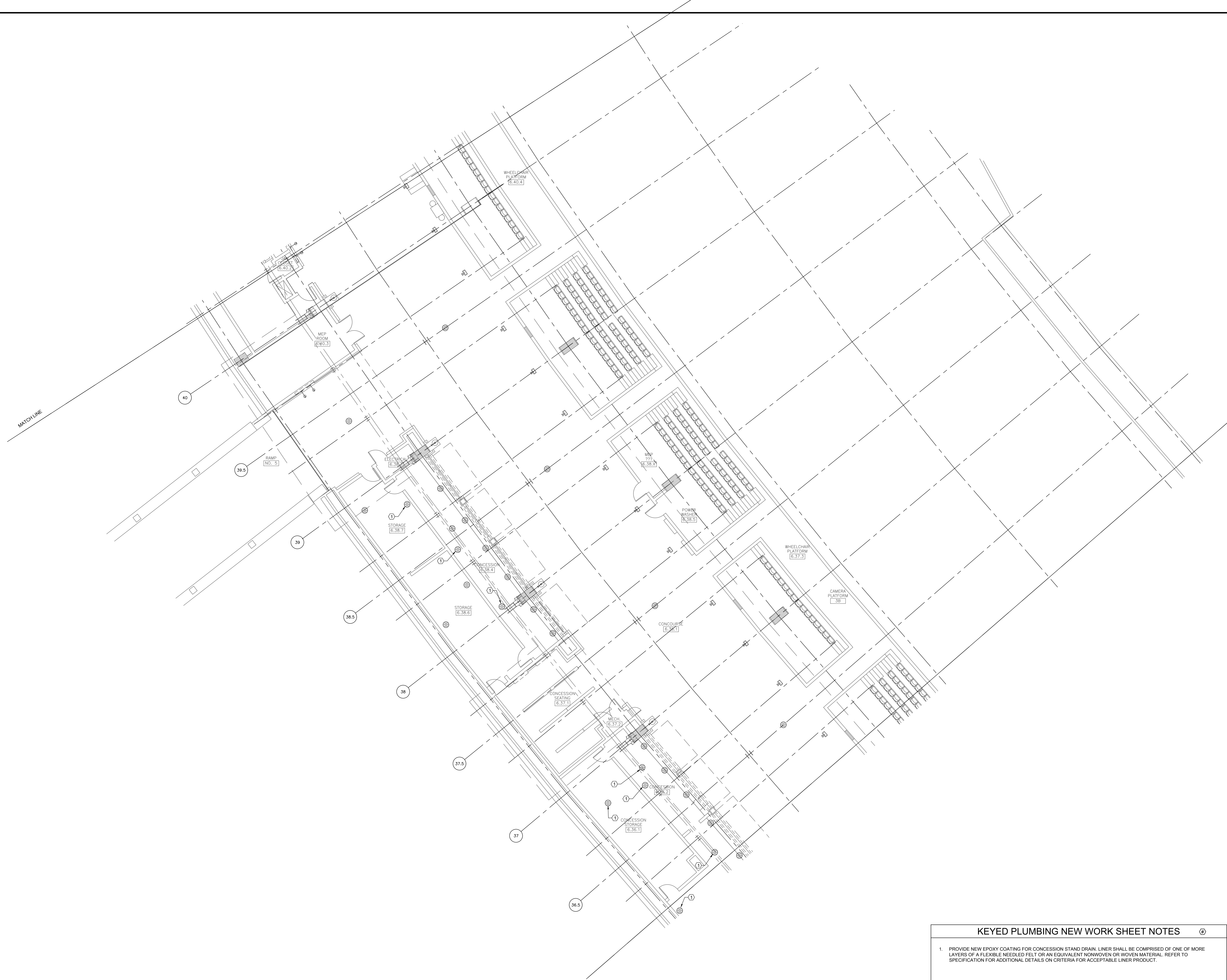
PROJECT:  
GUARANTEED RATE FIELD -  
WASTE/VENT PIPING FY23  
333 W 35TH STREET,  
CHICAGO, ILLINOIS 60616

DRAWING TITLE:  
PLUMBING NEW WORK PLAN -  
LEVEL 500 SEC. 07 ENLARGED  
PLAN

DESIGNED BY: DA  
CHECKED BY: MS  
PROJECT NO: 22285  
SCALE: 1/8" = 1'-0"  
SHEET NO.

P1.507





KEYED PLUMBING NEW WORK SHEET NOTES

1.

PROVIDE NEW EPOXY COATING FOR CONCESSION STAND DRAIN. LINER SHALL BE COMPRISED OF ONE OF MORE LAYERS OF A FLEXIBLE NEEDLED FELT OR AN EQUIVALENT NONWOVEN OR WOVEN MATERIAL. REFER TO SPECIFICATION FOR ADDITIONAL DETAILS OR CRITERIA FOR ACCEPTABLE LINER PRODUCT.

1 PLUMBING NEW WORK PLAN - LEVEL 500 SECTION 8 ENLARGED PLAN

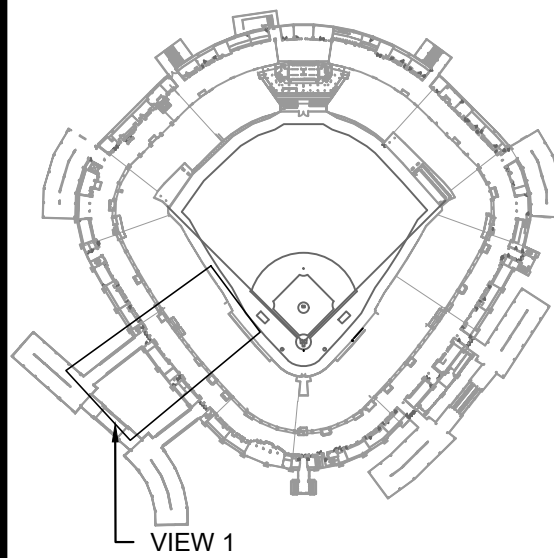
SCALE: 1/8" = 1'-0"



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PROJECT:  
GUARANTEED RATE FIELD -  
WASTE/VENT PIPING FY23

333 W 35TH STREET,  
CHICAGO, ILLINOIS 60616

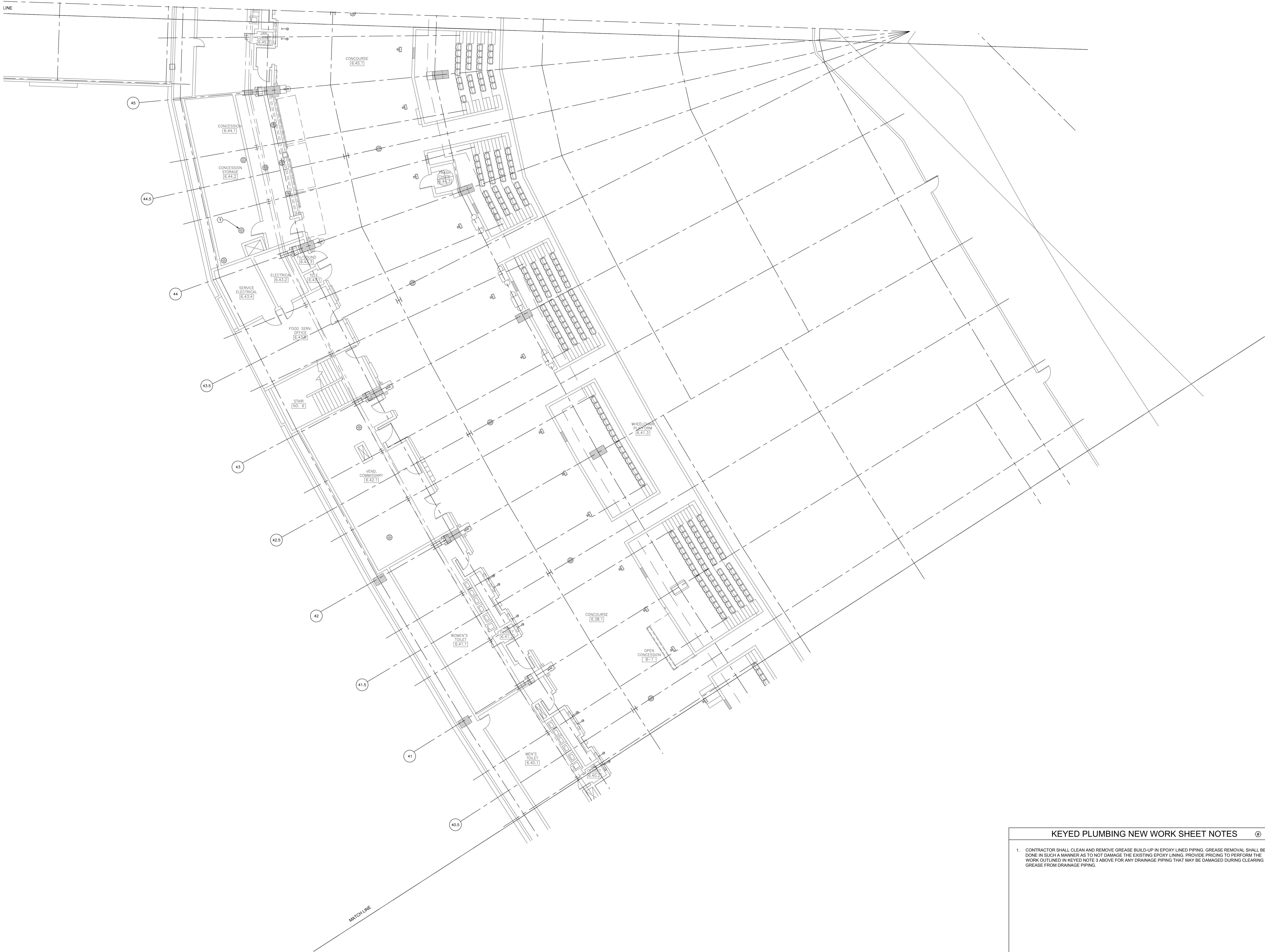
DRAWING TITLE:  
PLUMBING NEW WORK PLAN -  
LEVEL 500 SEC. 08 ENLARGED  
PLAN

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| DESIGNED BY: | DA           |
| CHECKED BY:  | MS           |
| PROJECT NO:  | 22285        |
| SCALE:       | 1/8" = 1'-0" |

SHEET NO.

P1.508



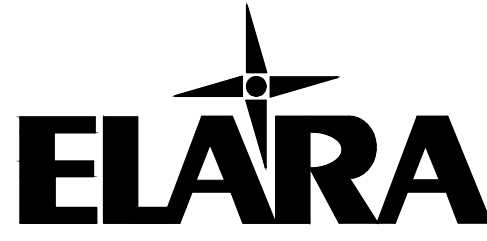


1 PLUMBING NEW WORK PLAN - LEVEL 500 SECTION 9 ENLARGED PLAN

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

KEYED PLUMBING NEW WORK SHEET NOTES

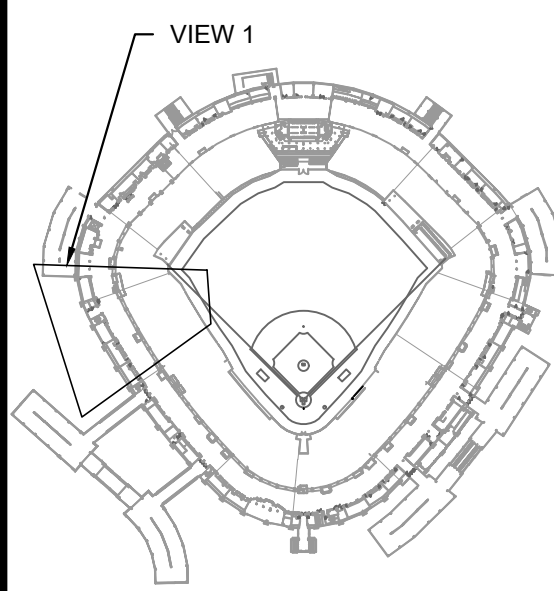
1. CONTRACTOR SHALL CLEAN AND REMOVE GREASE BUILD-UP IN EPOXY LINED PIPING. GREASE REMOVAL SHALL BE DONE IN SUCH A MANNER AS TO NOT DAMAGE THE EXISTING EPOXY LINING. PROVIDE PRICING TO PERFORM THE WORK OUTLINED IN KEYED NOTE 3 ABOVE FOR ANY DRAINAGE PIPING THAT MAY BE DAMAGED DURING CLEARING GREASE FROM DRAINAGE PIPING.



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PROJECT:  
GUARANTEED RATE FIELD -  
WASTE/VENT PIPING FY23

333 W 35TH STREET,  
CHICAGO, ILLINOIS 60616

DRAWING TITLE:  
PLUMBING NEW WORK PLAN -  
LEVEL 500 SEC. 09 ENLARGED  
PLAN

DESIGNED BY: DA  
CHECKED BY: MS  
PROJECT NO: 22285  
SCALE: 1/8" = 1'-0"

SHEET NO.

P1.509





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

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.

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FACILITIES AUTHORITY

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PROJECT:  
GUARANTEED RATE FIELD -  
WASTE/VENT PIPING FY23  
  
333 W 35TH STREET,  
CHICAGO, ILLINOIS 60616

DRAWING TITLE:  
PLUMBING NEW WORK PLAN -  
SERVICE LEVEL SEC. 05  
ENLARGED PLAN

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| DESIGNED BY: | DA           |
| CHECKED BY:  | MS           |
| PROJECT NO:  | 22285        |
| SCALE:       | 1/8" = 1'-0" |
| SHEET NO.    | P2.S05       |



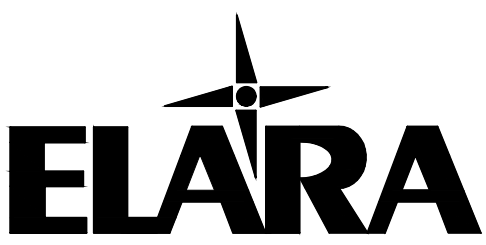


1 PLUMBING NEW WORK PLAN - LEVEL 100 SECTION 5 ENLARGED PLAN

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.



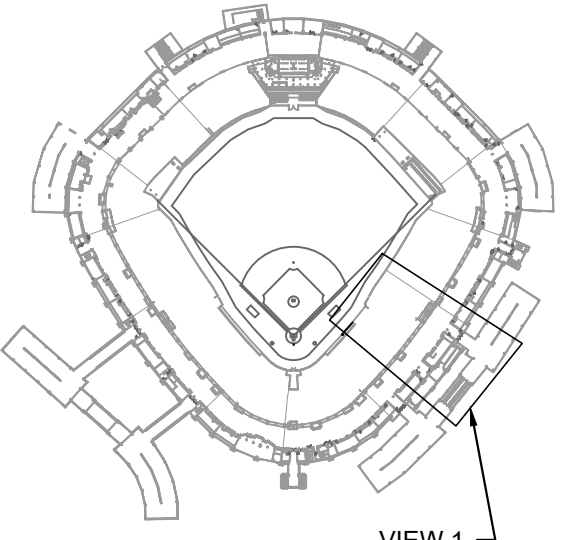
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FACILITIES AUTHORITY



KEY PLAN



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PROJECT:  
GUARANTEED RATE FIELD -  
WASTE/VENT PIPING FY23

333 W 35TH STREET,  
CHICAGO, ILLINOIS 60616

DRAWING TITLE:  
PLUMBING NEW WORK PLAN -  
100 LEVEL SEC. 05 ENLARGED  
PLAN

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| DESIGNED BY: | DA           |
| CHECKED BY:  | MS           |
| PROJECT NO.: | 22285        |
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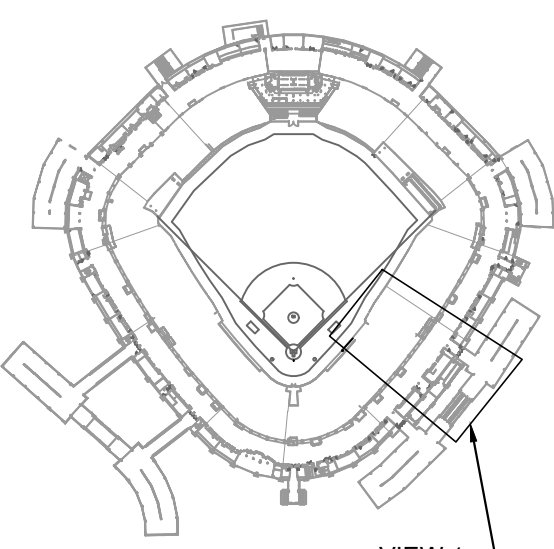




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GUARANTEED RATE FIELD -  
WASTE/VENT PIPING FY23

333 W 35TH STREET,  
CHICAGO, ILLINOIS 60616

DRAWING TITLE:

PLUMBING NEW WORK PLAN -  
200 LEVEL SEC. 05 ENLARGED  
PLAN

DESIGNED BY: DA

CHECKED BY: MS

PROJECT NO.: 22285

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

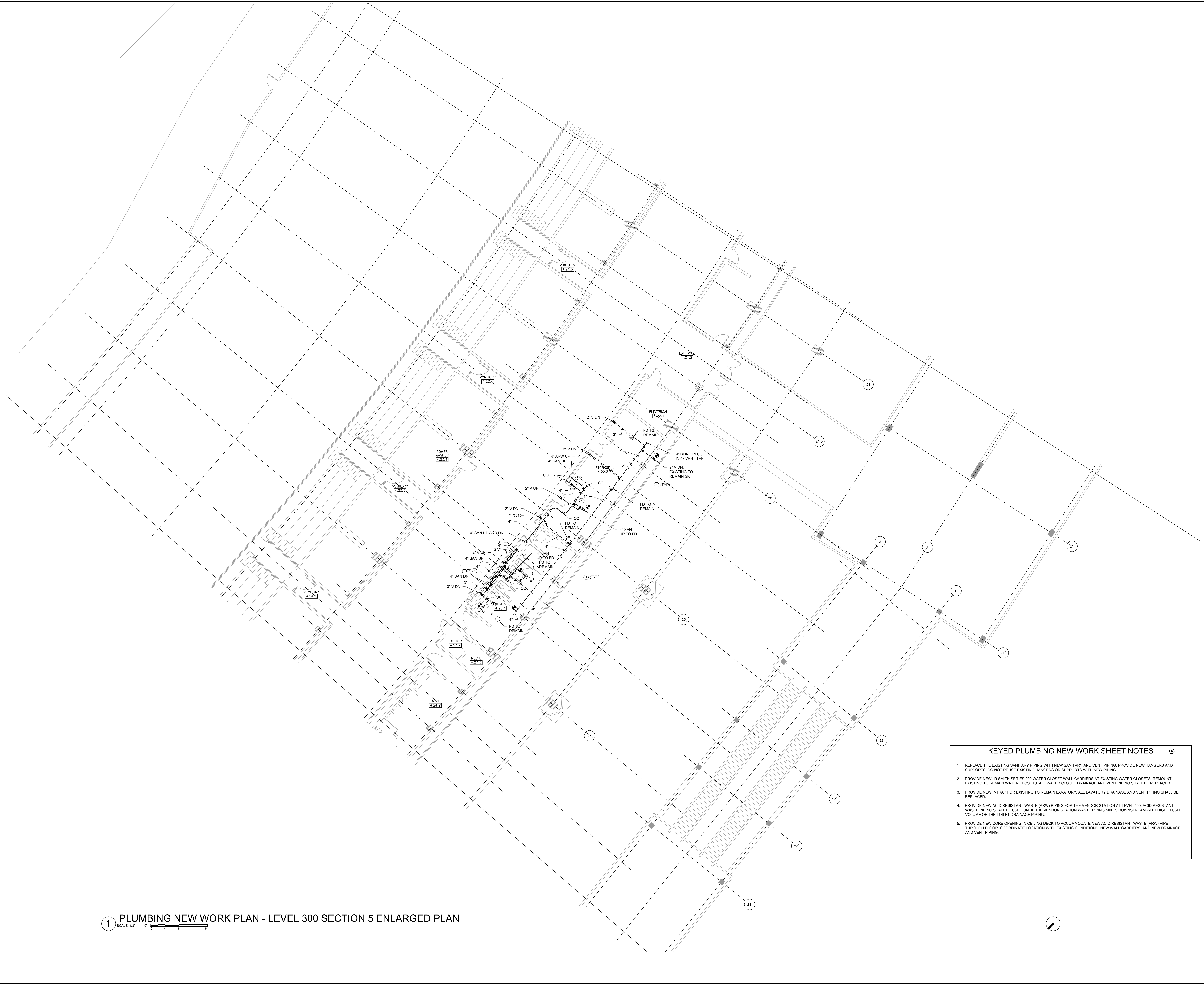
SHEET NO.

P2.205

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

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



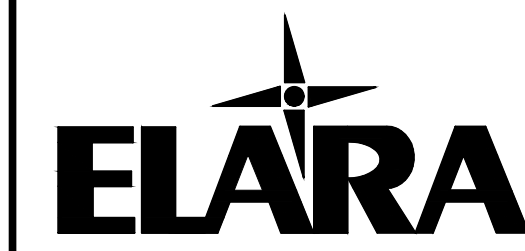


1 PLUMBING NEW WORK PLAN - LEVEL 300 SECTION 5 ENLARGED PLAN

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

KEYED PLUMBING NEW WORK SHEET NOTES

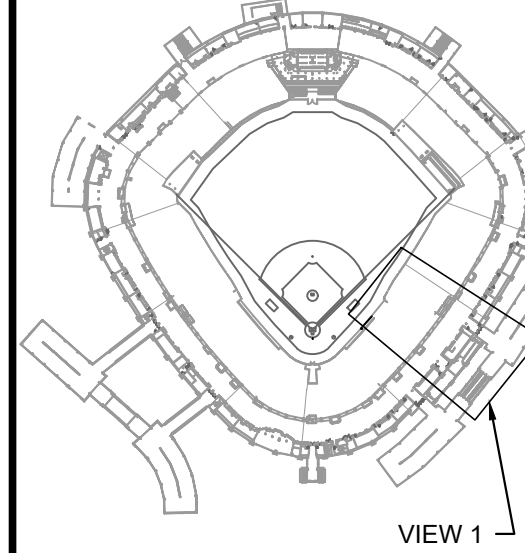
1. REPLACE THE EXISTING SANITARY PIPING WITH NEW SANITARY AND VENT PIPING. PROVIDE NEW HANGERS AND SUPPORTS; DO NOT REUSE EXISTING HANGERS OR SUPPORTS WITH NEW PIPING.
2. PROVIDE NEW JR SMITH SERIES 200 WATER CLOSET WALL CARRIERS AT EXISTING WATER CLOSETS; REMOUNT EXISTING TO REMAIN WATER CLOSETS. ALL WATER CLOSET DRAINAGE AND VENT PIPING SHALL BE REPLACED.
3. PROVIDE NEW P-TRAP FOR EXISTING TO REMAIN LAVATORY. ALL LAVATORY DRAINAGE AND VENT PIPING SHALL BE REPLACED.
4. PROVIDE NEW ACID RESISTANT WASTE (ARW) PIPING FOR THE VENDOR STATION AT LEVEL 300. ACID RESISTANT WASTE PIPING SHALL BE USED UNTIL THE VENDOR STATION WASTE PIPING MIXES DOWNSTREAM WITH HIGH FLUSH VOLUME OF THE TOILET DRAINAGE PIPING.
5. PROVIDE NEW CORE OPENING IN CEILING DECK TO ACCOMMODATE NEW ACID RESISTANT WASTE (ARW) PIPE THROUGH FLOOR. COORDINATE LOCATION WITH EXISTING CONDITIONS, NEW WALL CARRIERS, AND NEW DRAINAGE AND VENT PIPING.



30 N. Wolf Rd., Second Floor  
Hillside, IL 60162  
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KEY PLAN



ISSUE/REVISION:

| REV. | DATE     | DESCRIPTION   |
|------|----------|---------------|
| 1    | 10/26/22 | ISSUE FOR BID |
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PROJECT:

GUARANTEED RATE FIELD -  
WASTE/VENT PIPING FY23

333 W 35TH STREET,  
CHICAGO, ILLINOIS 60616

DRAWING TITLE:

PLUMBING NEW WORK PLAN -  
300 LEVEL SEC. 05 ENLARGED  
PLAN

DESIGNED BY: DA

CHECKED BY: MS

PROJECT NO.: 22285

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

SHEET NO.

P2.305





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

KEYED PLUMBING NEW WORK SHEET NOTES

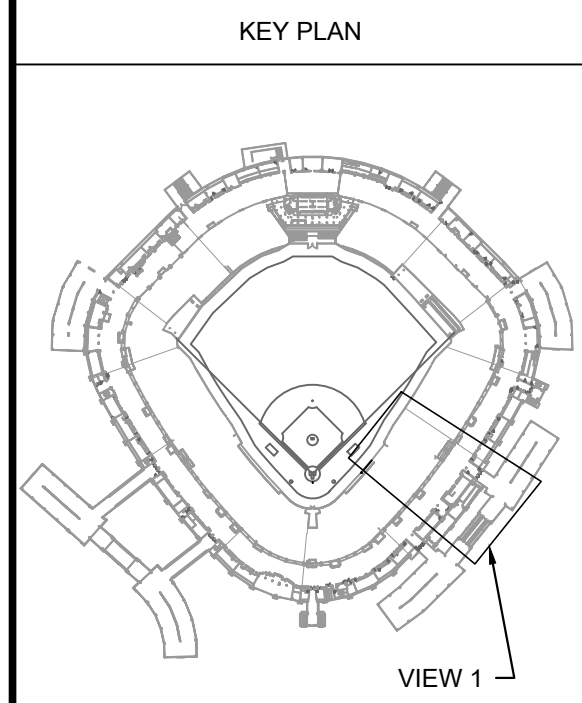
1. REPLACE THE EXISTING SANITARY PIPING WITH NEW SANITARY AND VENT PIPING. PROVIDE NEW HANGERS AND SUPPORTS; DO NOT REUSE EXISTING HANGERS OR SUPPORTS WITH NEW PIPING.

2. 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.

3. PROVIDE NEW P-TRAP FOR EXISTING TO REMAIN LAVATORY. ALL LAVATORY DRAINAGE AND VENT PIPING SHALL BE REPLACED.

4. PROVIDE NEW ACID RESISTANT WASTE (ARW) PIPING FOR THE VENDOR STATION AT LEVEL 500. ACID RESISTANT WASTE PIPING SHALL BE USED UNTIL THE VENDOR STATION WASTE PIPING MIXES DOWNSTREAM WITH HIGH FLUSH VOLUME OF THE TOILET DRAINAGE PIPING.

5. PROVIDE NEW CORE OPENING IN FLOOR DECK TO ACCOMMODATE NEW ACID RESISTANT WASTE (ARW) PIPE THROUGH FLOOR. COORDINATE LOCATION WITH EXISTING CONDITIONS, NEW WALL CARRIERS, AND NEW DRAINAGE AND VENT PIPING.



| ISSUE/REVISION: |          |                   |
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| REV.            | DATE     | DESCRIPTION       |
| -               | 10/28/22 | ISSUE FOR BIDDING |
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PROJECT:

GUARANTEED RATE FIELD -  
WASTE/VENT PIPING FY23

333 W 35TH STREET,  
CHICAGO, ILLINOIS 60616

DRAWING TITLE:

PLUMBING NEW WORK PLAN -  
400 LEVEL SEC. 05 ENLARGED  
PLAN

|              |             |
|--------------|-------------|
| DESIGNED BY: | DA          |
| CHECKED BY:  | MS          |
| PROJECT NO.: | 22285       |
| SCALE:       | #1" = 1'-0" |
| SHEET NO.    |             |

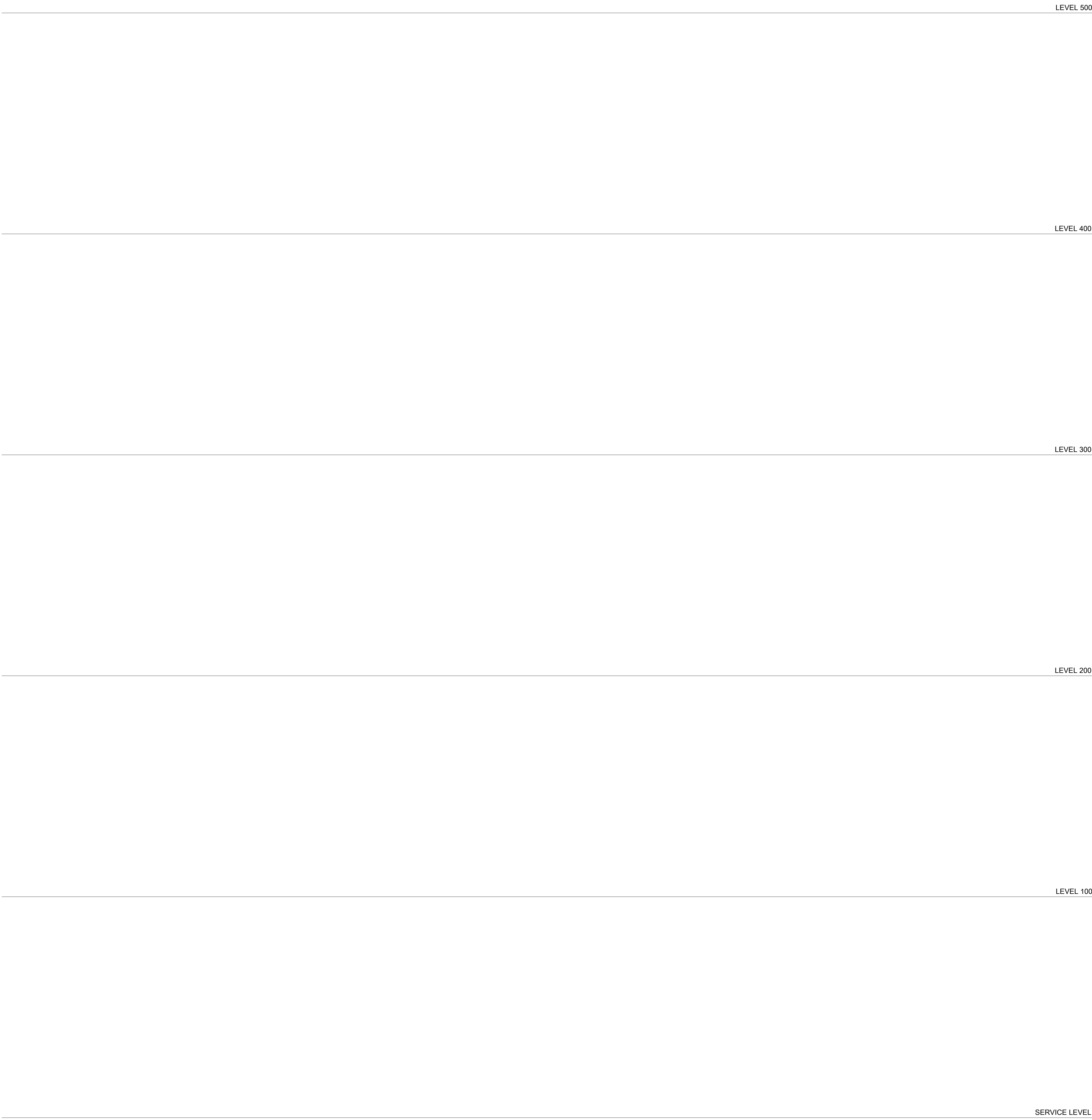


KEYED PLUMBING DEMOLITION SHEET NOTES

1.

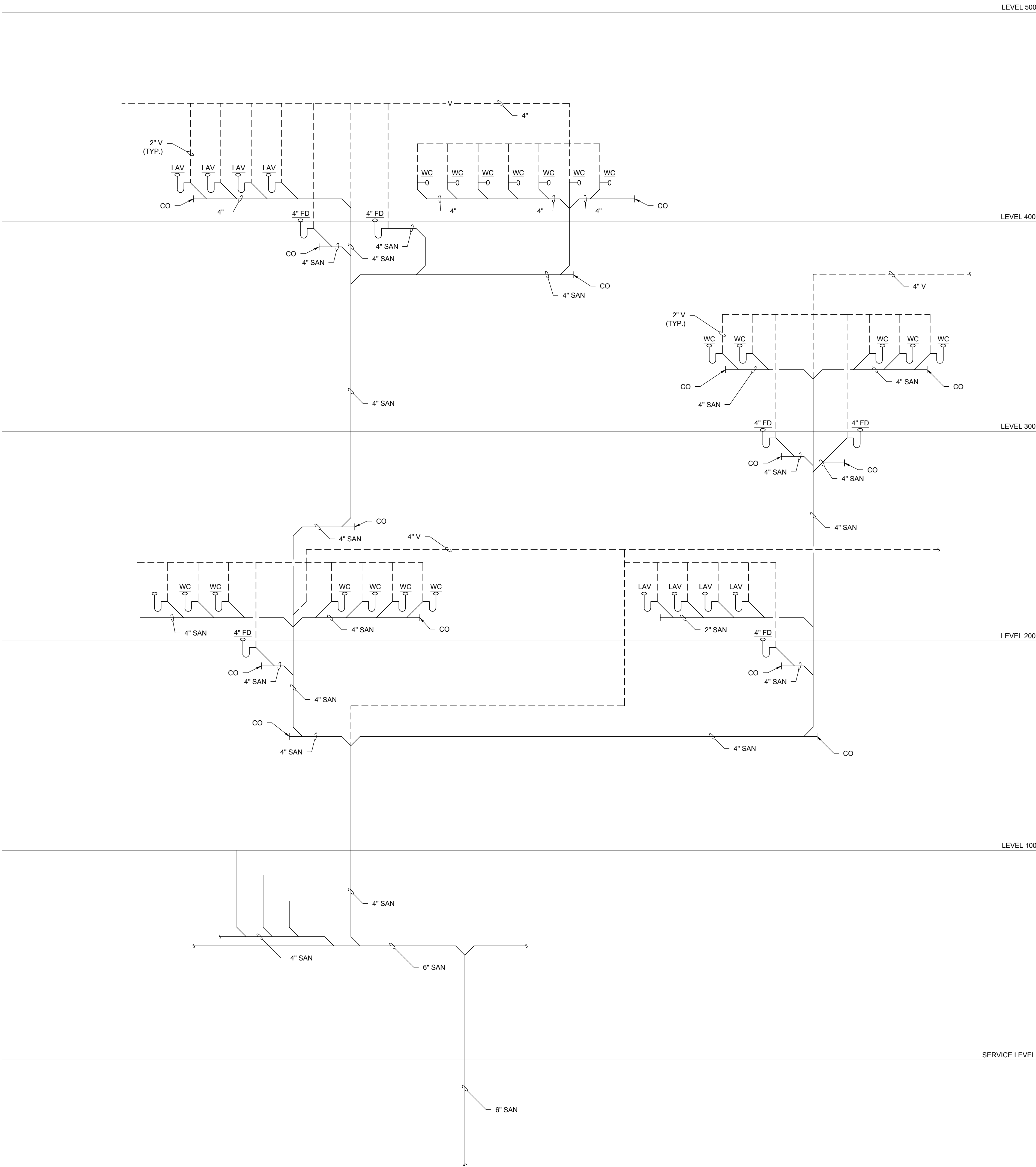
KEYED PLUMBING NEW WORK SHEET NOTES

1.



2 PLUMBING NEW WORK RISER DIAGRAM

SCALE: NO SCALE



1 PLUMBING DEMOLITION RISER DIAGRAM

SCALE: NO SCALE



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PROJECT:  
GUARANTEED RATE FIELD -  
WASTE/VENT PIPING FY23

333 W 35TH STREET,  
CHICAGO, ILLINOIS 60616

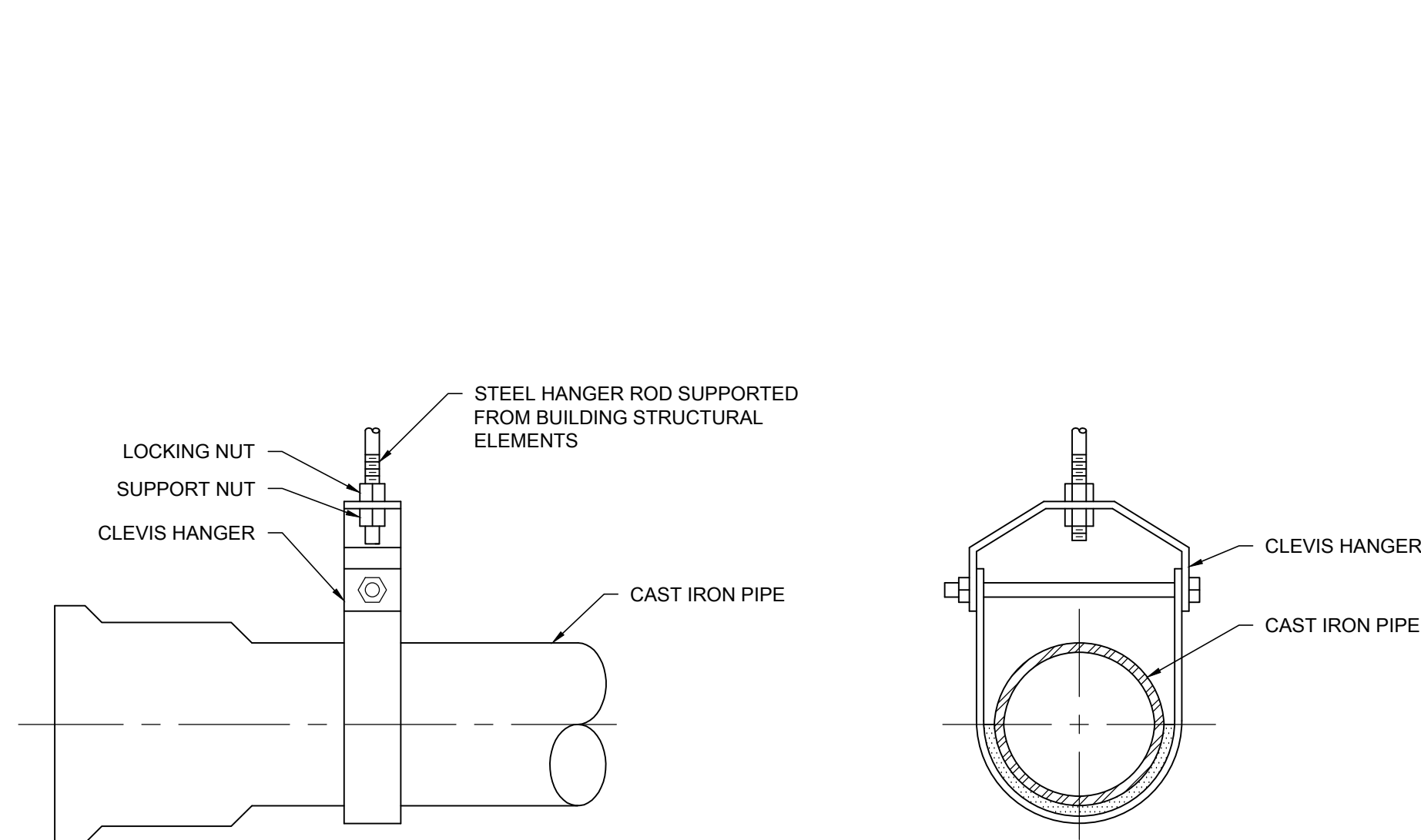
DRAWING TITLE:  
PLUMBING RISER DIAGRAM

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| DESIGNED BY: | DA       |
| CHECKED BY:  | MS       |
| PROJECT NO:  | 22285    |
| SCALE:       | NO SCALE |

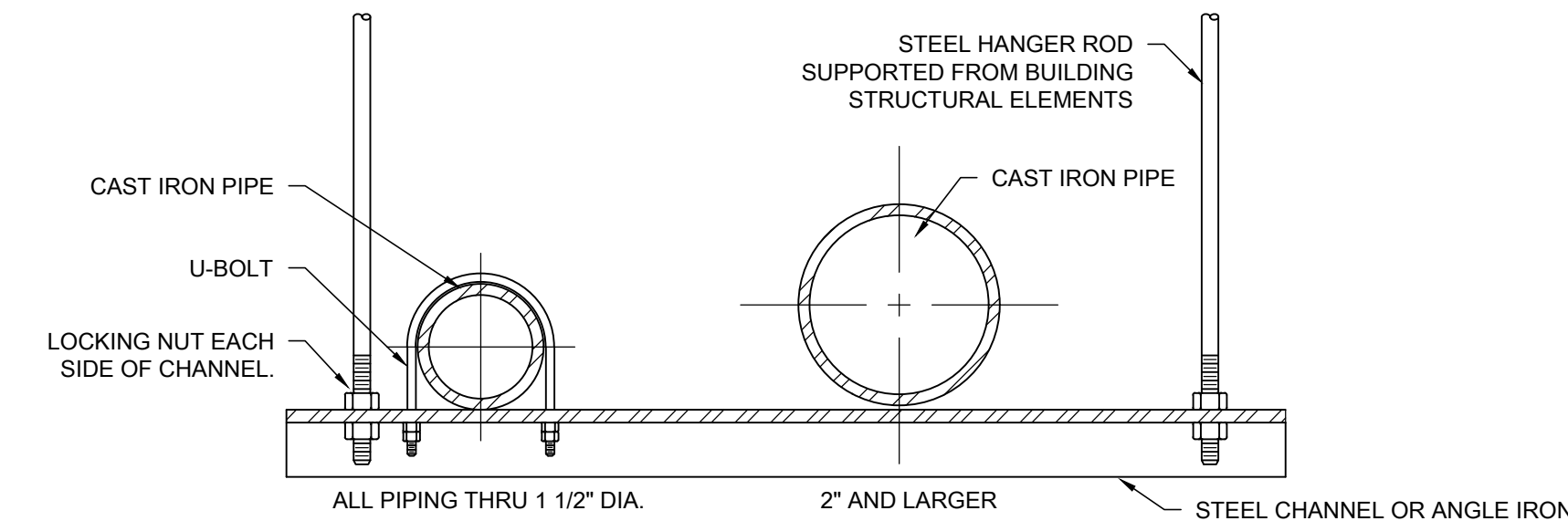
SHEET NO.

P3.001





- NOTES:
1. CONFER WITH ARCHITECT AND REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION ON ACCEPTABLE METHODS AND LOCATIONS FOR HANGER SUPPORTS.



| PIPE HANGERS AND SUPPORTS (HORIZONTAL STEEL AND COPPER PIPING) |                           |                      |
|----------------------------------------------------------------|---------------------------|----------------------|
| NOMINAL PIPE SIZE                                              | DISTANCE BETWEEN SUPPORTS | HANGER ROD DIAMETERS |
| 1/2"                                                           | 6'                        | 3/8"                 |
| 3/4" TO 1-1/2"                                                 | 6'                        | 1/2"                 |
| 2" TO 2-1/2"                                                   | 10'                       | 1/2"                 |
| 3" AND 4"                                                      | 12'                       | 5/8"                 |
| 6" TO 12"                                                      | 14'                       | 7/8"                 |

- NOTES:
1. PLACE HANGER WITHIN 1 FOOT OF EACH HORIZONTAL ELBOW. SUPPORT HORIZONTAL SOLID WASTE AND STORM PIPE NEAR EACH HUB, WITH 5 FEET MAXIMUM SPACING BETWEEN HANGERS.

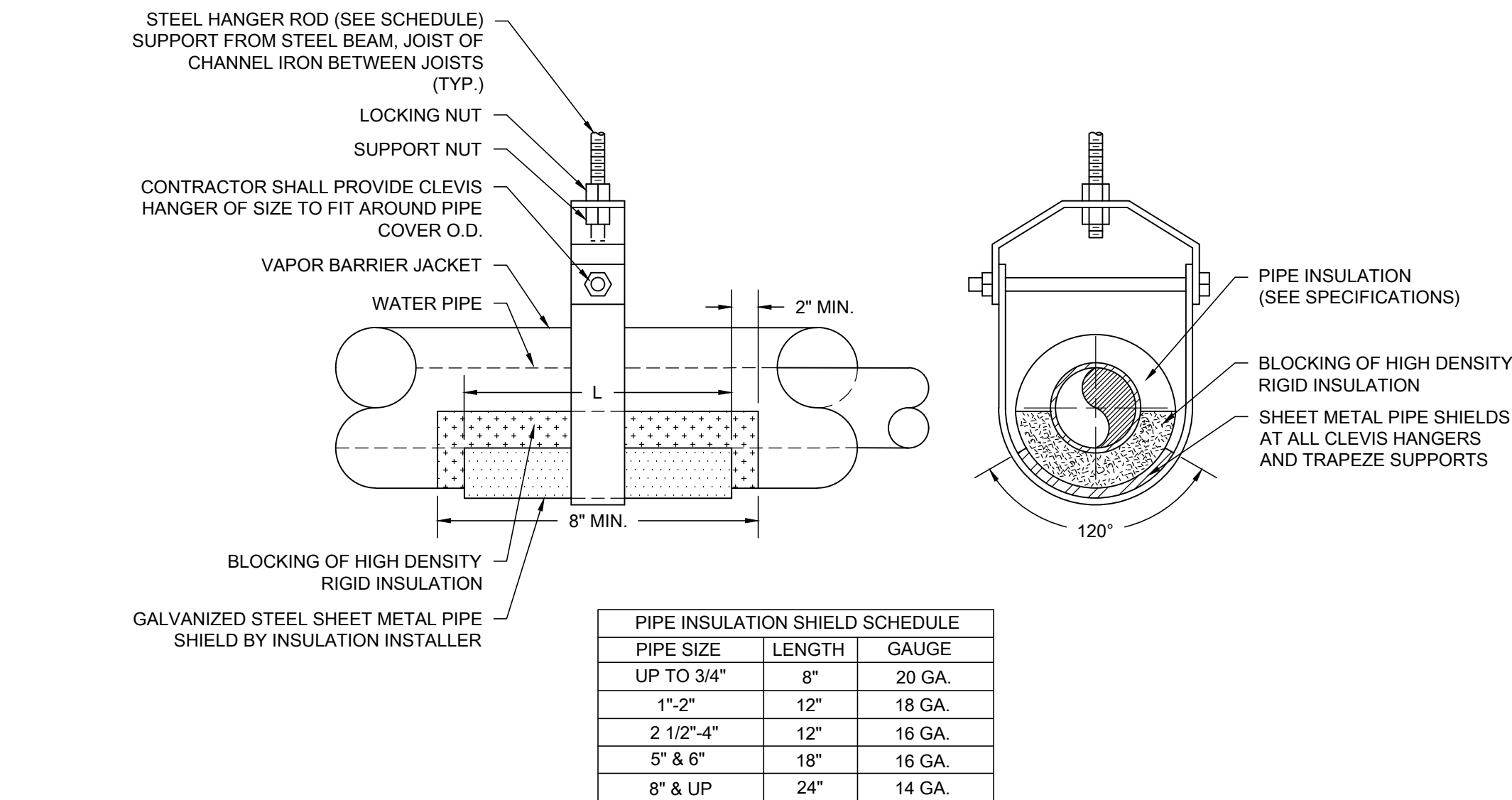
VERTICAL PIPING:

1. SUPPORT VERTICAL WATER PIPING AT EVERY FLOOR.
2. SUPPORT VERTICAL SOIL PIPE AT EACH FLOOR AT HUB.

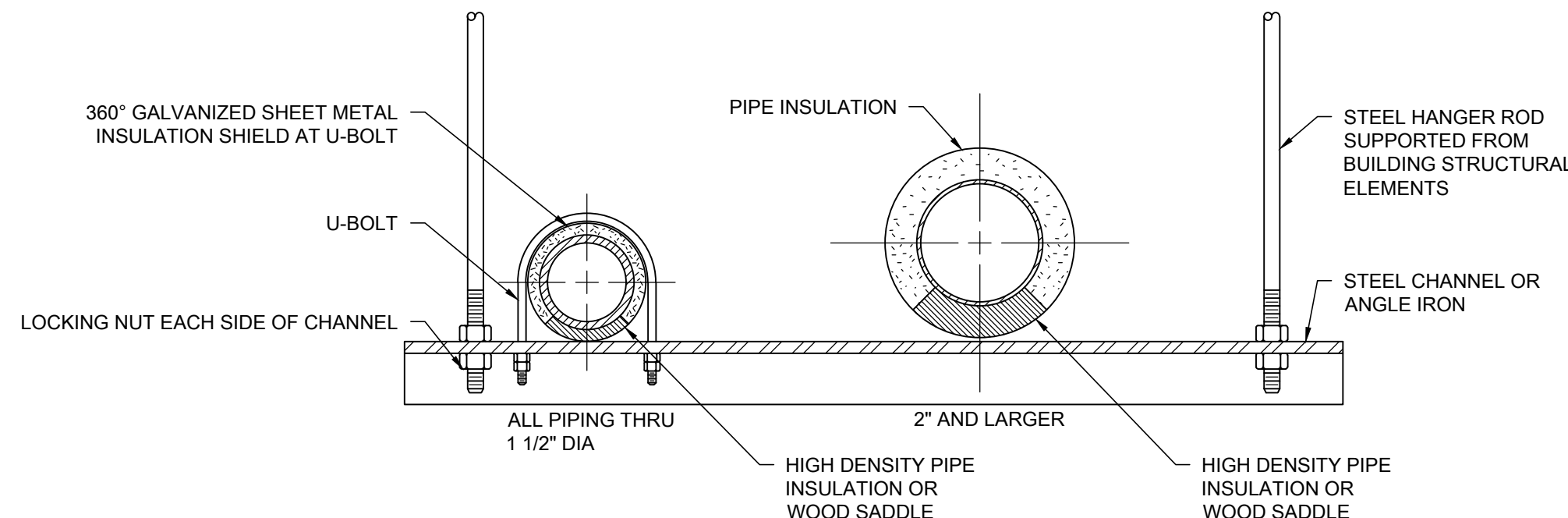
WHERE SEVERAL PIPES CAN BE INSTALLED IN PARALLEL AND AT SAME ELEVATION PROVIDE MULTIPLE OR TRAPEZE HANGERS. WHERE PRACTICAL, SUPPORT RISER PIPING INDEPENDENTLY OF CONNECTED HORIZONTAL PIPING.

## 7 PIPE HANGER DETAILS (UN-INSULATED)

SCALE: NO SCALE



| PIPE INSULATION SHIELD SCHEDULE |        |        |
|---------------------------------|--------|--------|
| PIPE SIZE                       | LENGTH | GAUGE  |
| UP TO 3/4"                      | 8"     | 20 GA. |
| 1"-2"                           | 12"    | 18 GA. |
| 2 1/2"-4"                       | 12"    | 16 GA. |
| 5" & 6"                         | 18"    | 16 GA. |
| 8" & UP                         | 24"    | 14 GA. |



| PIPE HANGERS AND SUPPORTS (HORIZONTAL STEEL AND COPPER PIPING) |                           |                      |
|----------------------------------------------------------------|---------------------------|----------------------|
| NOMINAL PIPE SIZE                                              | DISTANCE BETWEEN SUPPORTS | HANGER ROD DIAMETERS |
| 1/2"                                                           | 6'                        | 3/8"                 |
| 3/4" TO 1-1/2"                                                 | 6'                        | 1/2"                 |
| 2" TO 2-1/2"                                                   | 10'                       | 1/2"                 |
| 3" AND 4"                                                      | 12'                       | 5/8"                 |
| 6" TO 12"                                                      | 14'                       | 7/8"                 |

NOTES:

HORIZONTAL PIPING:

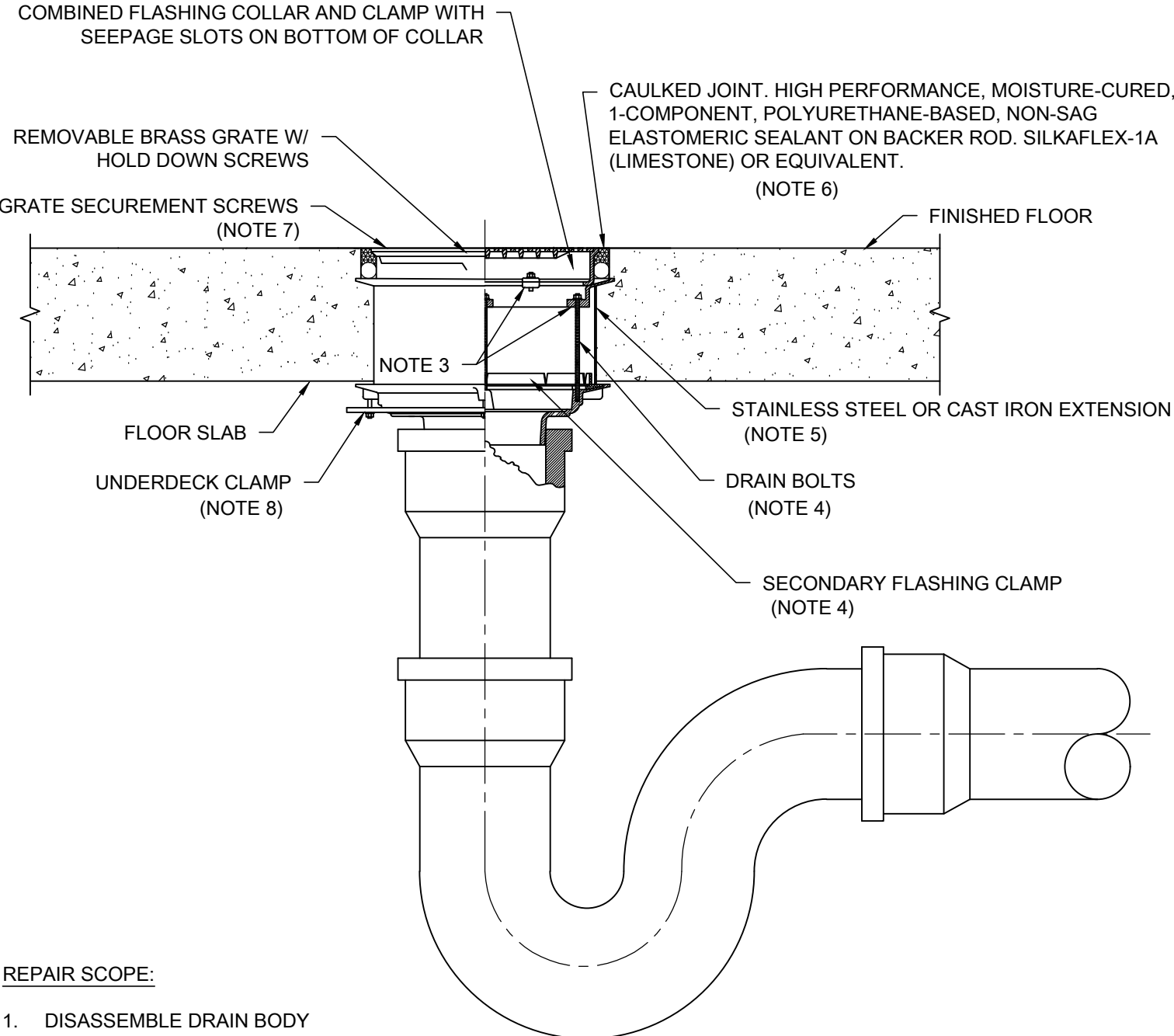
1. PLACE HANGER WITHIN 1 FOOT OF EACH HORIZONTAL ELBOW. SUPPORT HORIZONTAL SOLID WASTE AND STORM PIPE NEAR EACH HUB, WITH 5 FEET MAXIMUM SPACING BETWEEN HANGERS.

VERTICAL PIPING:

1. SUPPORT VERTICAL WATER PIPING AT EVERY FLOOR.
2. SUPPORT VERTICAL SOIL PIPE AT EACH FLOOR AT HUB.
3. WHERE SEVERAL PIPES CAN BE INSTALLED IN PARALLEL AND AT SAME ELEVATION PROVIDE MULTIPLE OR TRAPEZE HANGERS.
4. WHERE PRACTICAL, SUPPORT RISER PIPING INDEPENDENTLY OF CONNECTED HORIZONTAL PIPING.

## 4 PIPE HANGER DETAIL (INSULATED)

SCALE: NO SCALE

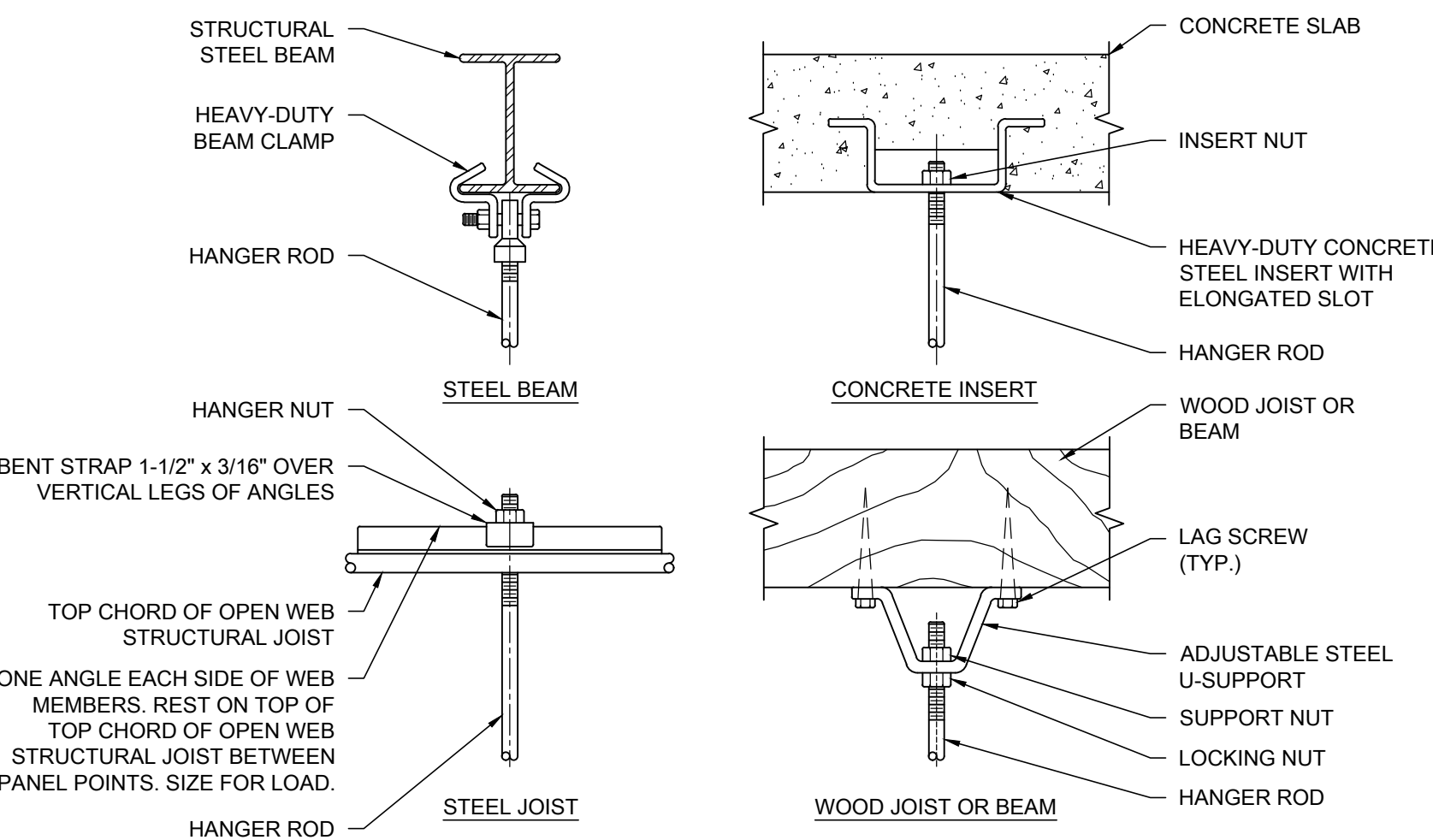


REPAIR SCOPE:

1. DISASSEMBLE DRAIN BODY
2. CLEAN DEBRIS FROM DRAIN INTERIOR.
3. INSPECT FOR BROKEN BOLT FLANGES OR CONNECTION POINTS. REPLACE DRAIN BODY COMPONENTS THAT ARE BROKEN.
4. PROVIDE ALL NEW SS NUTS & BOLTS SECURING UPPER DRAIN BODY AND LOWER BODY. PROVIDE NEW FLASHING CLAMP TO ENSURE PROPER LEAK PREVENTION.
5. CONFIRM EXISTING SPACER SUFFICIENTLY SIZED FOR CONCRETE THICKNESS. IF EXTENSION IS NOT PROPER SIZE TO YIELD A GRATE HEIGHT LEVEL WITH THE FLOOR, PROVIDE A NEW EXTENSION OF APPROPRIATE HEIGHT.
6. RESEAL GAP BETWEEN DRAIN AND ADJACENT CONCRETE. REFER TO SPECIFICATIONS.
7. PROVIDE NEW FASTENERS TO ATTACH GRATE TO DRAIN BODY.
8. IF DRAIN REMAINS INSECURE, INSPECT UNDERDECK CLAMPS TO CONFIRM PROPER ATTACHMENT.

## 1 DECK DRAIN DETAIL

SCALE: NO SCALE



| PIPE HANGERS AND SUPPORTS (HORIZONTAL STEEL AND COPPER PIPING) |                           |                      |
|----------------------------------------------------------------|---------------------------|----------------------|
| NOMINAL PIPE SIZE                                              | DISTANCE BETWEEN SUPPORTS | HANGER ROD DIAMETERS |
| 1/2"                                                           | 6'                        | 3/8"                 |
| 3/4" TO 1-1/2"                                                 | 6'                        | 1/2"                 |
| 2" TO 2-1/2"                                                   | 10'                       | 1/2"                 |
| 3" AND 4"                                                      | 12'                       | 5/8"                 |
| 6" TO 12"                                                      | 14'                       | 7/8"                 |

NOTES:

PLACE HANGER WITHIN 1 FOOT OF EACH HORIZONTAL ELBOW. SUPPORT HORIZONTAL SOLID WASTE AND STORM PIPE NEAR EACH HUB, WITH 5 FEET MAXIMUM SPACING BETWEEN HANGERS.

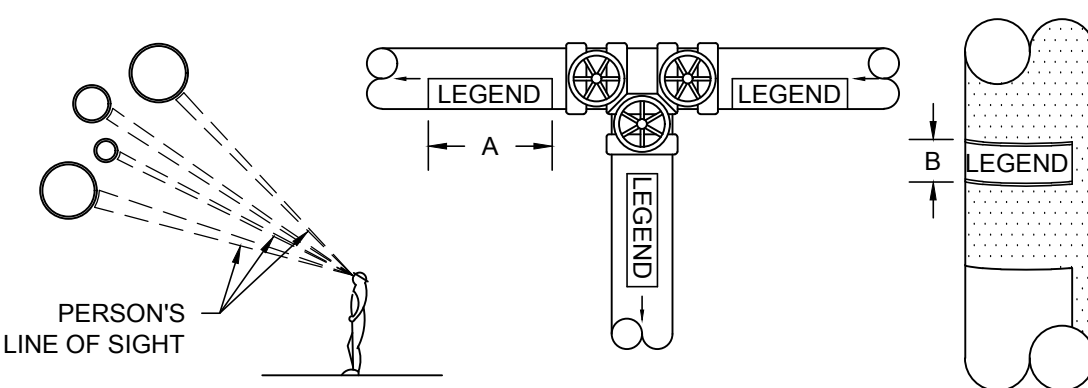
VERTICAL PIPING:

1. SUPPORT VERTICAL WATER PIPING AT EVERY FLOOR.
2. SUPPORT VERTICAL SOIL PIPE AT EACH FLOOR AT HUB.

WHERE SEVERAL PIPES CAN BE INSTALLED IN PARALLEL AND AT SAME ELEVATION PROVIDE MULTIPLE OR TRAPEZE HANGERS. WHERE PRACTICAL, SUPPORT RISER PIPING INDEPENDENTLY OF CONNECTED HORIZONTAL PIPING.

## 2 PIPE HANGER DETAIL

SCALE: NO SCALE



NOTES:

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.

| SIZE OF LEGEND LETTERS               |                           |                     |
|--------------------------------------|---------------------------|---------------------|
| OUTSIDE DIAMETER OF PIPE OF COVERING | LENGTH OF COLOR FIELD "A" | SIZE OF LETTERS "B" |
| 3/4" TO 1-1/4"                       | 8"                        | 1/2"                |
| 1-1/2" TO 2"                         | 8"                        | 3/4"                |
| 2-1/2" TO 6"                         | 12"                       | 1-1/4"              |
| 8" TO 10"                            | 24"                       | 2"                  |
| OVER 10"                             | 32"                       | 3-1/2"              |

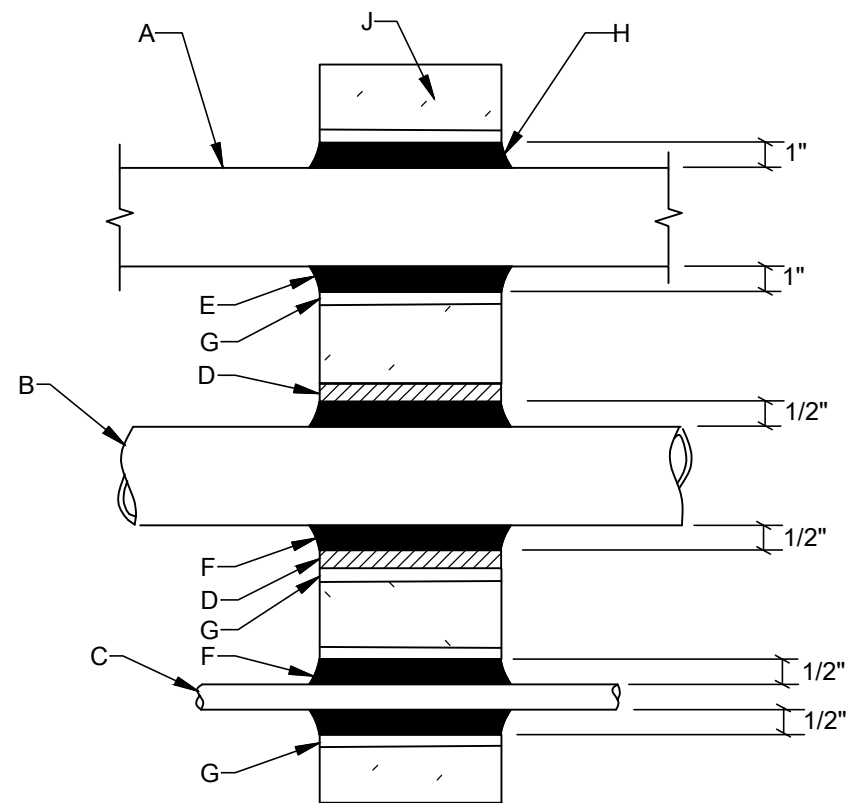
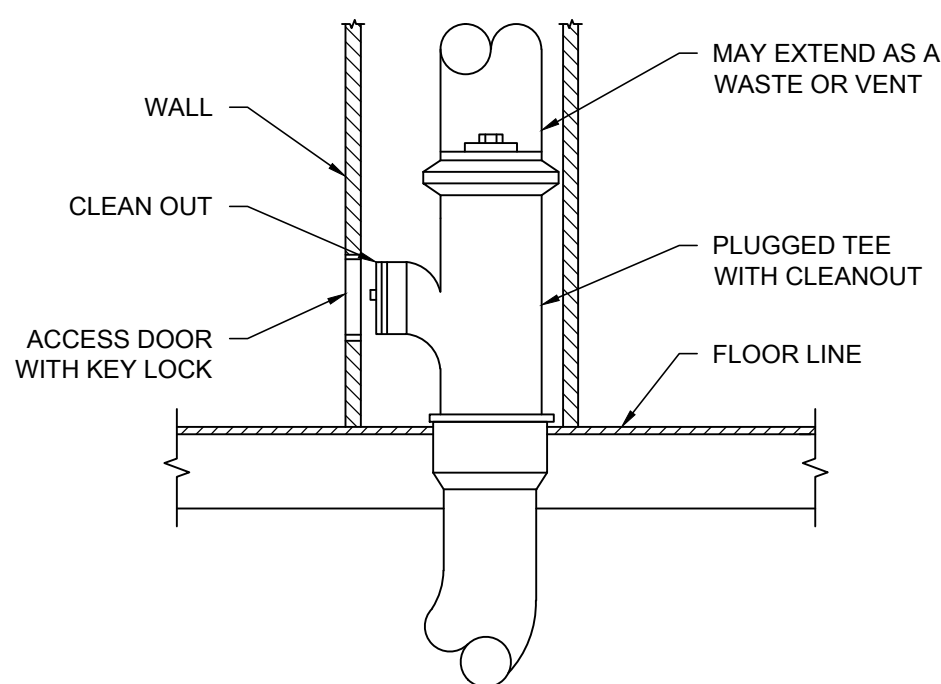
| PLAN TAG | SERVICE                   | IDENTIFICATION MARKER                |
|----------|---------------------------|--------------------------------------|
| SAN      | SANITARY                  | WHITE LETTERING ON GREEN BACKGROUND  |
| V        | VENT                      | WHITE LETTERING ON GREEN 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  |
| HW       | DOMESTIC HOT WATER        | BLACK LETTERING ON YELLOW BACKGROUND |
| HW/R     | DOMESTIC HOT WATER RETURN | BLACK LETTERING ON YELLOW BACKGROUND |

NOTES:

1. BALANCE OF PIPING SAME AS CLEANOUT TO GRADE

## 6 WALL CLEANOUT DETAIL

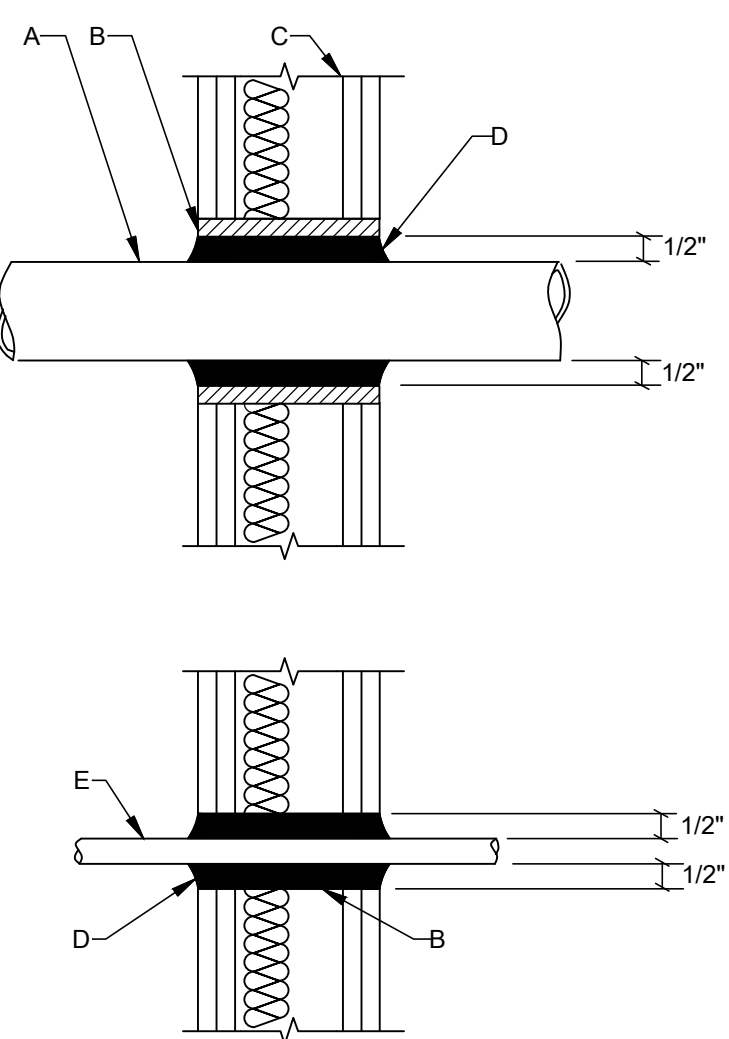
SCALE: NO SCALE



## 8 MASONRY/CONCRETE PENETRATIONS DETAIL

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.



## DRY WALL PENETRATIONS DETAIL

## 8 PIPE PENETRATIONS DETAIL

SCALE: NO SCALE



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KEY PLAN

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| -    | 10/26/23 | ISSUE FOR BID |

PROJECT:

GUARANTEED RATE FIELD - WASTE/VENT PIPING FY23

333 W 35TH STREET,  
CHICAGO, ILLINOIS 60616

DRAWING TITLE:

PLUMBING DETAILS

DESIGNED BY: DA

CHECKED BY: MS

PROJECT NO: 22285

SCALE: NO SCALE

SHEET NO.

P4.001



