

PERMIT
SET

SIGNED BY:
ADAM M. ALABEIA
Florida Registered Engineer
No. 0045130

Revisions

11	CITY OF MIAMI BEACH PERMIT COMMENTS	08/26/2016
10	UNDERGROUND UTILITIES & COLUMN RELOCATION	05/30/2016
9	REVISIONS	9/11/2015
8	REVISIONS	07/13/2015
7	REVISIONS	11/26/2014
6	REVISIONS	11/26/2014
5	REVISIONS	11/26/2014
4	REVISIONS	11/26/2014
3	REVISIONS	11/26/2014
2	REVISIONS	11/26/2014
1	REVISIONS	11/26/2014
NO	REVISIONS	11/26/2014

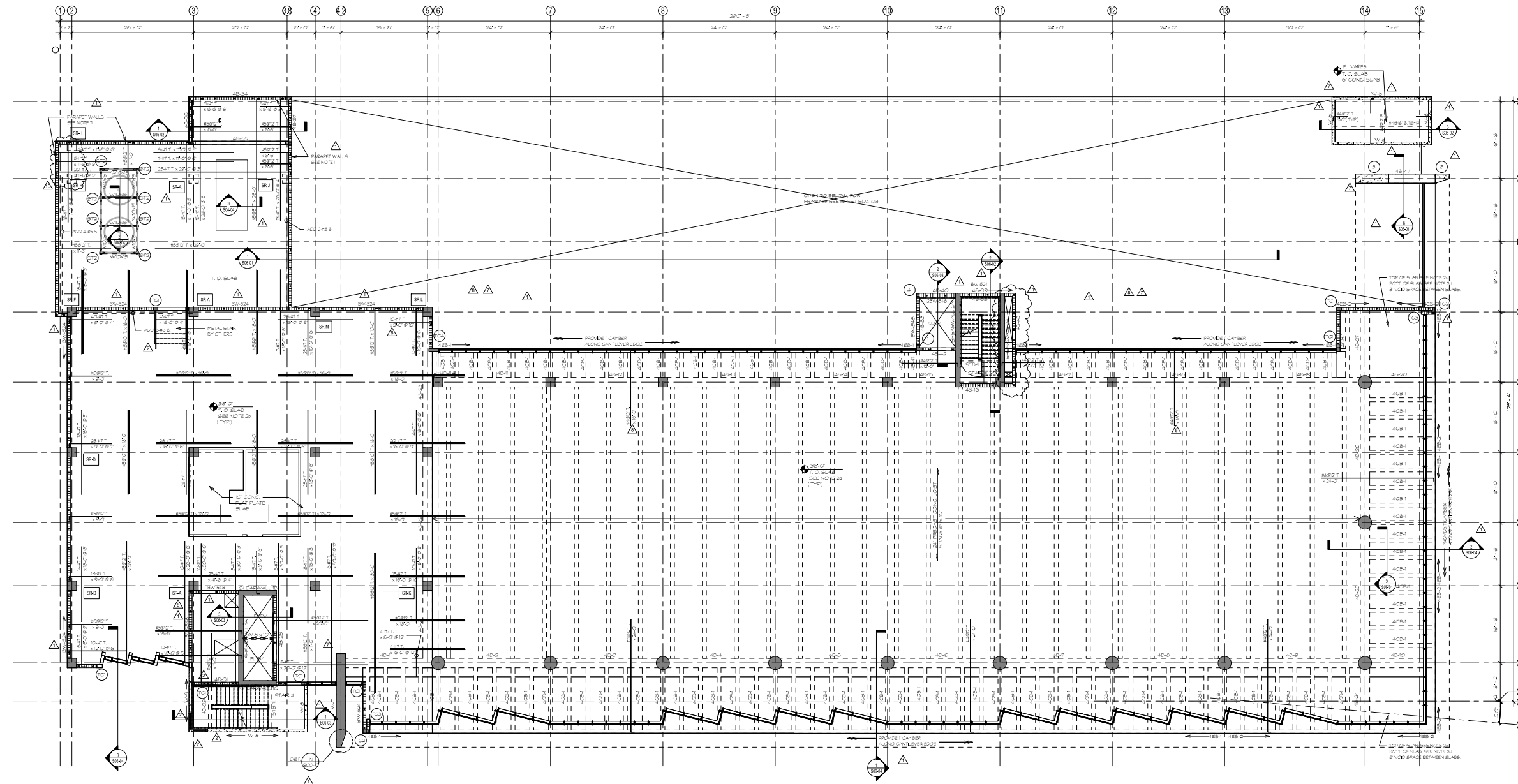
Sheet Information	
Date	Issued: September 4, 2014
Job Number	01457-A
Drawn	DOA
Checked	JAC
Approved	AJA

4TH FLOOR
FRAMING PLAN

Sheet

S04-04

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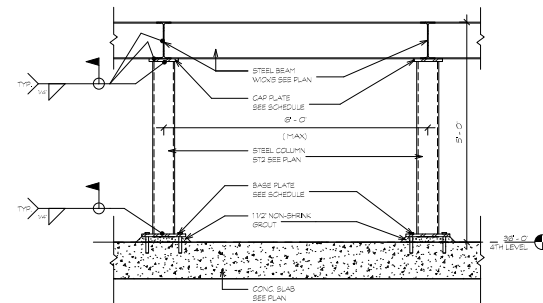


4TH FLOOR FRAMING PLAN

1/8" = 1'-0"

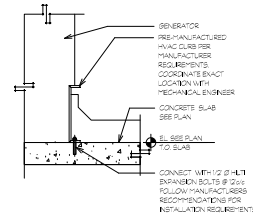
PLAN NOTES

1. TOP OF SLAB ELEVATION = 280.0' (+/-) 0.1' NVD. TYPICAL, UNLESS OTHERWISE NOTED AS THIS.
2. 1/2" VERTICAL.
3. 4" CONCRETE SLAB REINFORCED WITH #4 @ 12" O.C. PERPENDICULAR TO JOINT AND #3 @ 12" O.C. PARALLEL TO JOINTS. PRECAST/PRESTRESSED CONCRETE JOINTS AND SPINDLES ARE SHOWN ON PLANS. JOINT MANUFACTURER TO DESIGN JOINT FOR ADDITIONAL LOAD DUE TO BLOCK WALL. TYPICAL UNLESS OTHERWISE NOTED.
4. 10" CONCRETE SLAB PLATE BOTTOM REINFORCING SHALL COMPLY WITH EACH WAY REINFORCING BAR SHOWN ON PLANS. AS SOLID LINES ARE TOP BARS AND BARS SHOWN AS CHAINED LINES ARE BOTTOM BARS. BOTTOM BARS UNLESS SPECIFICALLY SHOWN OTHERWISE, PLACE REINFORCING PARALLEL TO V-S DIRECTION IN COUNTERSLOPE.
5. 4" CONCRETE SLAB WITH #4 @ 12" O.C. EACH WAY BOTTOM.
6. 4" CONCRETE SLAB WITH #4 @ 12" O.C. EACH WAY BOTTOM.
7. COORDINATE ALL SLAB OPENINGS, SLURS AND DEPRESSIONS WITH ARCHITECTURAL AND OTHER TRADE DRAWINGS.
8. FOR GENERAL STRUCTURAL NOTES, REFER TO SHEET S04-01.
9. FOR COLUMN SCHEDULE, REFER TO SHEET S04-02.
10. FOR BEAM SCHEDULE, REFER TO SHEET S04-03.
11. FOR CONCRETE WALL SCHEDULE, REFER TO SHEET S04-04.
12. FOR UNITS, SCHEDULE, REFER TO SHEET S04-01.
13. 8" CONCRETE SLAB REINFORCED WITH #4 @ 12" O.C. EACH WAY. UNLESS OTHERWISE NOTED, COORDINATE ALL SLAB OPENINGS, SLURS AND DEPRESSIONS WITH ARCHITECTURAL AND OTHER TRADE DRAWINGS. TYPICAL UNLESS OTHERWISE NOTED.



SECTION

3/4" = 1'-0"



SECTION

3/4" = 1'-0"

PERMIT
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SIGNED BY:
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Florida Registered Engineer
No. 0045130

Revisions

11	CITY OF MIAMI BEACH PERMIT COMMENTS	08/26/2016
7	VE CHANGES	07/31/2015
2	QA/QC REVISIONS	11/26/2014
1	REVISED PERMIT COMMENTS	11/26/2014
NO	ISSUE	DATE

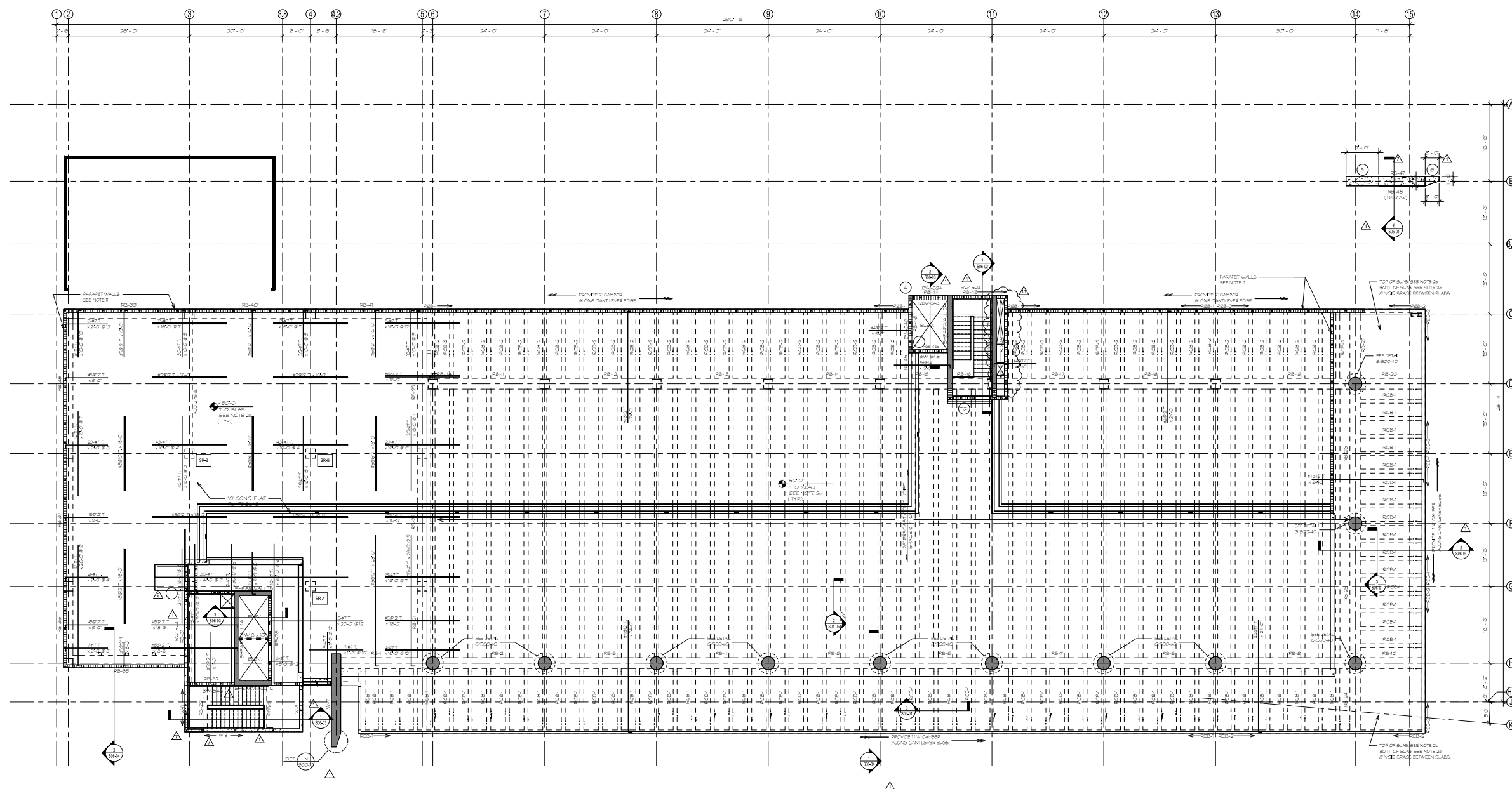
Sheet Information

Date	Issued: September 4, 2014
Job Number	01457-A
Drawn	DD
Checked	J.C.
Approved	A.A.

ROOF LEVEL
FRAMING PLAN

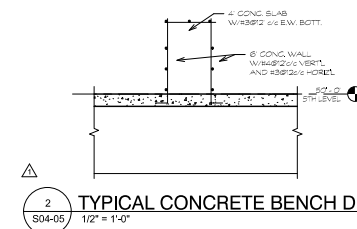
Sheet
S04-05

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N  1 ROOF LEVEL FRAMING PLAN
1/8" = 1'-0"

1. TOP OF SLAB ELEVATION SHOWN AT (5/17) PERIODICAL INSPECTION UNLESS OTHERWISE NOTED. SEE NOTE 1.
2. SLAB NOTES
4. 8 IN. CONCRETE SLAB REINFORCED WITH 8 # 2 @ 12" O.C. PERPENDICULAR TO JOINTS AND 8 # 3 @ 24" O.C. JOINTS. REBAR PRESTRESSED CONCRETE (PCC) SHALL BE 4" MIN. THICK. REBAR SHALL BE 1/2" DIA. MIN. PERMANENTLY PLACED TO BE EXPOSED TO JOINTS FOR ADDITIONAL LOAD DUE TO BLOCK WALL THICKNESS UNLESS OTHERWISE NOTED.
10. CONCRETE FLAT SLAB BOTTOM THAT REINFORCING SHALL BE 4" MIN. THICK. EACH WAY REINFORCING SHALL BE 4" MIN. AS SOLID SLABS ARE TOP BARS AND BARS SHOWN AS DASHED LINES ARE BOTTOM BARS. BARS SHALL BE 1/2" DIA. MIN. PERMANENTLY PLACED REINFORCEMENT PARALLEL TO JOINTS DIRECTION IN BOTH DIRECTIONS.
6. CONCRETE SLAB MIN. SHEET EACH WAY BOTTOM.
3. CONCRETE SLAB MIN. SHEET EACH WAY BOTTOM.
3. COORDINATE ALL SLAB CHANGES, LINES AND DEPRESSIONS WITH ARCHITECTURAL AND OTHER TRADE DRAWINGS.
4. FOR GENERAL STRUCTURAL NOTES, REFER TO SHEET S-001.
5. FOR COLUMN SCHEDULE, REFER TO SHEET S-002.
6. FOR BEAM SCHEDULE, REFER TO SHEET S-003.
7. FOR CONCRETE SLAB SCHEDULE, REFER TO SHEET S-003.
8. FOR JOINTS SCHEDULE, REFER TO SHEET S-001.
9. WALL/RETAINING WALL NOTES
1. RETAINING WALL REINFORCED WITH 8 # 2 @ 12" O.C. IN SLAB. SEE PLANING POLARIZATION LINE AND POLAR COORDINATE LINE AND LOCATION WITH ARCHITECTURAL AND TRADE DRAWINGS UNLESS OTHERWISE NOTED.
10. WALL/RETAINING WALL NOTES
1. RETAINING WALL REINFORCED WITH 8 # 2 @ 12" O.C. IN SLAB. SEE PLANING POLARIZATION LINE AND POLAR COORDINATE LINE AND LOCATION WITH ARCHITECTURAL AND TRADE DRAWINGS UNLESS OTHERWISE NOTED.
11. RETAINING WALL REINFORCED WITH 8 # 2 @ 12" O.C. IN SLAB. SEE PLANING POLARIZATION LINE AND POLAR COORDINATE LINE AND LOCATION WITH ARCHITECTURAL AND TRADE DRAWINGS UNLESS OTHERWISE NOTED.
12. DETECTS SHEAR STIFF REINFORCING IN CONCRETE SLAB FOR PUNCHING SHEAR SEE DETAIL A ON SHEET S-003.



2 TYPICAL CONCRETE BENCH DETAIL
S04-05 1/2" = 1'-0"

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SIGNED BY:
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No. 0045130

Revisions

11	CITY OF MIAMI BEACH	09/26/2019
7	PERMIT COMMENTS	
7	REV CHANGES	07/31/2019
7	REVISED PERMIT	11/06/2019
NO	COMMENTS	
NO	DATE	

Sheet Information

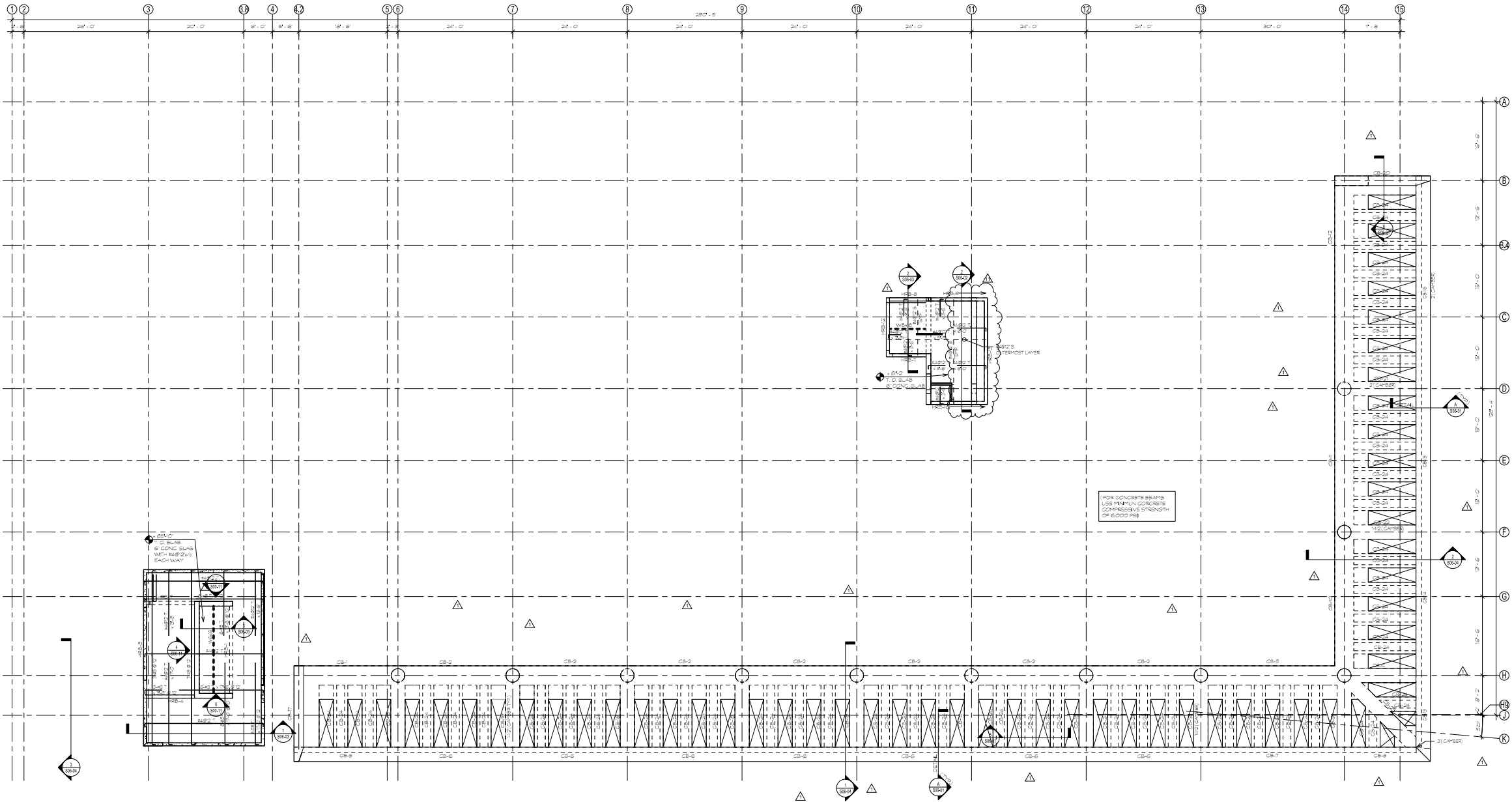
Date	Issued: September 4, 2014
Job Number	01457-A
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Checked	JJC
Approved	AJA

Title

HIGH ROOF
FRAMING PLAN

Sheet

S04-06



1 HIGH ROOF FRAMING PLAN
1/8" = 1'-0"

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Revisions

11	CITY OF MIAMI BEACH PERMIT COMMENTS	08/26/2016
7	VE CHANGES	07/31/2015
1	REVISED PERMIT COMMENTS	11/26/2014
NO	ISSUE	DATE

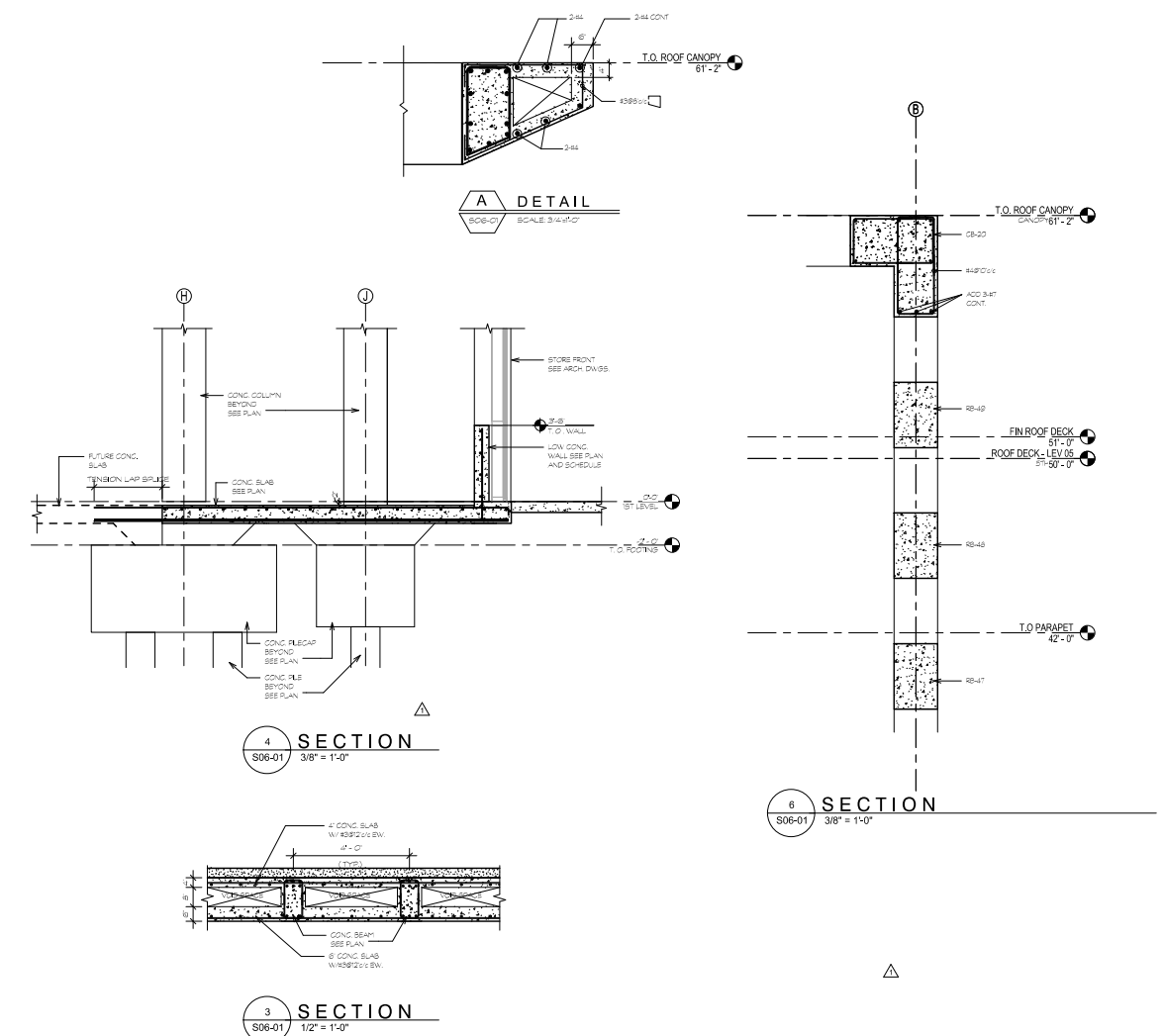
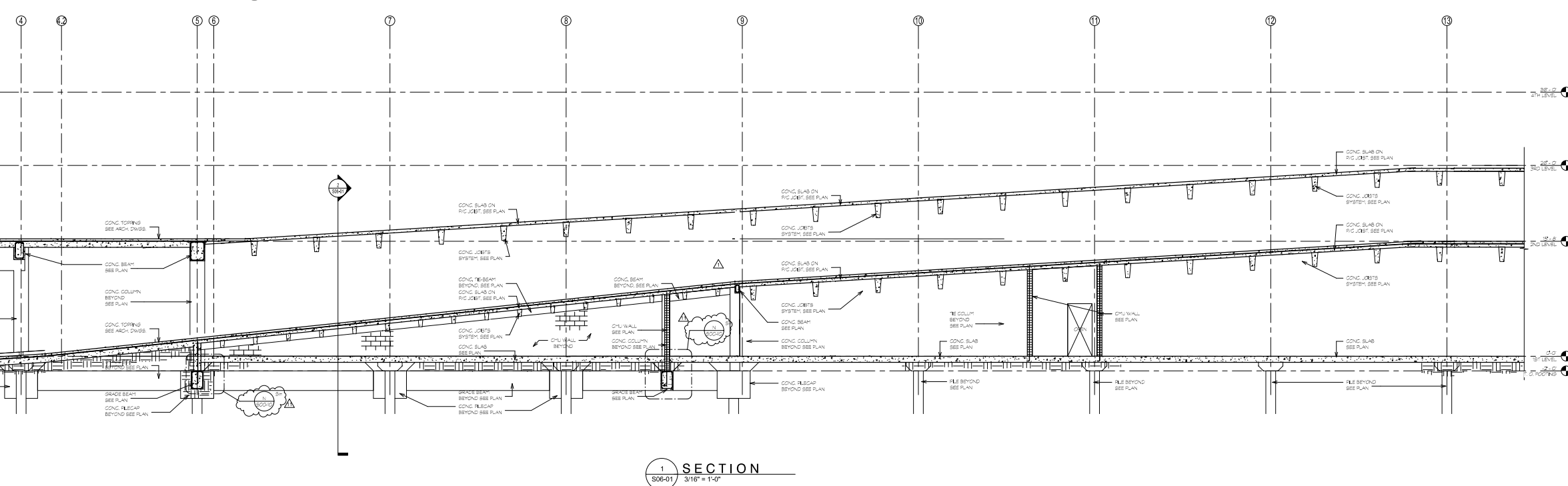
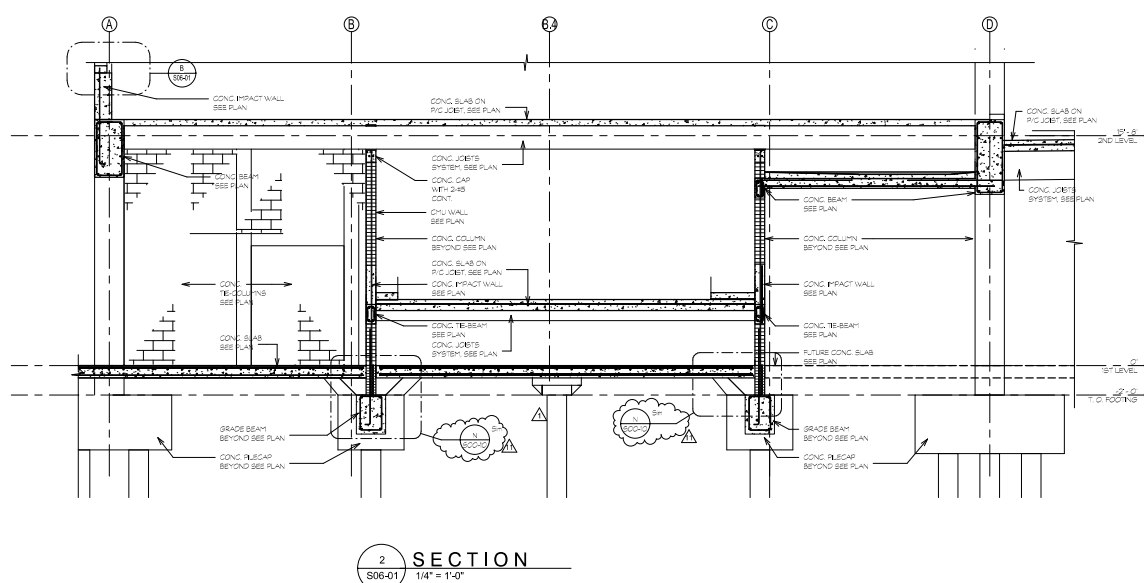
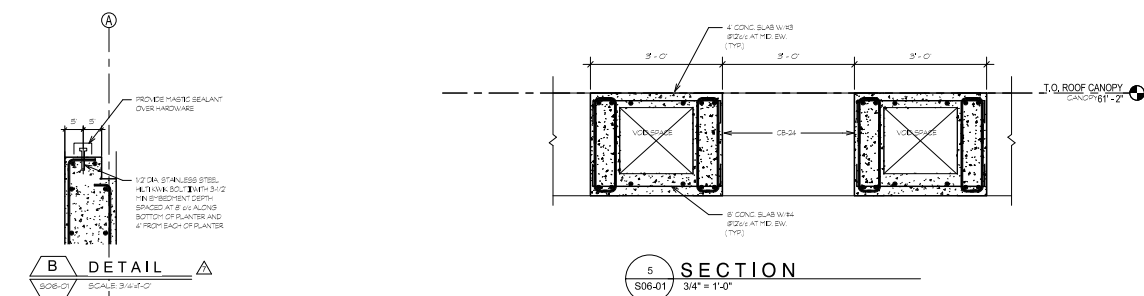
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Approved	Approver

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SECTIONS

Sheet
S06-01



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Revised:
October 17, 2014

Revisions

7	VE CHANGES	07/31/2015
NO.	ISSUE	DATE

Sheet Information

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Job Number	01457-A
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Approved	Approver

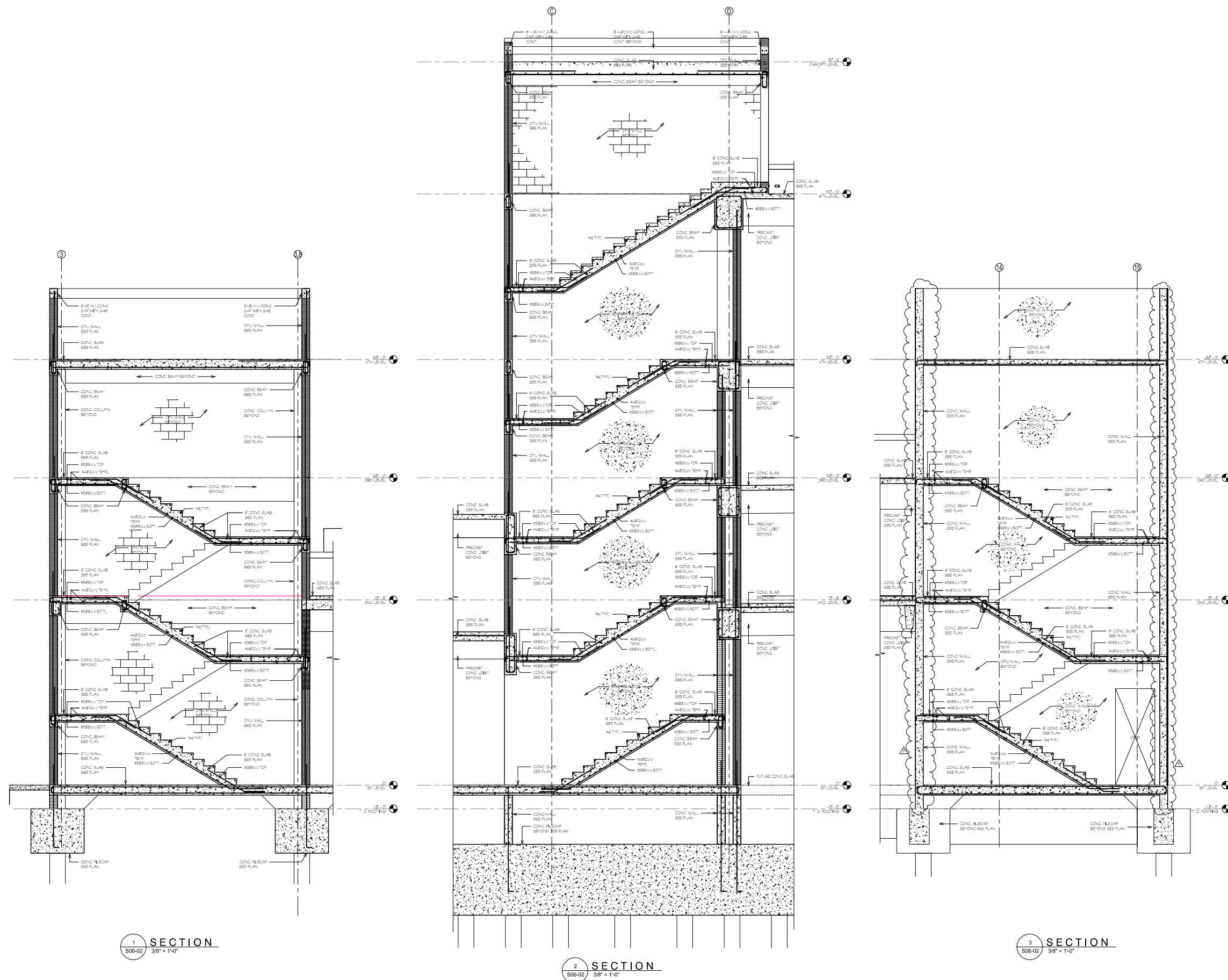
Title

SECTIONS

Sheet

S06-02

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Revised:
October 17, 2014

Revisions

7	VE CHANGES	07/31/2015
2	QA/QC REVISIONS	11/26/14
1	REVISED PERMITS COMMENTS	11/26/14
NO	ISSUE	DATE

Sheet Information

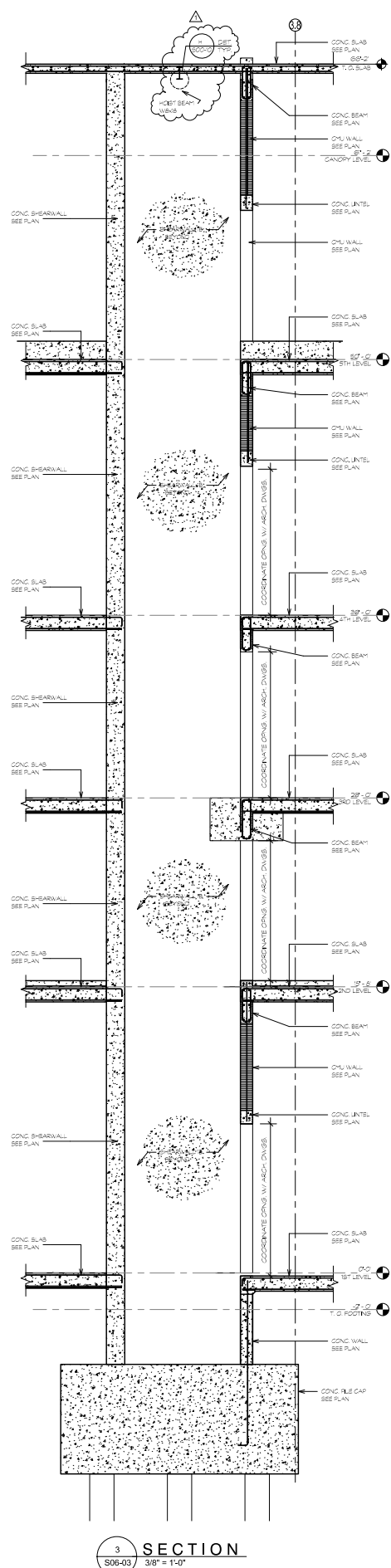
Date	October 17, 2014
Job Number	01457-A
Drawn	Author
Checked	Checker
Approved	Approver

Title

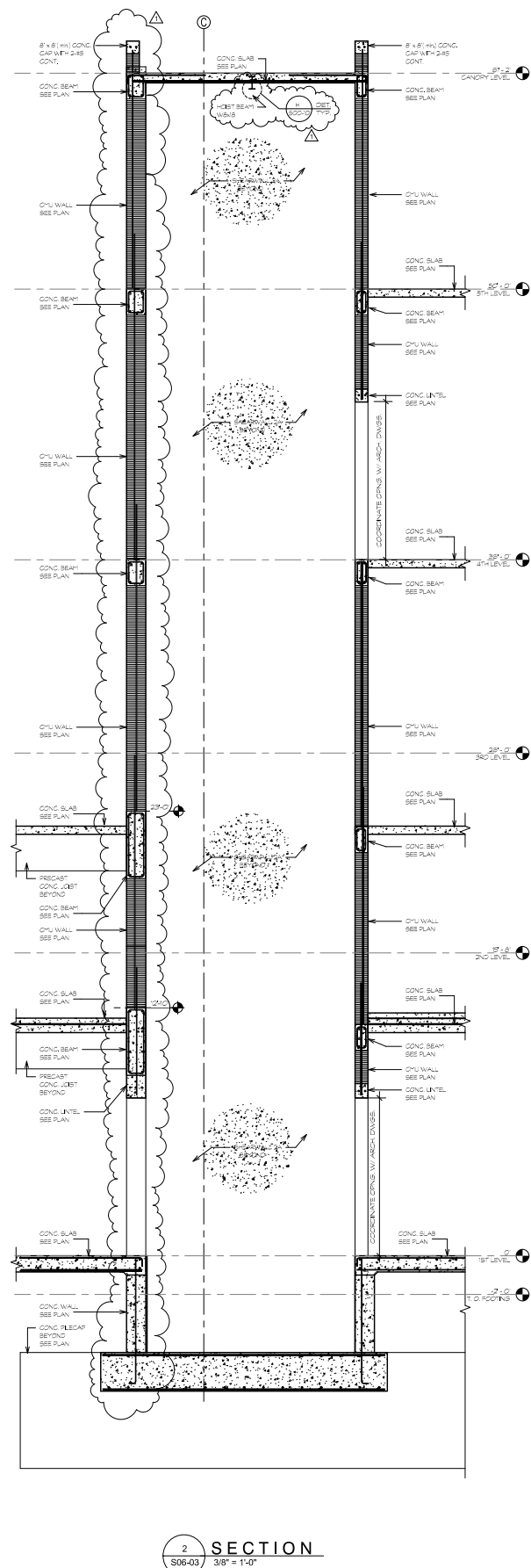
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S06-03

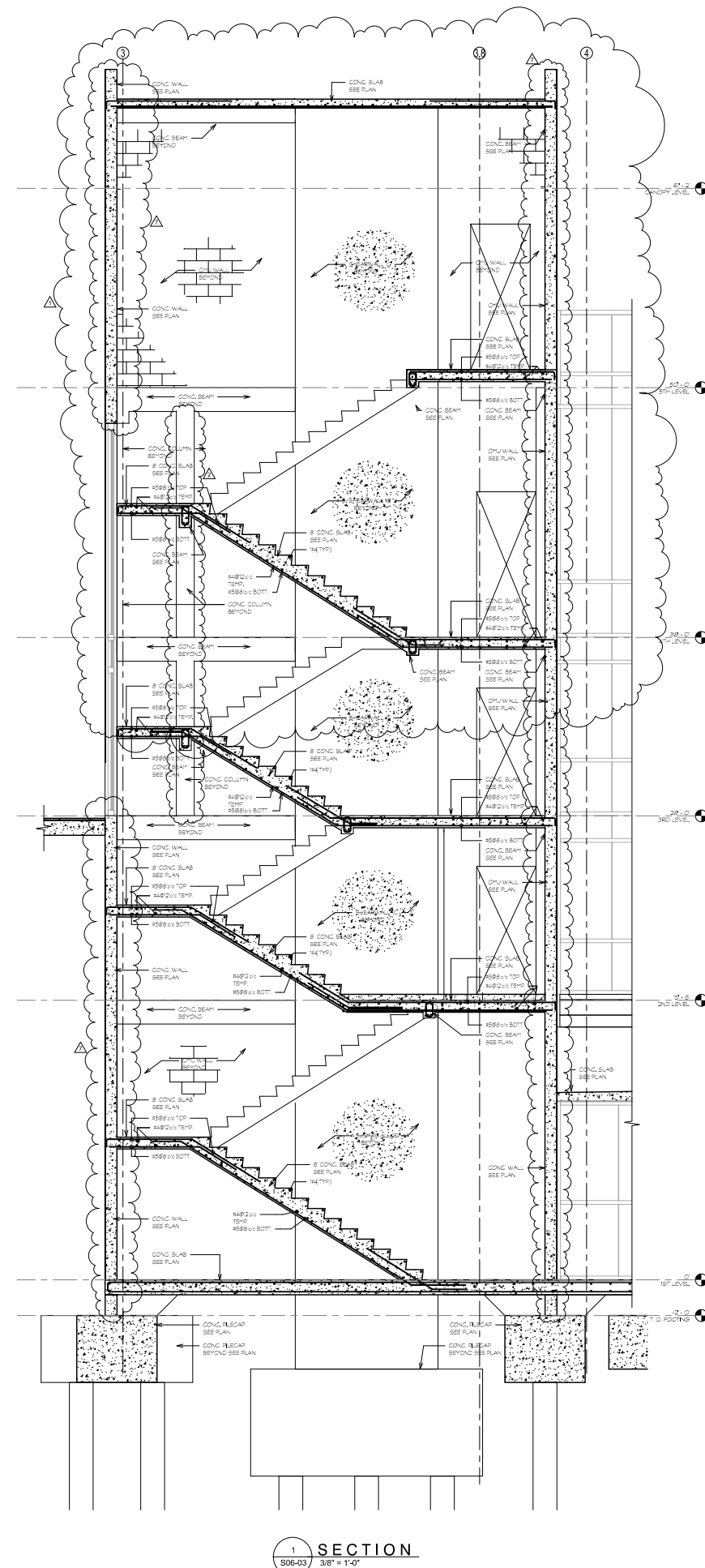
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3 SECTION
S06-03 3/8" = 1'-0"



2 SECTION
S06-03 3/8" = 1'-0"



SECTION

PRICING
SET

Revised:
October 17, 2014

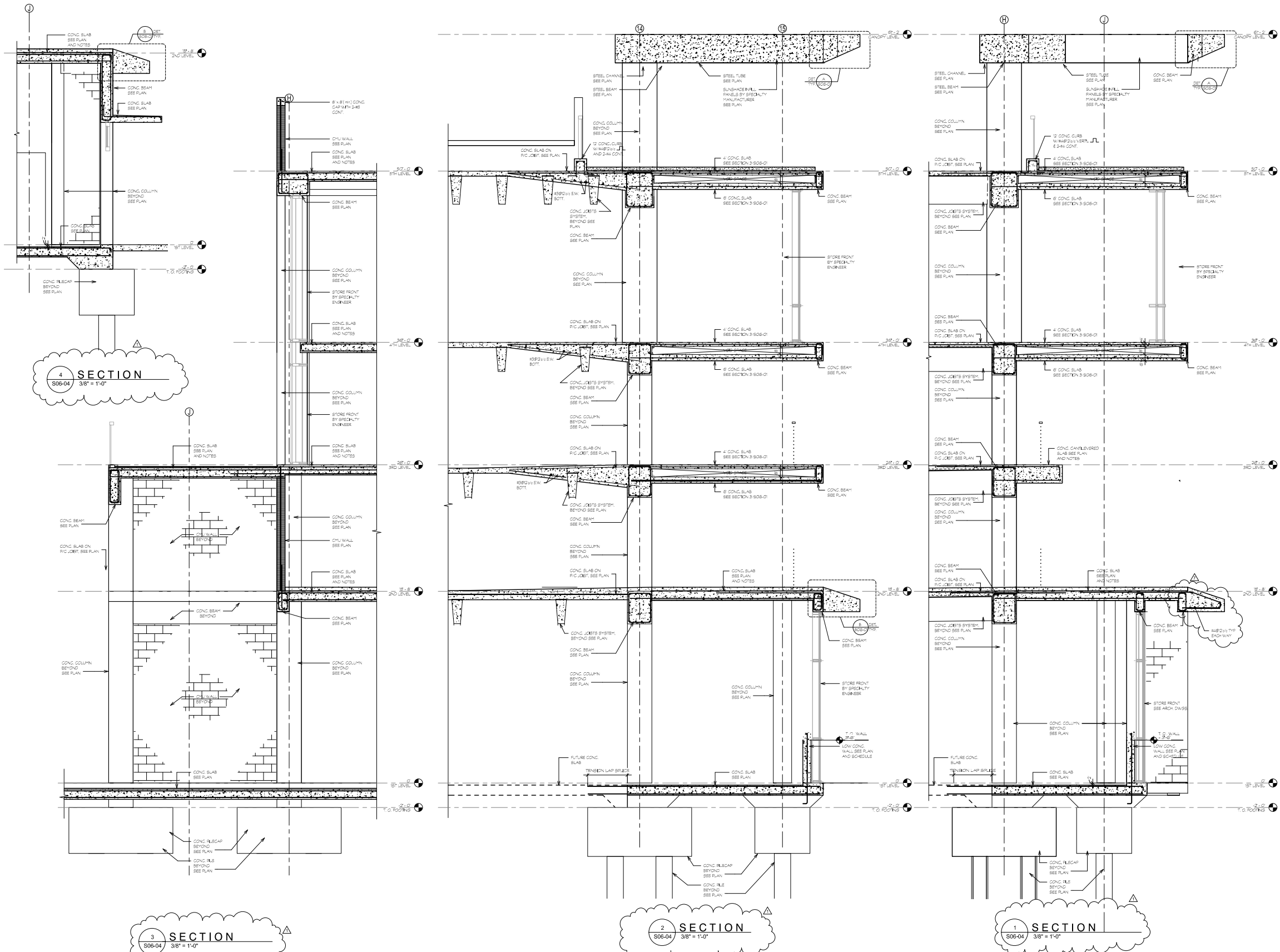
Revisions

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1	REVISED PERMIT COMMENTS	11/20/14
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Date	October 17, 2014	
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Approved	Approver	
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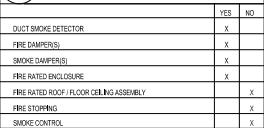
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S06-04



NEW SHEET



PERMIT
SET

Revisions

11	CITY OF MIAMI BEACH PERMIT COMMENTS	08/26/2014
10	CONCRETE & GENERAL REVISIONS	11/12/2013
9	REVISIONS	08/14/2013
8	REVISIONS	08/14/2013
7	REVISIONS	11/09/14
6	REVISIONS	11/09/14
5	REVISIONS	11/09/14
4	REVISIONS	11/09/14
3	REVISIONS	11/09/14
2	REVISIONS	11/09/14
1	REVISIONS	11/09/14
0	REVISIONS	11/09/14

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Title		

MECHANICAL
LEVEL 1 PLAN

Sheet

M-101

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1 MECHANICAL LEVEL 1 PLAN
1/8" = 1'-0"



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Revisions

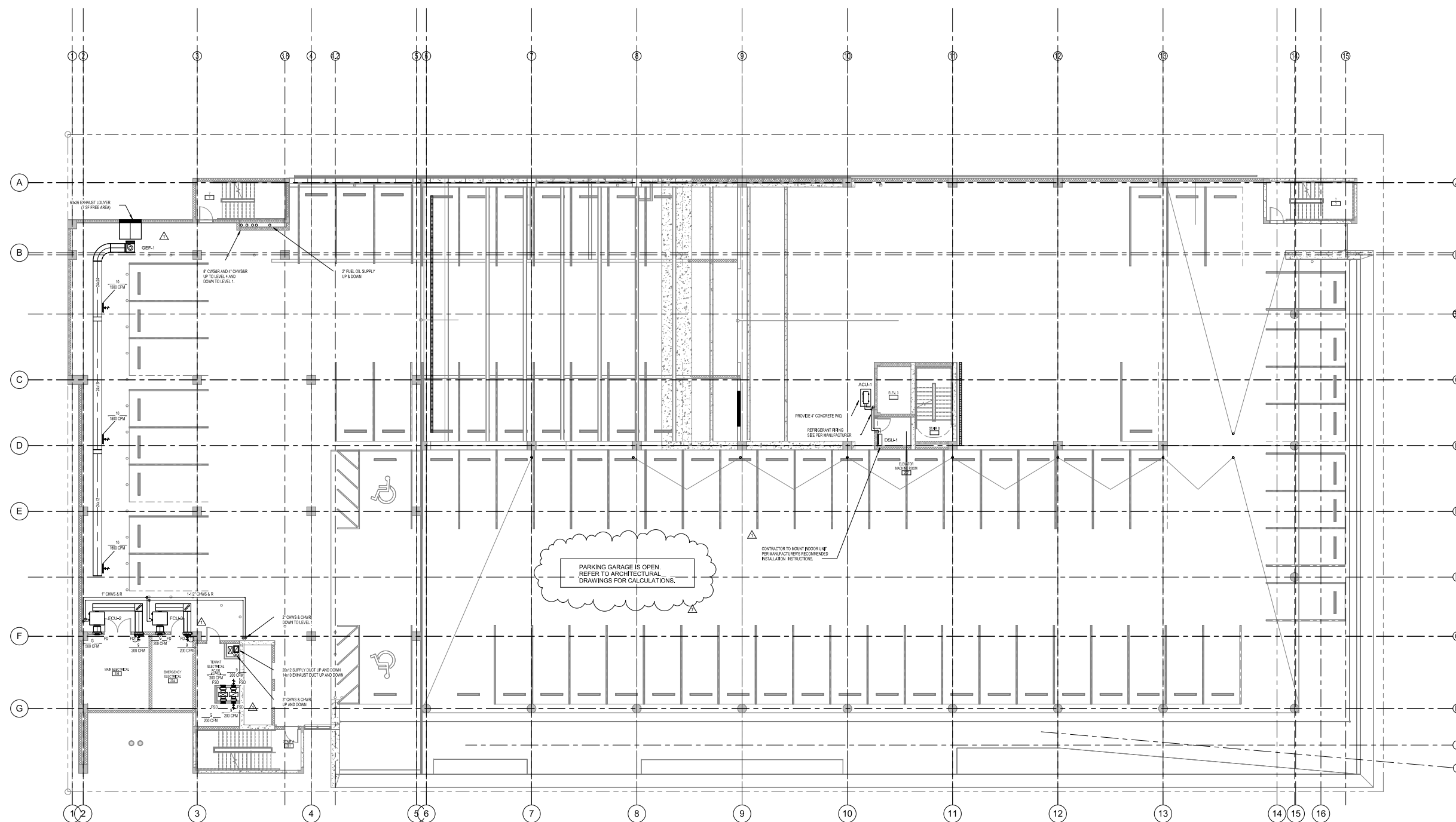
7	VE CHANGES	08/14/15
1	REVISED PERMIT COMMENTS	11/28/14
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Approved	Approver

MECHANICAL
LEVEL 2 PLANSheet
M-102

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1 MECHANICAL LEVEL 2 PLAN
1/8" = 1'-0"



PERMIT
SET

Revisions

11	CITY OF MIAMI BEACH	08/05/20
10	PERMIT COMMENTS	11/12/15
9	CONTRACT GENERAL	11/12/15
8	REVISIONS	11/12/15
7	REV CHANGES	08/14/15
6	REVISED PERMIT	11/09/14
5	COMMENTS	
4	ISSUE	DATE

Sheet Information

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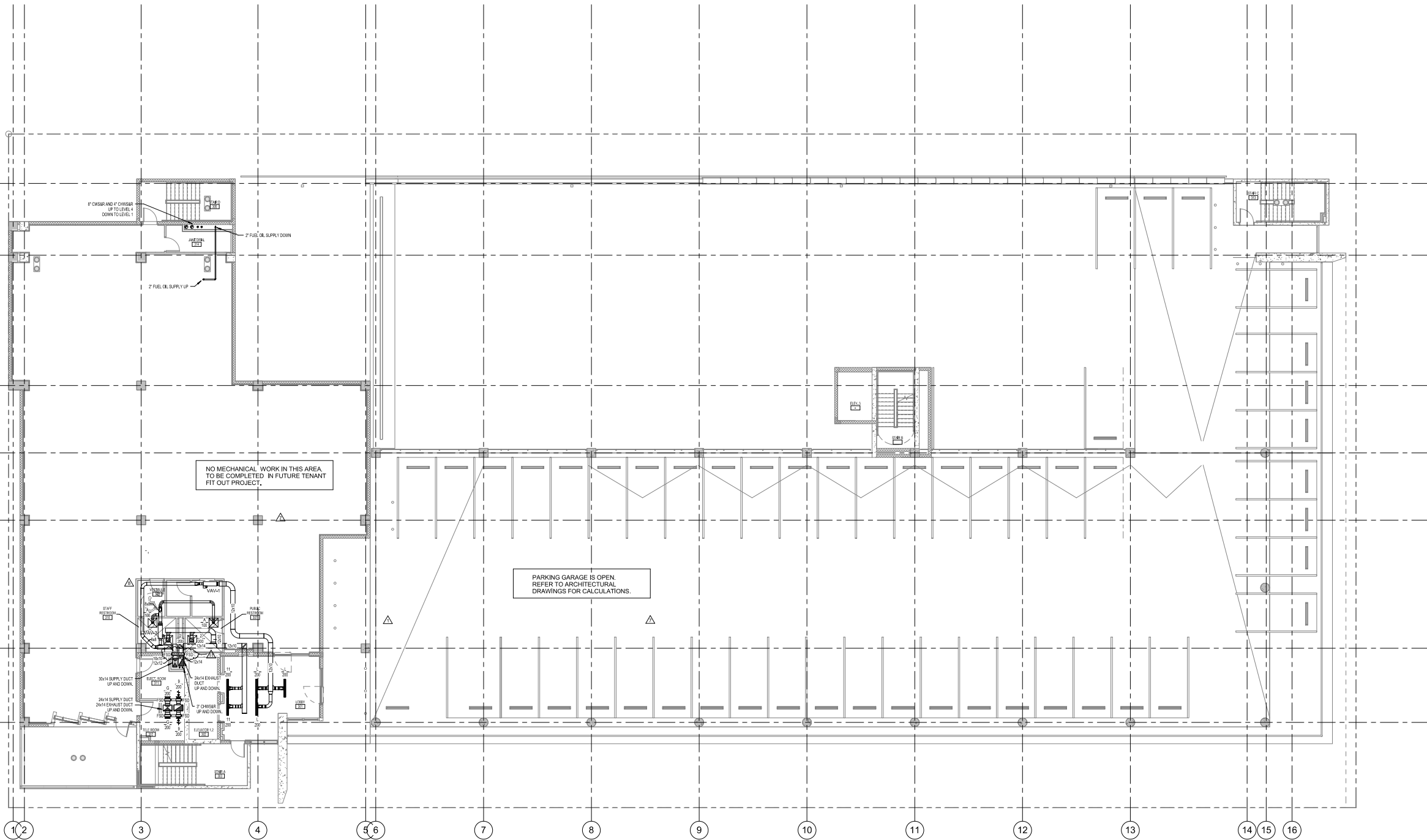
Title

MECHANICAL
LEVEL 3 PLAN

Sheet

M-103

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1 MECHANICAL LEVEL 3 PLAN
1/8" = 1'-0"



PERMIT
SET

Revisions

16	CS AND TAYLOR COORDINATION	3/3/17
11	CITY OF MIAMI BEACH PERMIT COMMENTS	08/09/20
8	CONCRETE & GENERAL REVISIONS	11/12/20
7	REVISIONS	08/14/20
5	REVISIONS	08/14/20
3	REVISIONS	07/08/15
1	REVISIONS	11/09/14
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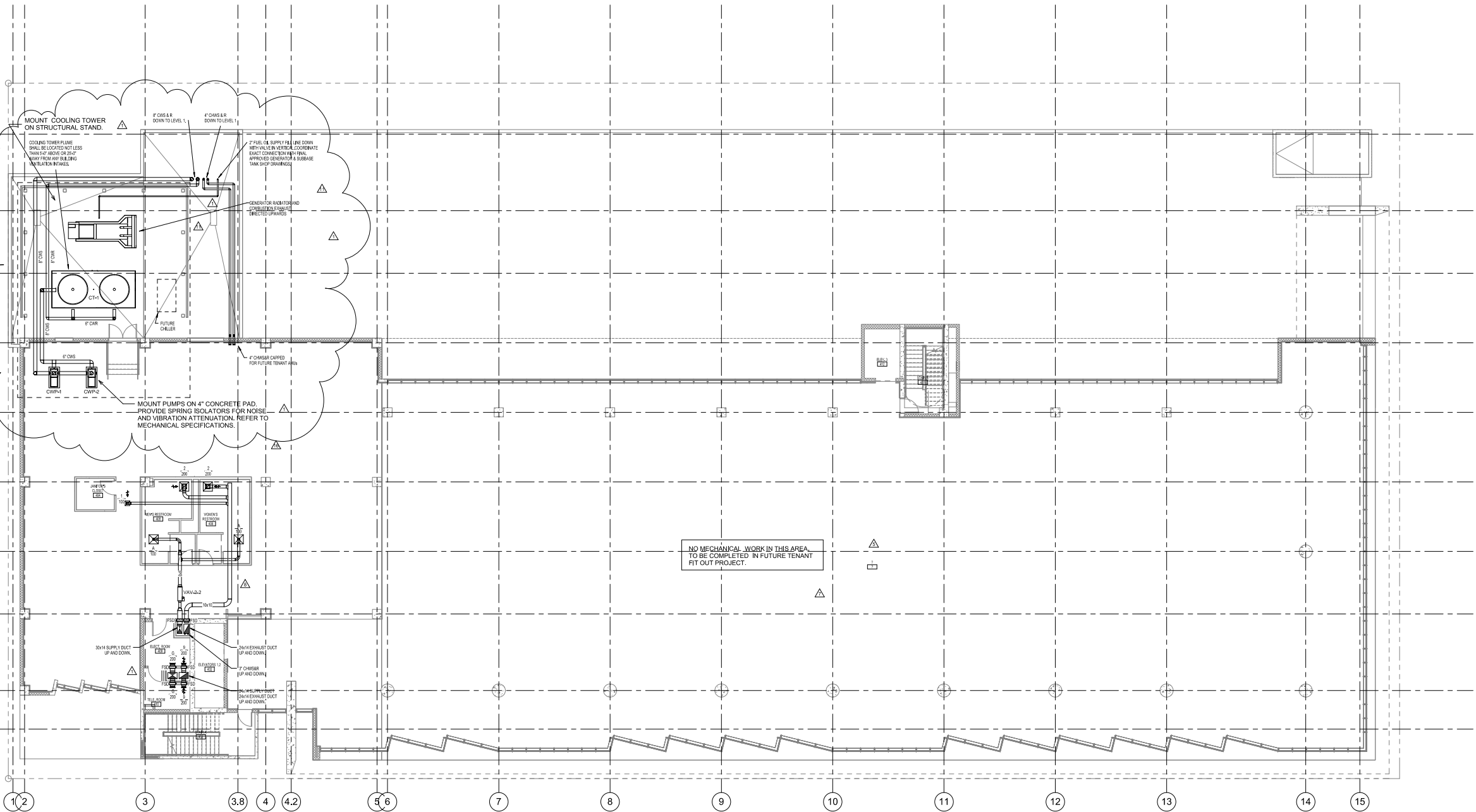
Title

MECHANICAL
LEVEL 4 PLAN

Sheet

M-104

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1 MECHANICAL LEVEL 4 PLAN
1/8" = 1'-0"

MOUNT ALL ROOF TOP EQUIPMENT PER
FBC HIGH VELOCITY WIND REQUIREMENTS.
REFER TO ARCHITECTURAL AND STRUCTURAL
DRAWINGS FOR ADDITIONAL INFORMATION
AND DETAILS.

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Revisions

7	VE CHANGES	08/14/15
2	QA/QC REVISIONS	11/26/14
NO	ISSUE	DATE

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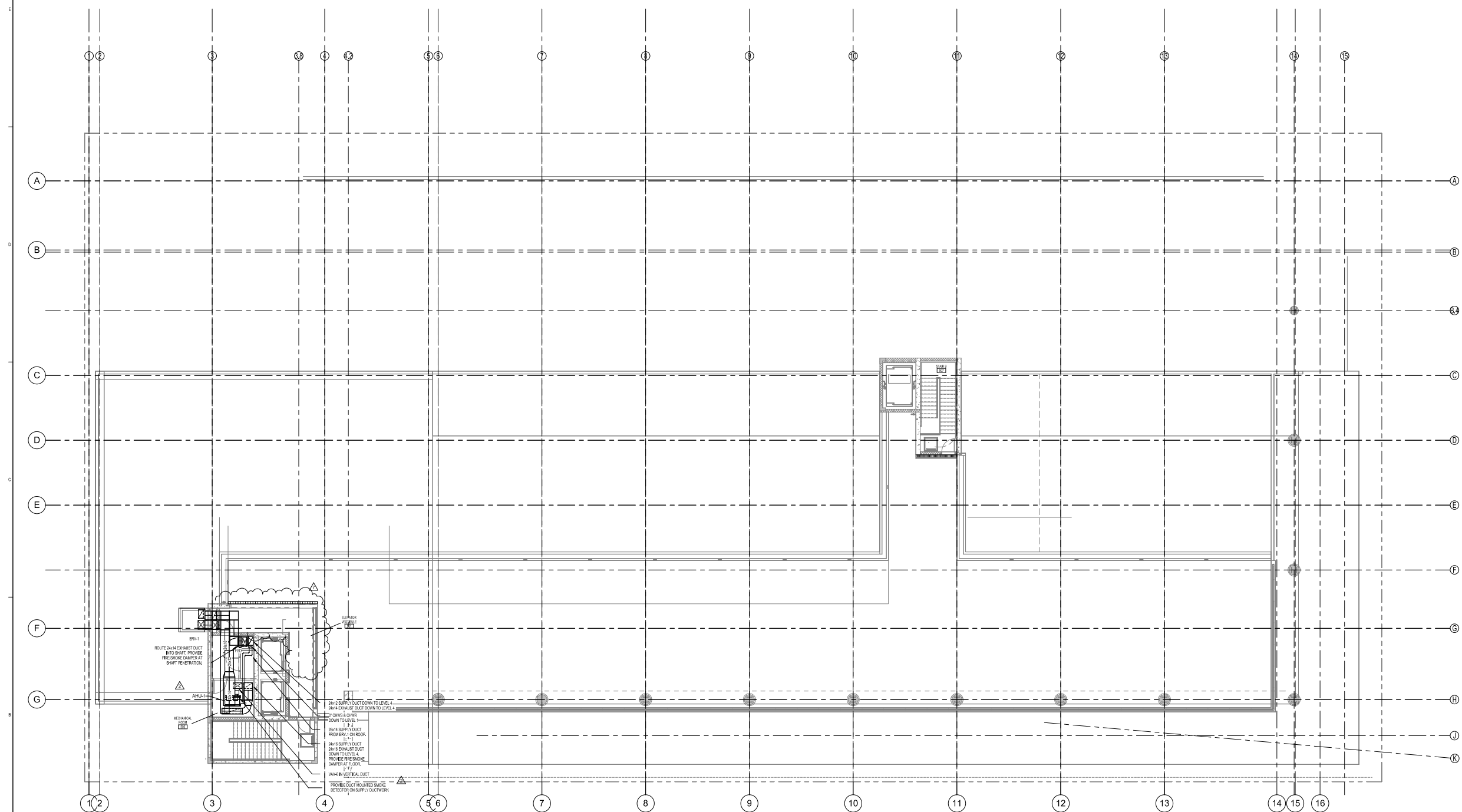
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Job Number	810408,000
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**MECHANICAL
LEVEL 5 PLAN**

Sheet

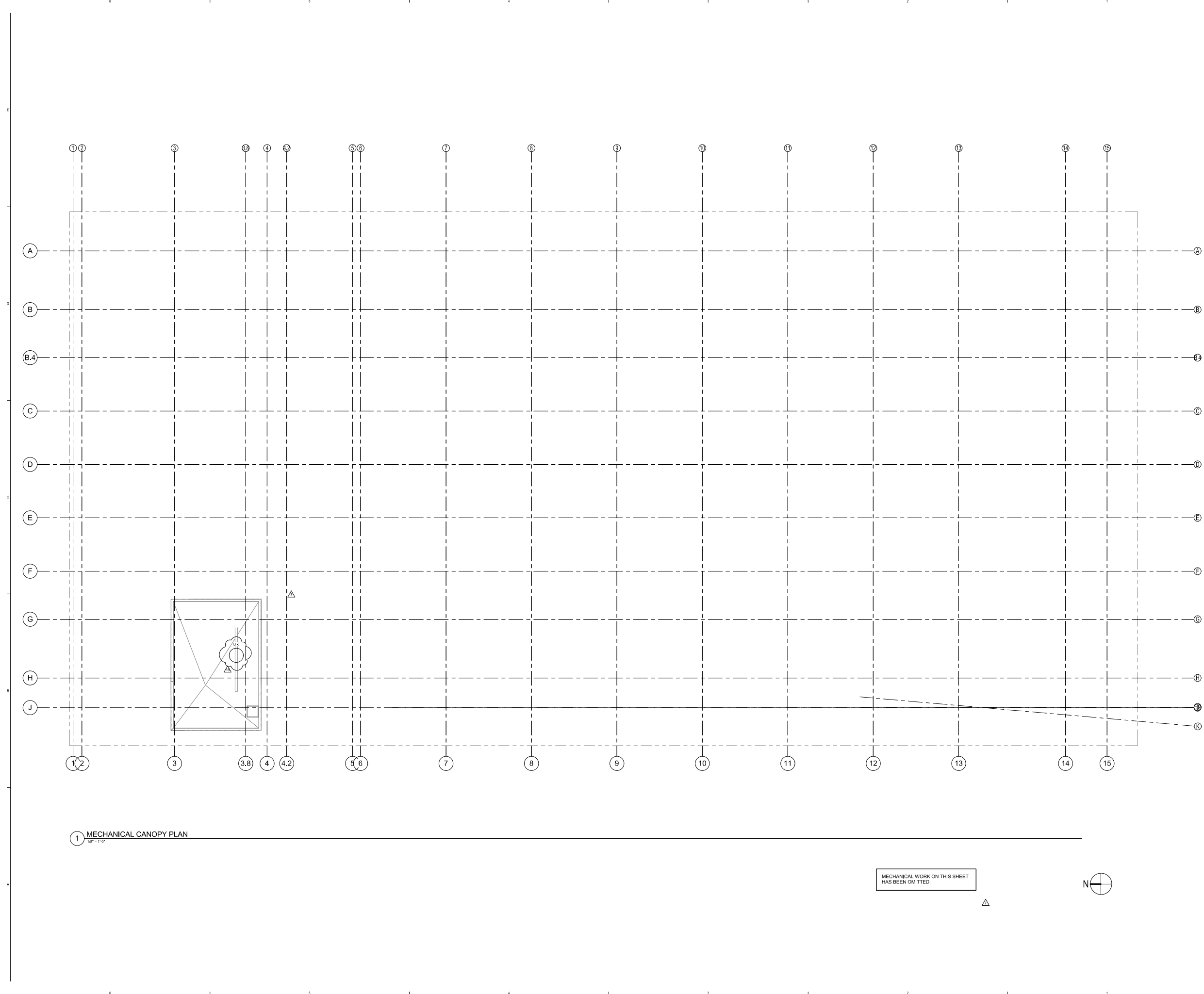
M-105

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1 MECHANICAL LEVEL 5 PLAN
1/8" = 1'-0"





1 MECHANICAL CANOPY PLAN
1/8" = 1'-0"

MECHANICAL WORK ON THIS SHEET
HAS BEEN OMITTED.



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PERMIT
SET

Revisions

16	CS AND TJ FIELD	03/03/17
7	COORDINATION	06/14/20
7	VE CHANGES	15
NO	ISSUE	DATE

Sheet Information

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Job Number 810409.000
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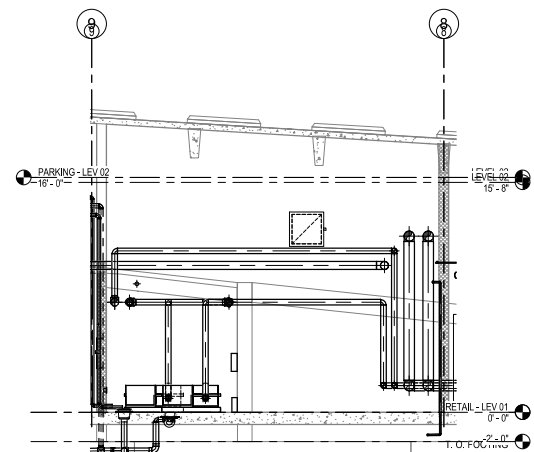
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MECHANICAL
CANOPY PLAN

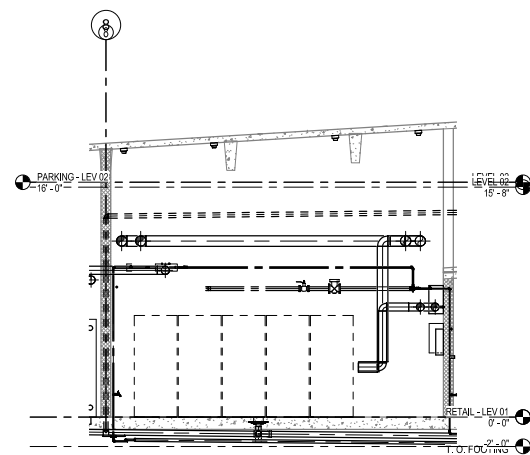
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M-106

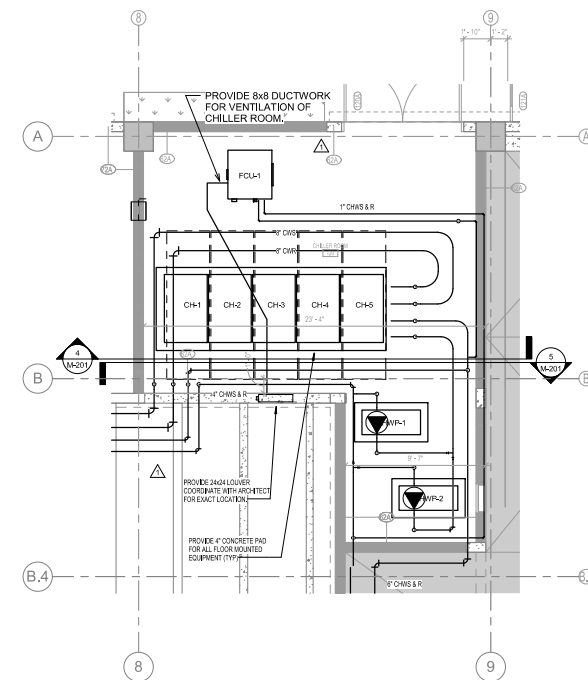
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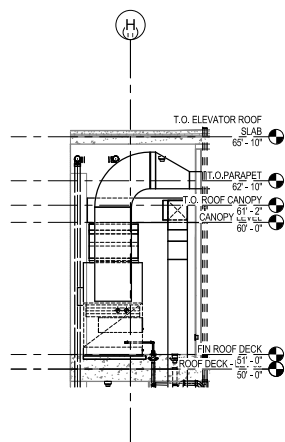
5 SECTION - CHILLER ROOM WEST - LEVEL 1
1/4" = 1'-0"



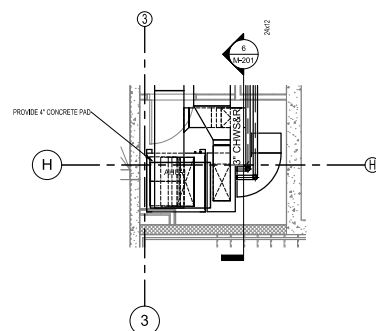
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1/4" = 1'-0"



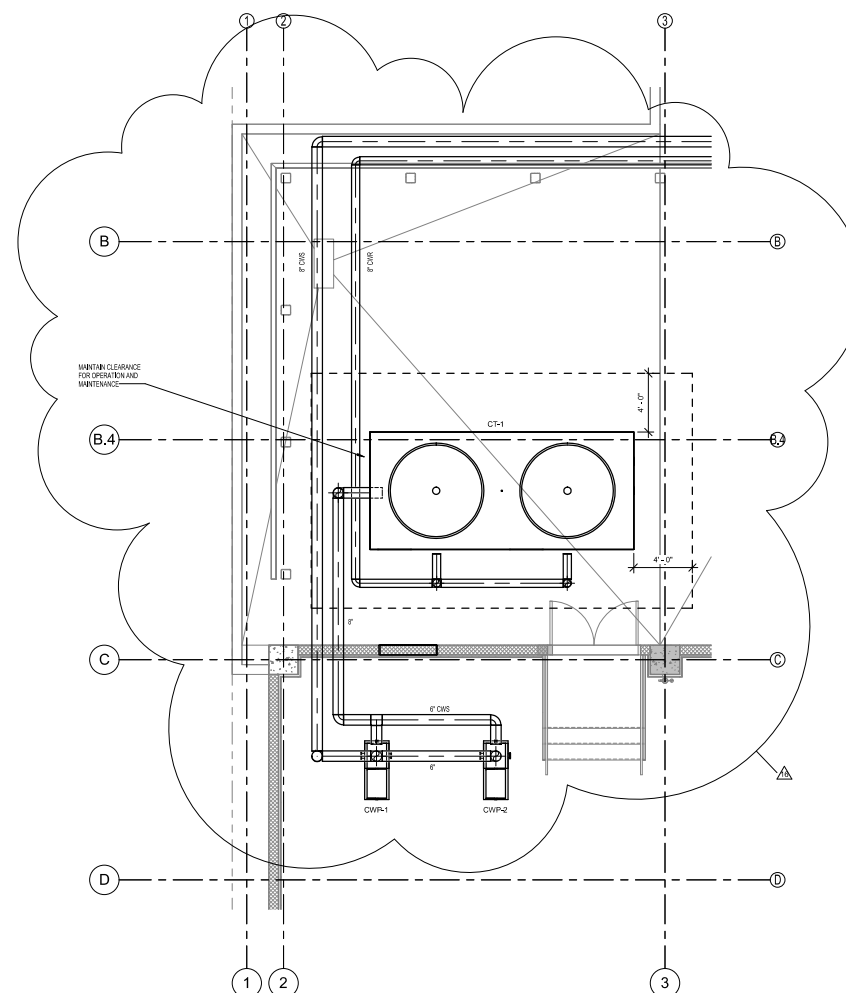
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1/4" = 1'-0"



6 SECTION - MECHANICAL ROOM NORTH - LEVEL 5
1/4" = 1'-0"



3 ENLARGED MECHANICAL ROOM PLAN - LEVEL 5
1/4" = 1'-0"



2 ENLARGED COOLING TOWER PLAN - LEVEL 4
1/4" = 1'-0"

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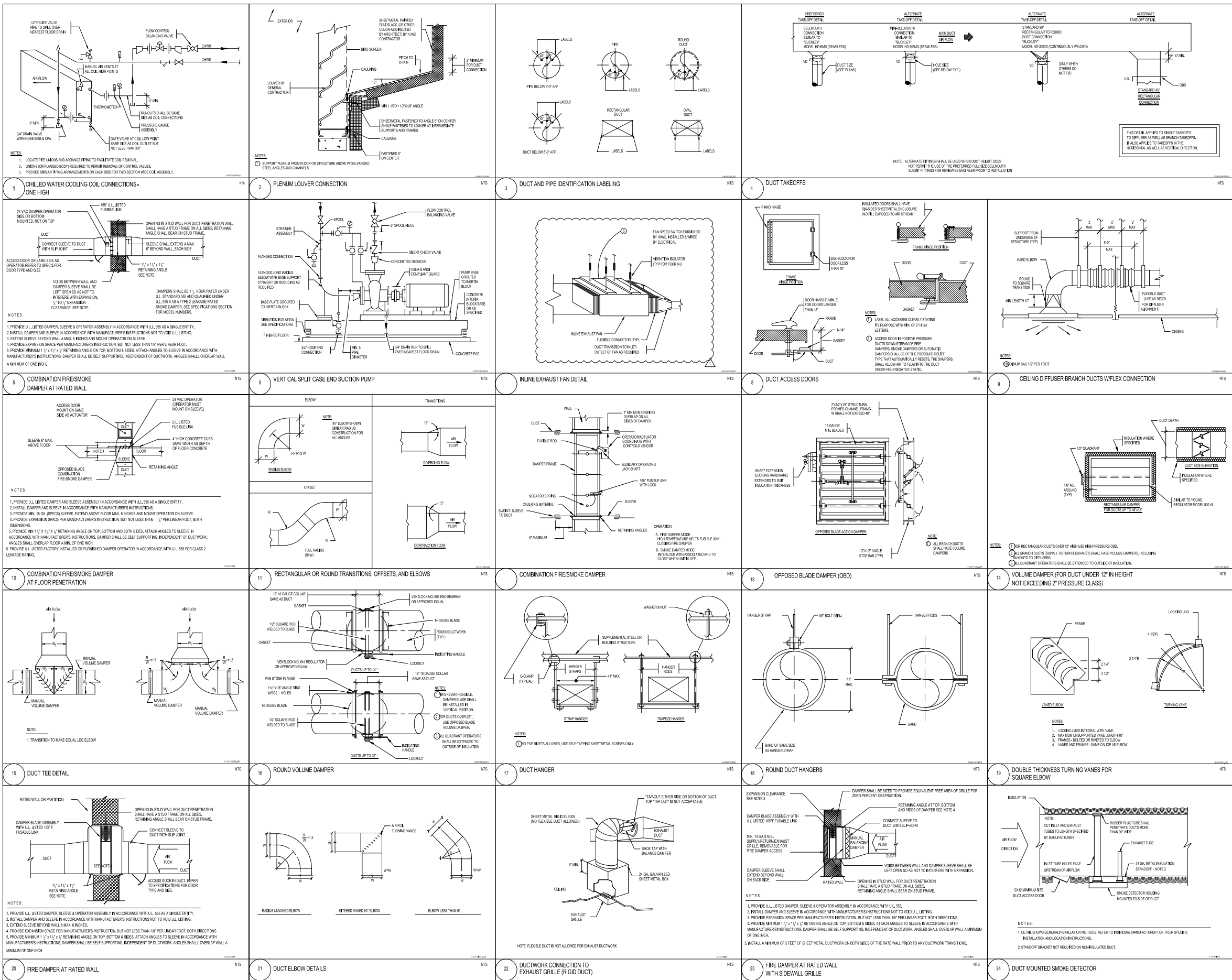
16	CS AND TJ FIELD COORDINATION	03/03/17
1	REVISED PERMIT COMMENTS	11/28/14
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Checked	Checker
Approved	Approver

MECHANICAL
ENLARGED PLANSSheet
M-201

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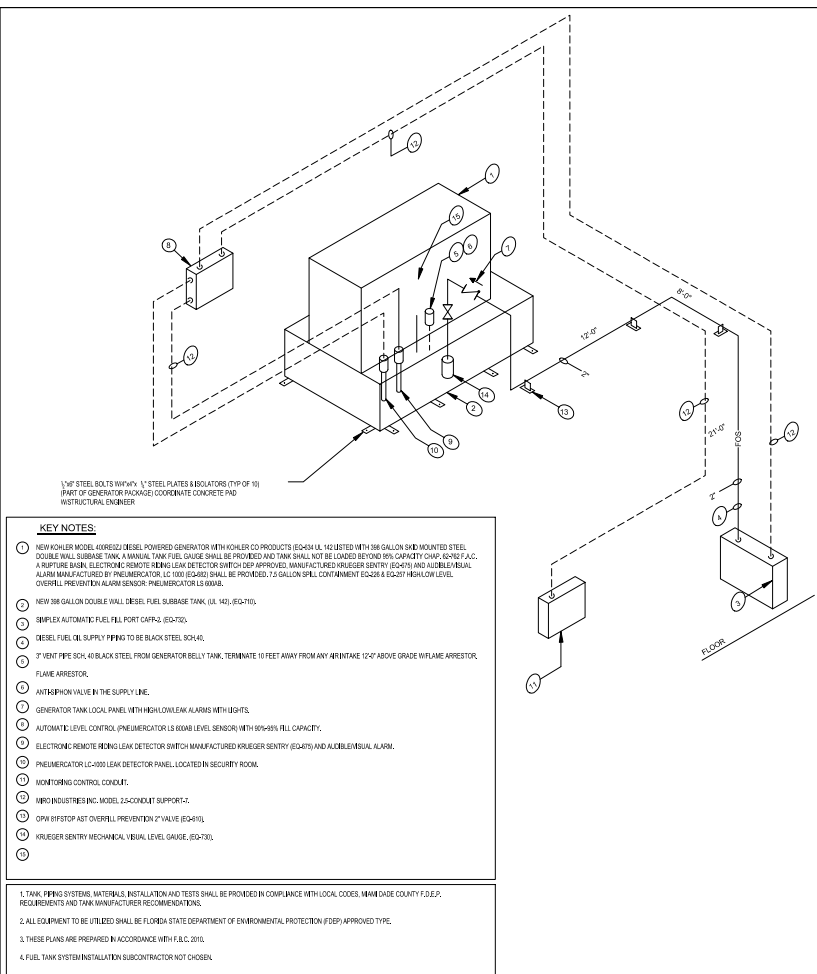
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MECHANICAL
DETAILS

Sheet
M-301

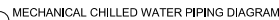
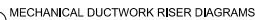
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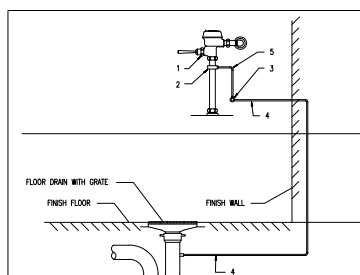
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Approved	Approver
Title	

Sheet
M-401

FIXTURE CONNECTION SCHEDULE						
TYPE	SOIL / WASTE	VENT	CW	HW	REMARKS	
3" FLOOR DRAIN	3"	1½"	—	—	PROVIDE ½" CW FROM TRAP PRIMER	
4" FLOOR DRAIN	4"	2"	—	—	PROVIDE ½" CW FROM TRAP PRIMER	
6" FLOOR DRAIN	6"	3"	—	—	PROVIDE ½" CW FROM TRAP PRIMER	
4" ANTI-SPLASH STANDPIPE	4"	2"	—	—	PROVIDE ½" CW FROM TRAP PRIMER	
DRINKING FOUNTAIN	1½"	1½"	½"	—		
3/4" HOSE BIBB	—	—	¾"	—		
KITCHEN SINK	2"	1½"	½"	½"	1.5 GPM AT 60 PSI MAXIMUM	
LAVATORY (PRIVATE)	1½"	1½"	½"	½"	1.5 GPM AT 60 PSI MAXIMUM	
LAVATORY (PUBLIC)	1½"	1½"	½"	½"	0.5 GPM AT 60 PSI MAXIMUM (0.25 GALLON METERING CYCLE)	
MOP SINK	3"	2"	¾"	¾"		
WALL HYDRANT	—	—	¾"	—		
PANTRY SINK	2"	1½"	½"	½"	2.2 GPM AT 60 PSI MAXIMUM	
URINAL (3/4" FLUSHOMETER VALVE)	3"	2"	¾"	—	0.5 GALLONS PER FLUSHING CYCLE MAXIMUM	
WATER CLOSET (FLUSHOMETER VALVE)	4"	2"	1½"	—	1.28 GALLONS PER FLUSHING CYCLE MAXIMUM (OR EQUIVALENT DUAL FLUSH)	

NOTE: PLUMBING FIXTURE CONNECTION SCHEDULE IS SHOWN FOR CONVENIENCE ONLY. PLUMBING CONTRACTOR TO CONFIRM FINAL PLUMBING FIXTURE CONNECTION SIZES WITH PLUMBING FIXTURE MANUFACTURER'S REQUIREMENTS. ALL FIXTURES SHALL COMPLY WITH WASH-WASTE WATER-USE EFFICIENCY REQUIREMENTS.



****Note:** System pressure is the sum of the minimum suction pressure (40 psi) + pressure boost (40 psi) = 80 PSI

-
- RING GENERAL NOTES

1. THE WORK THAT IS TO BE DONE UNDER THIS CONTRACT INCLUDES THE

-
- Diagram illustrating the components and installation of a reduced pressure back-flow preventer with air gap:
- REDUCED PRESSURE BACK-FLOW PREVENTER WITH AIR GAP:** The main device being installed.
 - BALL VALVE (TYPICAL):** A valve used for isolation.
 - 0 TO 100 PSI 5/8" DIAMETER PRESSURE GAUGE WITH GAUGE COCK (TYP):** A gauge to monitor system pressure.
 - SPRING LOADED, RUBBER SEATED CHECK VALVE INSTALLED PER MANUFACTURER'S WRITTEN INSTRUCTIONS:** A check valve to prevent backflow.
 - ALLOW SPACE FOR STRAINER REMOVAL:** A designated area for accessing the strainer.
 - PIPE AIR GAP FUNNEL DRAIN DISCHARGE TO NEAREST FLOOR DRAIN UNLESS NOTED OTHERWISE ON PLANS:** A drain pipe that extends above the flood level and discharges to the floor drain.
 - PREVENT AIR GAP FITTING AND DRAIN PIPING A MINIMUM OF ONE SIZE LARGER THAN OR PIPE SIZE SERVING BACKFLOW PREVENTER UNLESS NOTED OTHERWISE:** A requirement for the drain piping size.
 - STRAINER W/ BLOW-OFF/ MOUNT LEAD FREE # 177775 (TYPICAL):** A strainer with a blow-off feature to catch debris.
 - IN:** The inlet connection to the system.
 - OUT:** The outlet connection to the system.
 - TO SYSTEM:** The direction of flow to the system.

NOTES:

1. SEE FLOOR PLAN FOR SIZE OF R.P.B.P. AND PIPE.
2. PROVIDE BALL SUPPORTS FOR R.P.B.P. IF LOCATED BELOW CEILING.
3. PROVIDE AN ADDITIONAL BALL VALVE ON INLET AND OUTLET OF BACKFLOW PREVENTER AS PER DETAIL.
4. INSTALL PER MANUFACTURER'S WRITTEN INSTRUCTIONS AND PER LOCAL REGULATIONS WITH CLEARANCE TO ALL OTHERS' OBSTRUCTIONS.
5. CONTRACTOR SHALL CERTIFY AND TAG ALL BACKFLOW PREVENTERS PER FBC AND LOCAL AMENDMENTS AND SHALL PROVIDE A COPY OF THE CERTIFICATION REPORT TO ARCHITECT.
6. PROVIDE THREADED BALL VALVE WITH GHS CONNECTION SIZED FOR STRAINER BLOW OFF OR OWNER FOR SERVICING OF THE R.P.B.P.
7. ALL THREADED CONNECTIONS SHALL BE PROVIDED WITH TEFLON TAPE. PIPE DOPE IS NOT PERMITTED OR ACCEPTABLE.

TRAP PRIMER FROM FIXTURE	NTS
--------------------------	-----

PLUMBING AS-BUILTS NOTE

PLUMBING CONTRACTOR IS REQUIRED TO SUBMIT PLUMBING AS BUILT PLANS UPON COMPLETION OF THE PROJECT. COMPLETION IS DEFINED AS THE OWNER RECEIVING A "COT" AND PLUMBING INSPECTION HAS FINALIZED AND APPROVED THE INSTALLATION.

AS BUILTS SHALL BE SUBMITTED IN ELECTRONIC FASHION IN THEIR AUTOCAD FORMAT OR SCANNED FILES IN PDF FORMAT.

AS BUILTS SHALL BE LEGIBLE AND NEAT. AS BUILTS WILL BE RETAINED BY ARCHITECT AND ENGINEER FOR RECORDS OF CHANGES TO THE SYSTEM. AS BUILTS WILL BE SUBMITTED TO RECORD THROUGH ARCHITECT AND ENGINEER.

WATER HAMMER ARRESTOR SCHEDULE

FIXTURE UNITS	1-11	12-32	33-60	31-113	114-154	155-330
P&I UNITS	A	B	C	D	E	F
P&I SIZE	50"	14"	1"	1/4"	1/8"	2"

NOTE: SEE DISCS ON 30' LENGTH WATER PRESSURE UP TO 35 PSIG. WHEN WATER PRESSURE IN LINE EXCEEDS 35 PSIG, SELECT NEXT LARGER SIZE P&I—PLUMBING & IRGAINING INSTITUTE

DOMESTIC WATER PIPING SCHEDULE		
SIZE	CW FITTURE UNITS UP TO	HW FITTURE UNITS UP TO
3/8"	1.7	1.5
1/2"	5.4	4.0
1"	11	9.3
1 1/2"	30.4	25
2"	64	53
2 1/2"	165	142
3"	320	280
4"	520	458
6"	1130	980
8"	3675	3265

NOTE: DOMESTIC WATER PIPING SCHEDULE IS SHOWN FOR CONVENIENCE ONLY.

SHEET #	DESCRIPTION
P-001	SCHEDULES, DETAILS, NOTES & LEGENDS- PLUMBING
P-002	PLUMBING DETAILS
P-100	UNDERGROUND PLAN - PLUMBING
P-101	LEVEL 1 - SUPPLY
P-102	LEVEL 2 - SUPPLY
P-103	LEVEL 3 - SUPPLY
P-104	LEVEL 4 - SUPPLY
P-201	LEVEL 1 - WASTE & STORM
P-202	LEVEL 2 - WASTE & STORM
P-203	LEVEL 3 - WASTE & STORM
P-204	LEVEL 4 - WASTE & STORM
P-205	LEVEL 5 - WASTE & STORM
P-206	LEVEL 6 CANNOPY - WASTE & STORM
P-401A	ISOMETRIC RISER DIAGRAMS
P-401B	ISOMETRIC RISER DIAGRAMS
P-402A	ISOMETRIC RISER DIAGRAMS
P-402B	ISOMETRIC RISER DIAGRAMS
P-403	ISOMETRIC RISER DIAGRAMS
P-404A	ISOMETRIC RISER DIAGRAMS
P-404B	ISOMETRIC RISER DIAGRAMS

WATER HAMMER ARRESTOR SCHEDULE						
FIXTURE UNITS	1-11	12-32	33-60	31-113	114-154	155-330
PDI UNITS	A	B	C	D	E	F
PIPE SIZE	½"	¾"	1"	1½"	1½"	2"

NOTE: SIZING BASED ON 50 FT LENGTH AND WATER PRESSURE UP TO 65 PSIG. WHEN WATER PRESSURE IN LINE EXCEEDS 65 PSIG, SELECT NEXT LARGER SIZE. PDI-PLUMBING & DRAINAGE INSTITUTE

4. All water closets, urinals, and lavatories shall be white in color.

5. All stainless steel fixtures shall be provided with Everclean Antimicrobial Surface.

6. Installation of fixtures shall be fully coordinated with grab bars.

7. Provide Symmons Thermostatic water temperature limiting device #214-CC, ASSE 1017/1070, CSA B125.1, lead free, stainless steel, 1/2 gpm MIN, 2 gpm MAX on all faucets in public areas. Set temperature to 110°F.

details.

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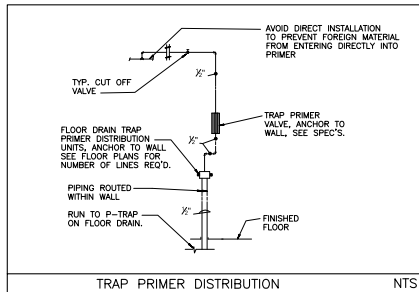
11	CITY OF MIAMI BEACH PERMIT COMMENTS	08/26/2016
7	VE CHANGES	08/14/16
1	Revised Permit Comment	11/26/14
NO	ISSUE	DATE

Date	Tue: September 4, 2014
Job Number	810408.000
Drawn	DAU
Checked	WBS
Approved	WBS

**SCHEDULES,
DETAILS, NOTES &
LEGENDS -
PLUMBING**

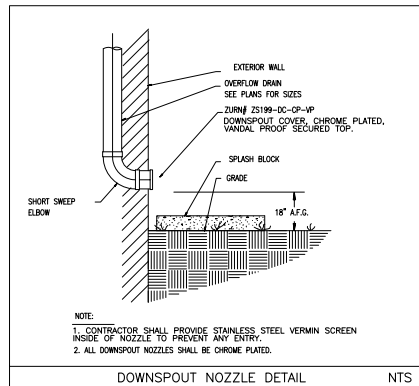
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P-001



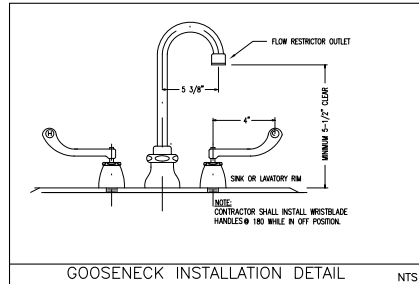
TRAP PRIMER DISTRIBUTION

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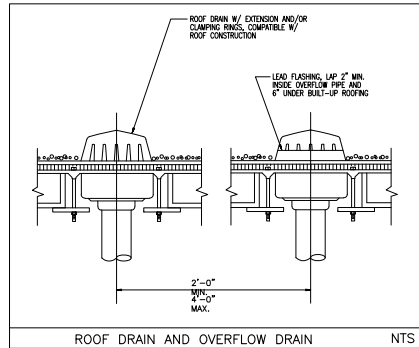
DOWNSPOUT NOZZLE DETAIL

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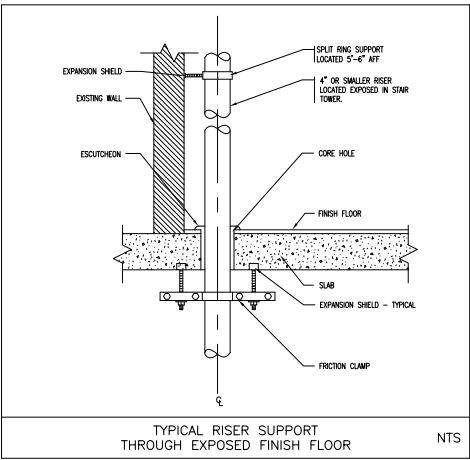
GOOSENECK INSTALLATION DETAIL

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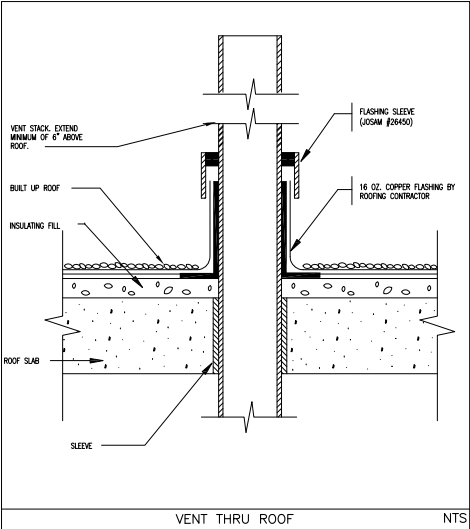
ROOF DRAIN AND OVERFLOW DRAIN

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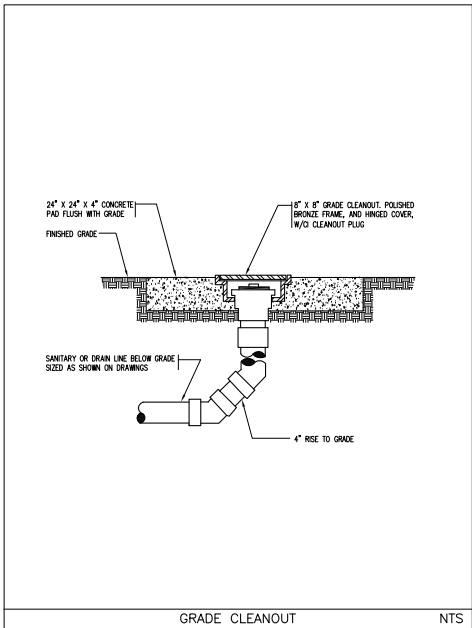
TYPICAL RISER SUPPORT THROUGH EXPOSED FINISH FLOOR

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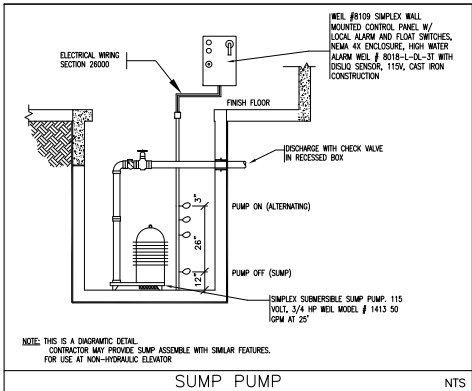
VENT THRU ROOF

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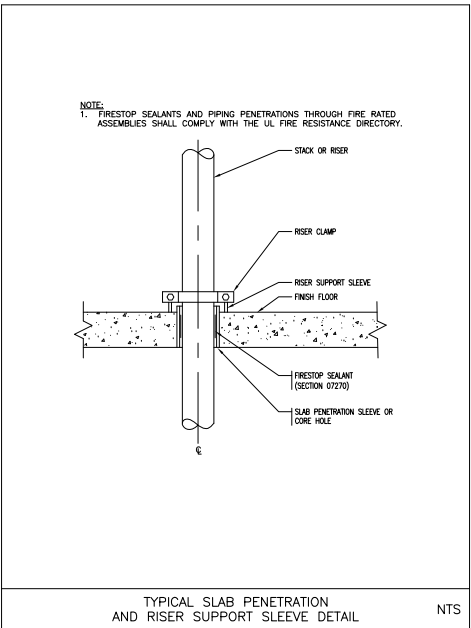
GRADE CLEANOUT

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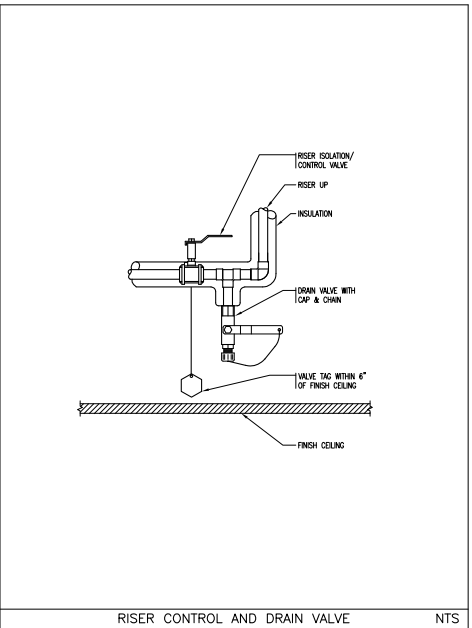
SUMP PUMP

NTS



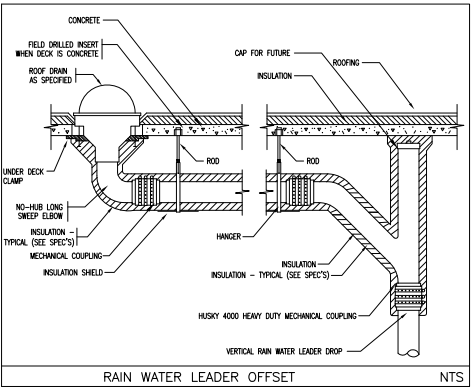
TYPICAL SLAB PENETRATION AND RISER SUPPORT SLEEVE DETAIL

NTS



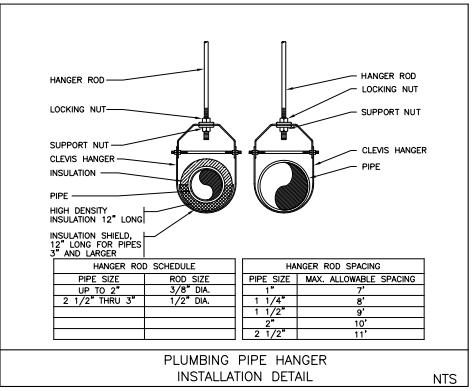
RISER CONTROL AND DRAIN VALVE

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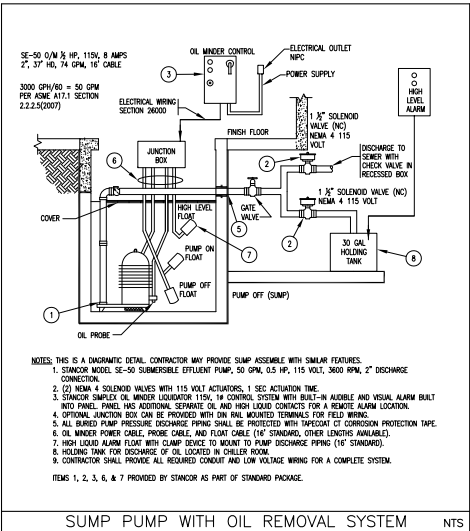
RAIN WATER LEADER OFFSET

NTS



PLUMBING PIPE HANGER INSTALLATION DETAIL

NTS

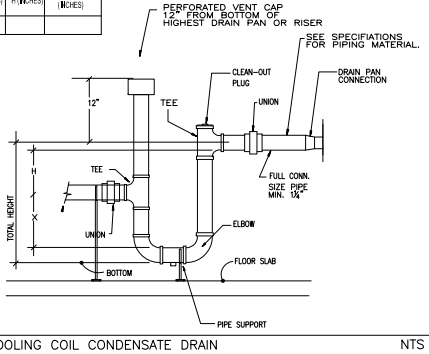


SUMP PUMP WITH OIL REMOVAL SYSTEM

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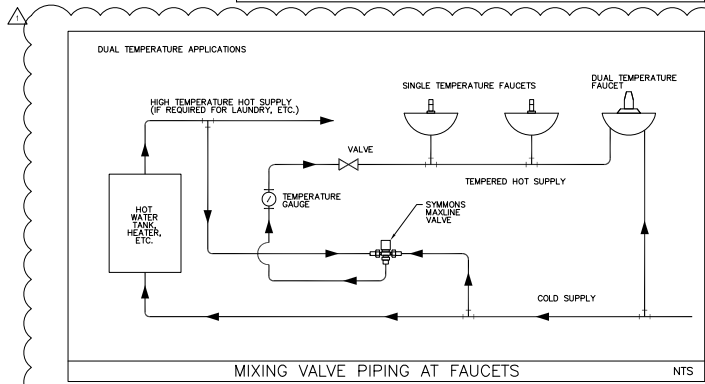
CONDENSATE TRAP SCHEDULE									
TOTAL HEIGHT OF TRAP = 1/2" (X) + PIPE DIAMETER									
FOR DRAIN THRU UNITS					FOR BLOW THRU UNITS				
1/2" DIA. (PREFERRED) X 1/2" DIA. (MIN.)					1/2" DIA. (PREFERRED) X 1/2" DIA. (MIN.)				
PIPE SIZE	TONnage	FEET (INCHES)	AV. NEGATIVE STATE PRESS. (INCHES)	MAX. STATE PRESS. (INCHES)	PIPE SIZE	TONnage	FEET (INCHES)	AV. NEGATIVE STATE PRESS. (INCHES)	MAX. STATE PRESS. (INCHES)
1/2"					1/2"				
3/4"					3/4"				
1"					1"				
1 1/4"					1 1/4"				
1 1/2"					1 1/2"				
2"					2"				
2 1/2"					2 1/2"				

NOTE: ELEVATE A/C UNIT SUFFICIENT DISTANCE ABOVE FLOOR OR ROOF TO ALLOW FOR INSTALLATION OF TRAP WITH ACCURATE DIMENSIONS TO WITHSTAND SYSTEM OPERATING PRESSURE. COORDINATE WITH DETAIL FOR A/C UNIT MOUNTING.



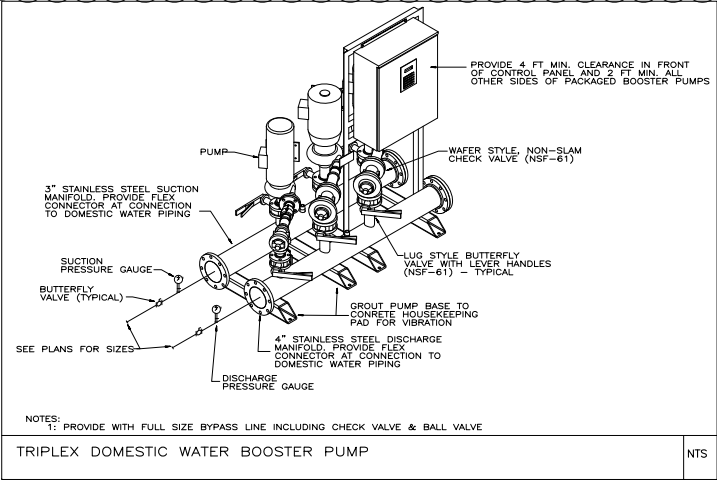
COOLING COIL CONDENSATE DRAIN

NTS



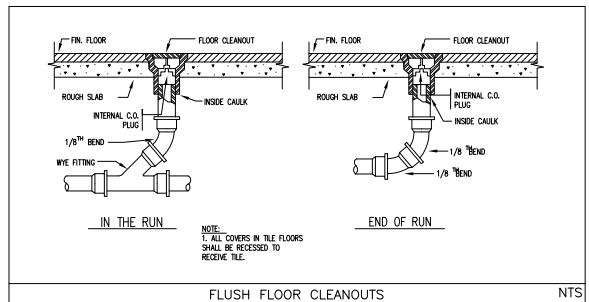
MIXING VALVE PIPING AT FAUCETS

NTS



TRIPLEX DOMESTIC WATER BOOSTER PUMP

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FLUSH FLOOR CLEANOUTS

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Revisions

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Approved: WBS

PLUMBING DETAILS

Sheet
P-002

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Revisions

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16	ISSUED FOR FIELD COORDINATION	09/21/17
15	CITY OF MIAMI BEACH PERMIT COMMENTS	09/20/17
14	UNDERGROUND UTILITIES AND COLUMN RELOCATION	09/20/17
13	REVISIONS	09/14/17
12	REVISIONS	09/14/17
11	REVISIONS	09/14/17
10	REVISIONS	09/14/17
9	REVISIONS	09/14/17
8	REVISIONS	09/14/17
7	REVISIONS	09/14/17
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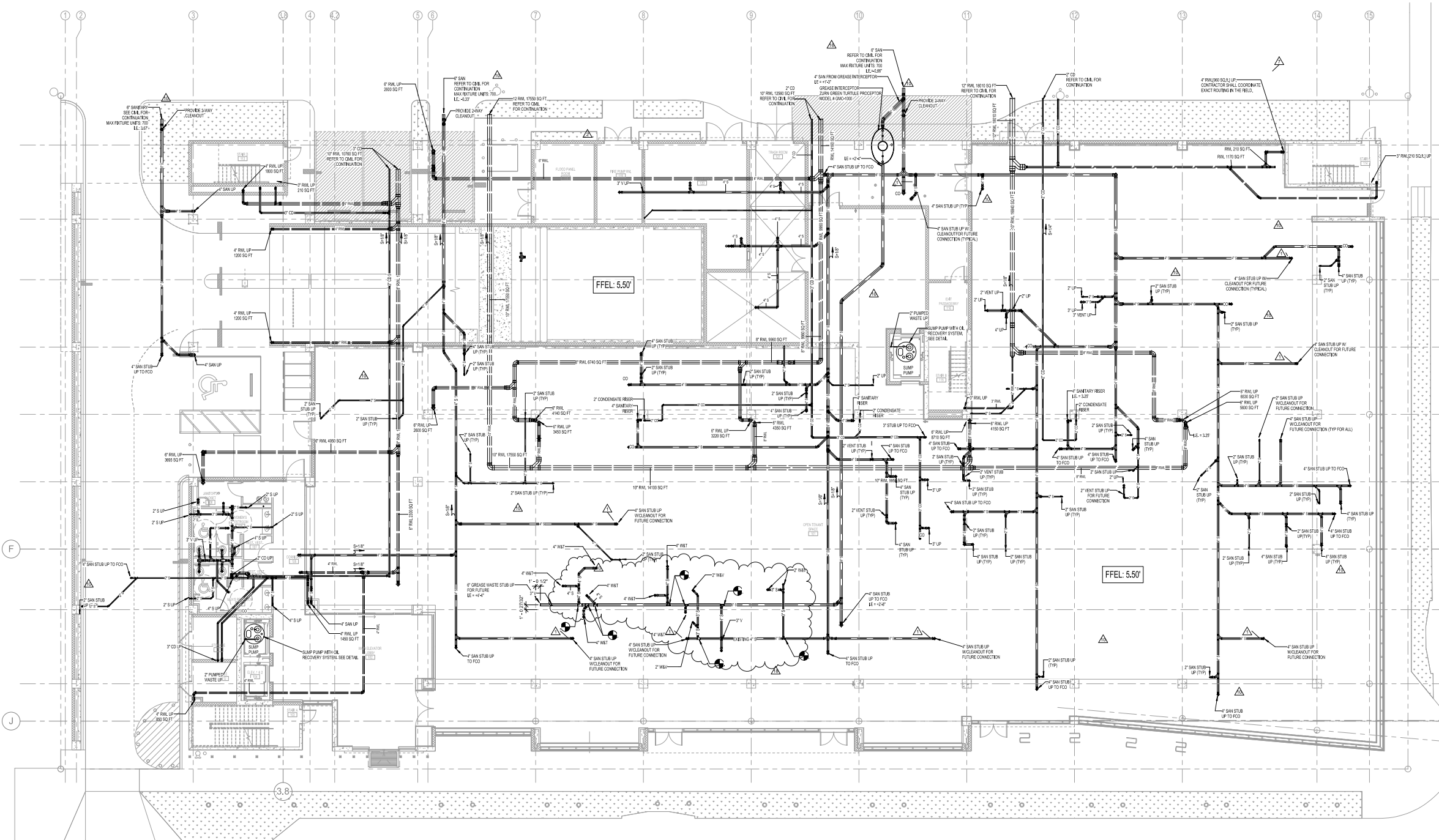
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UNDERGROUND
PLAN - PLUMBING

Sheet

P-100



1 UNDERGROUND - WASTE & STORM
1/8" = 1'-0"

REFER TO 1ST FLOOR BAPTIST
OCEANIA TENANT FIT OUT
PROJECT FOR FIRST FLOOR STUB
UP CONTINUATION.

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Revisions

8	ZONING & GENERAL REVISIONS	11/12/15
7	VE CHANGES	08/14/15
3	CITY OF MIAMI BEACH REVISIONS	11/26/14
1	REVISED PERMIT COMMENTS	11/26/14
NO	ISSUE	DATE

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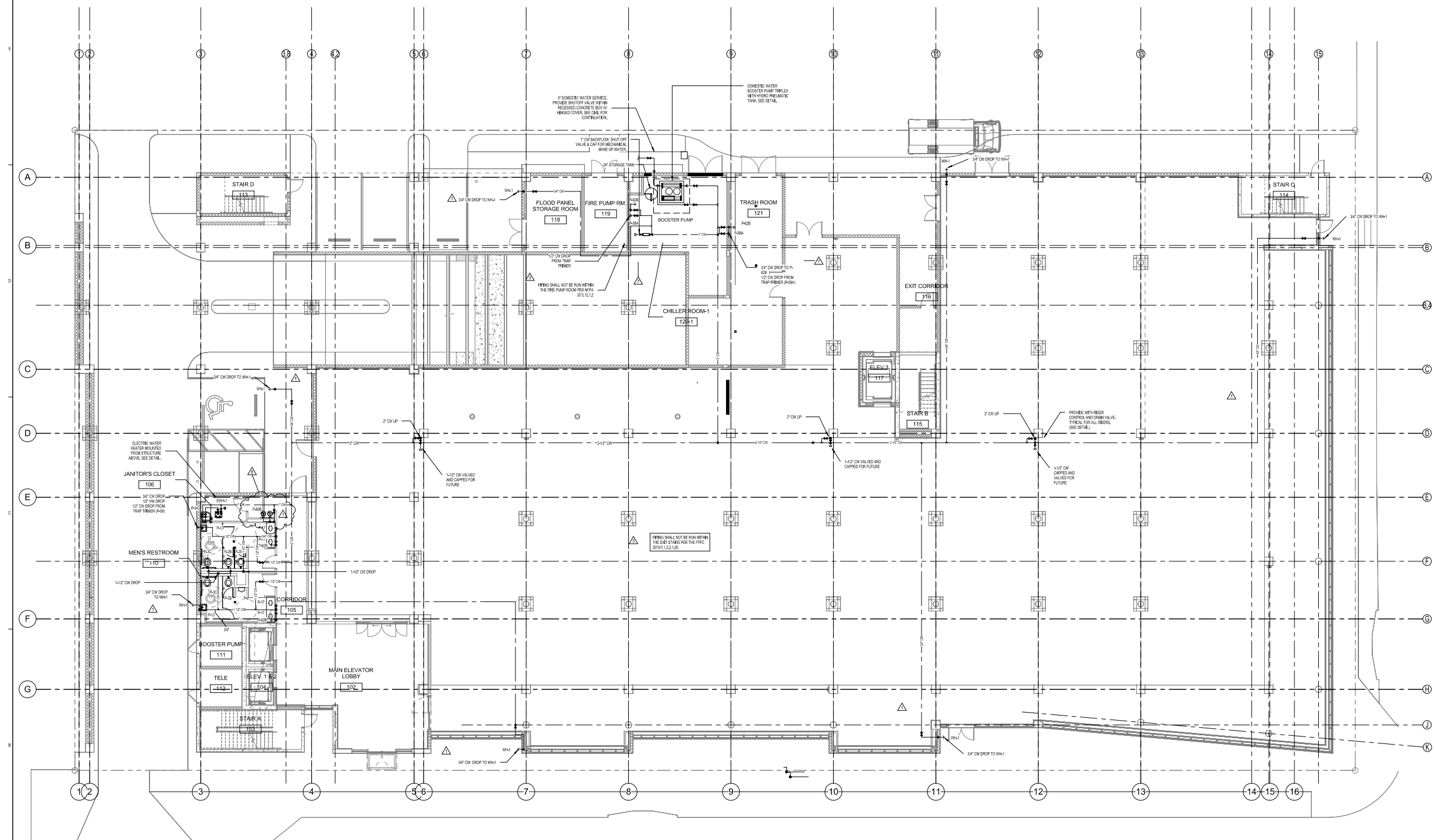
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Job Number	810408,000
Drawn	SEC
Checked	DAP
Approved	Approved
	Title

Level 1 - Supply

Sheet

P-101

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1 LEVEL 01 - Supply
1/8" = 1'-0"