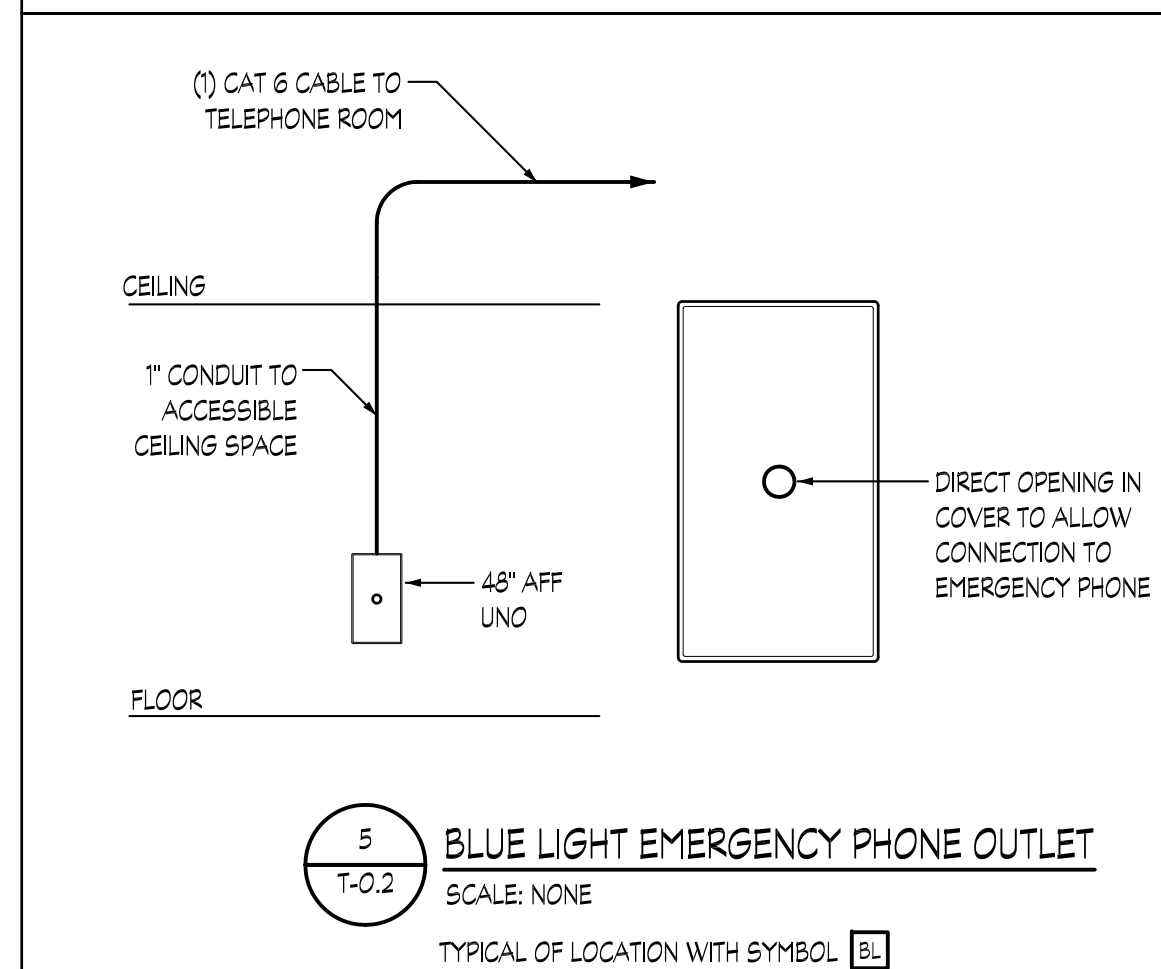
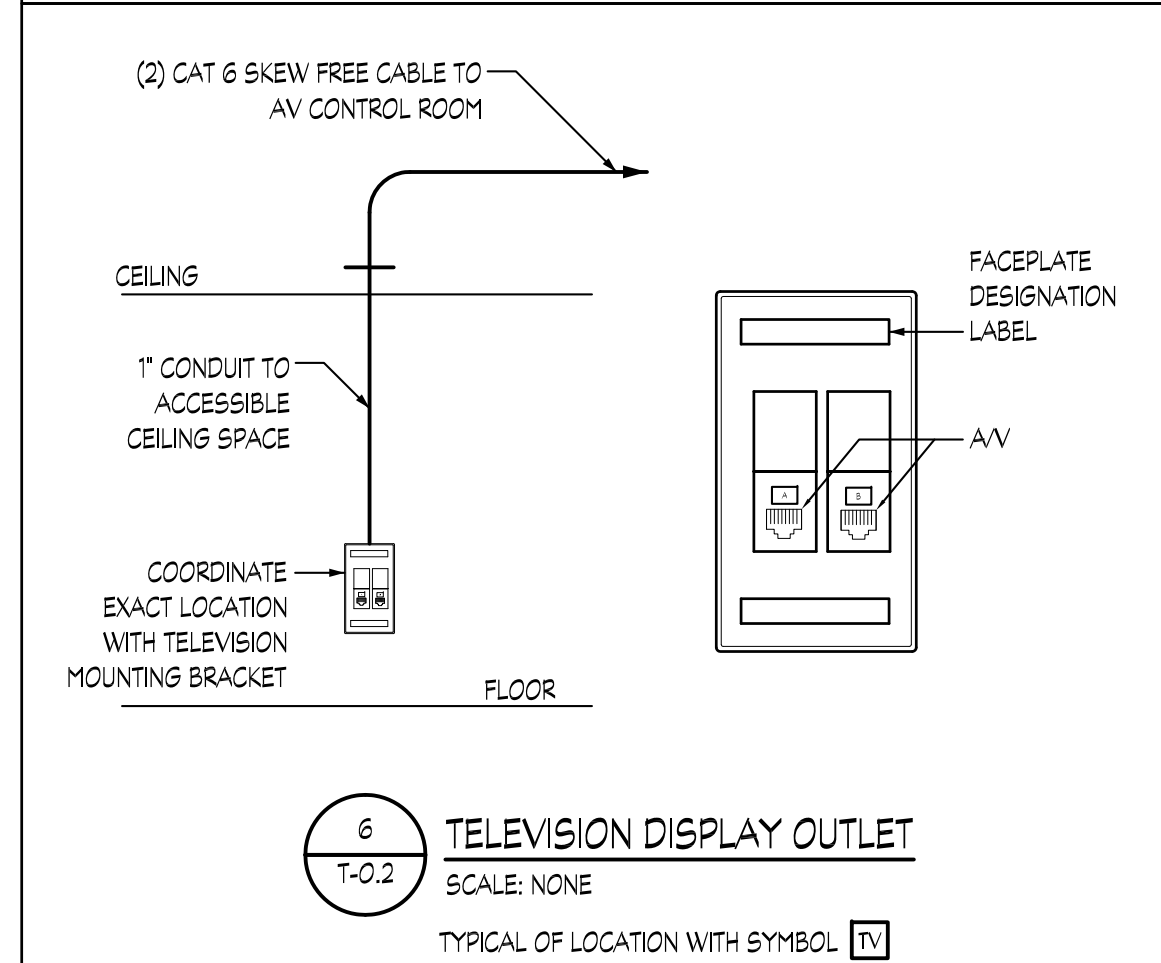
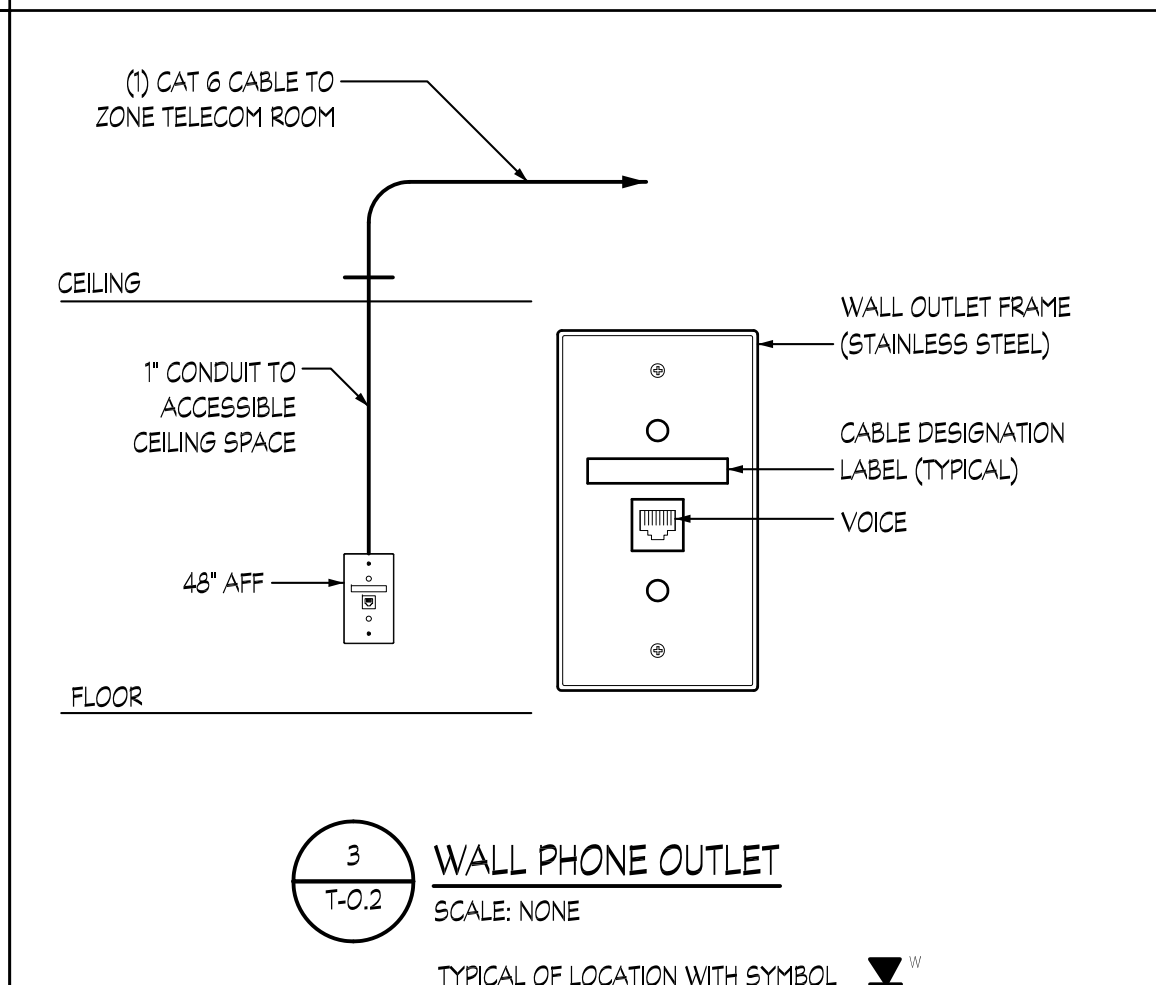
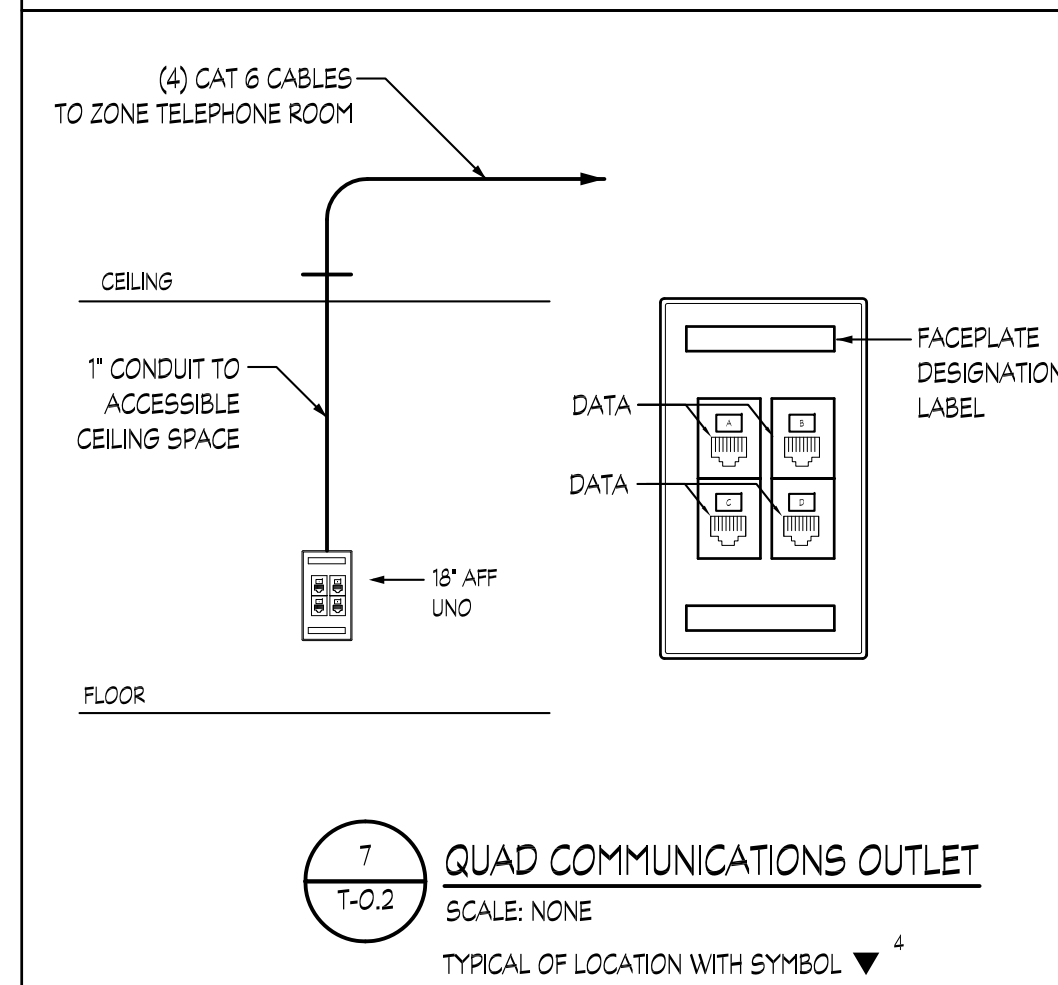
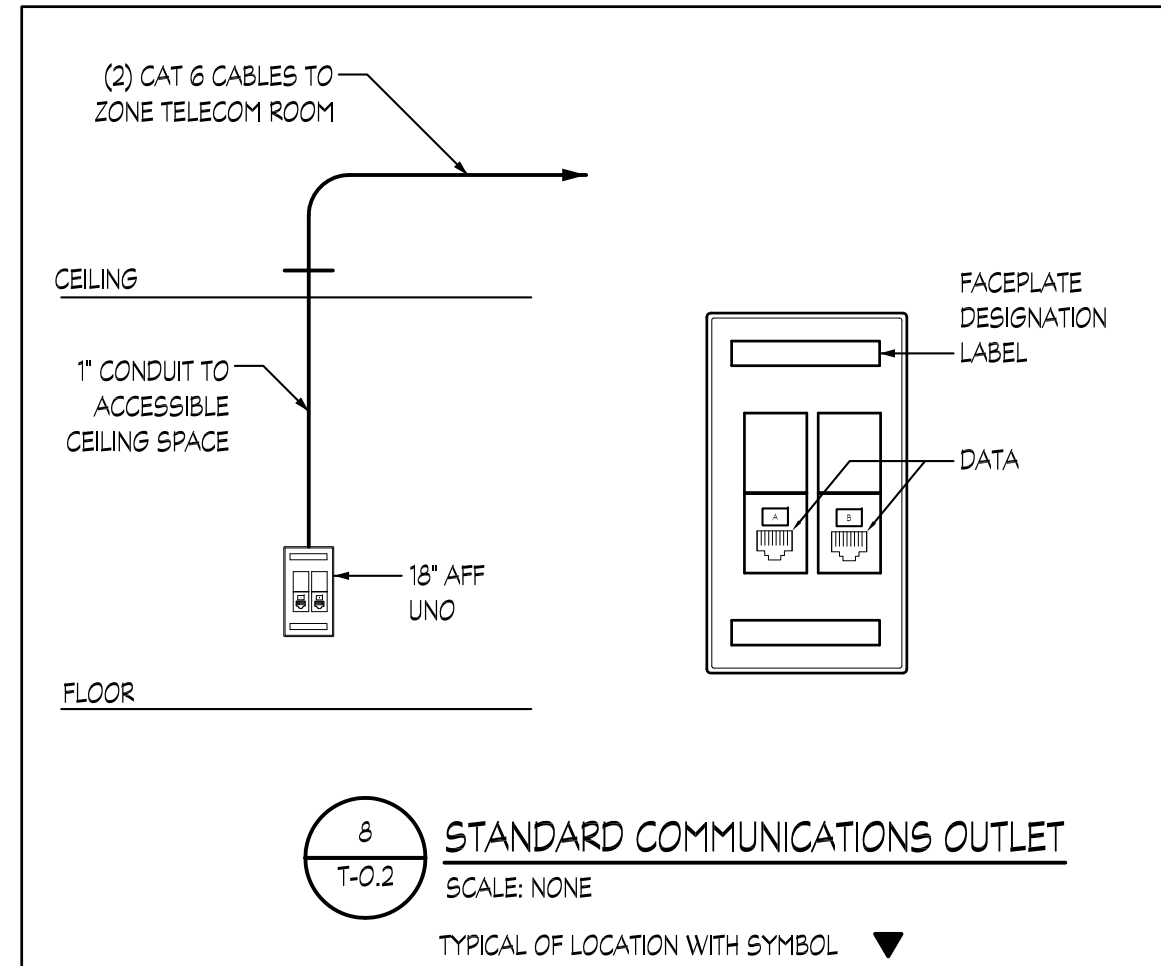


CAMPUS CENTER 144 PORT FO PATCH												
A	B	C	D	E	F	G	H	J	K	L	M	
<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	SPARE
<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>		
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<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>		
24 MM BUILDING ENTRANCE FIBER (TO NURSING 1W120 NEW SIECOR 4 A-C)		12 MM		12 MM	12 MM	12 MM	12 MM	12 MM	12 MM	12 MM	12 MM	
		RISER FIBER 1ST FLOOR		RISER FIBER 2ND FLOOR		RISER FIBER 3RD FLOOR		RISER FIBER 4TH FLOOR				

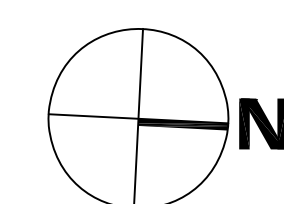
CAMPUS CENTER 72 PORT FO PATCH									
12 MM RISER FIBER 5TH FLOOR	A	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	A	SPARE	
12 MM RISER FIBER 5TH FLOOR	B	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	B	SPARE	
	C	SPARE					C	SPARE	

9
T-0.2
BLUE LIGHT EMERGENCY PHONE OUTLET
SCALE: NONE



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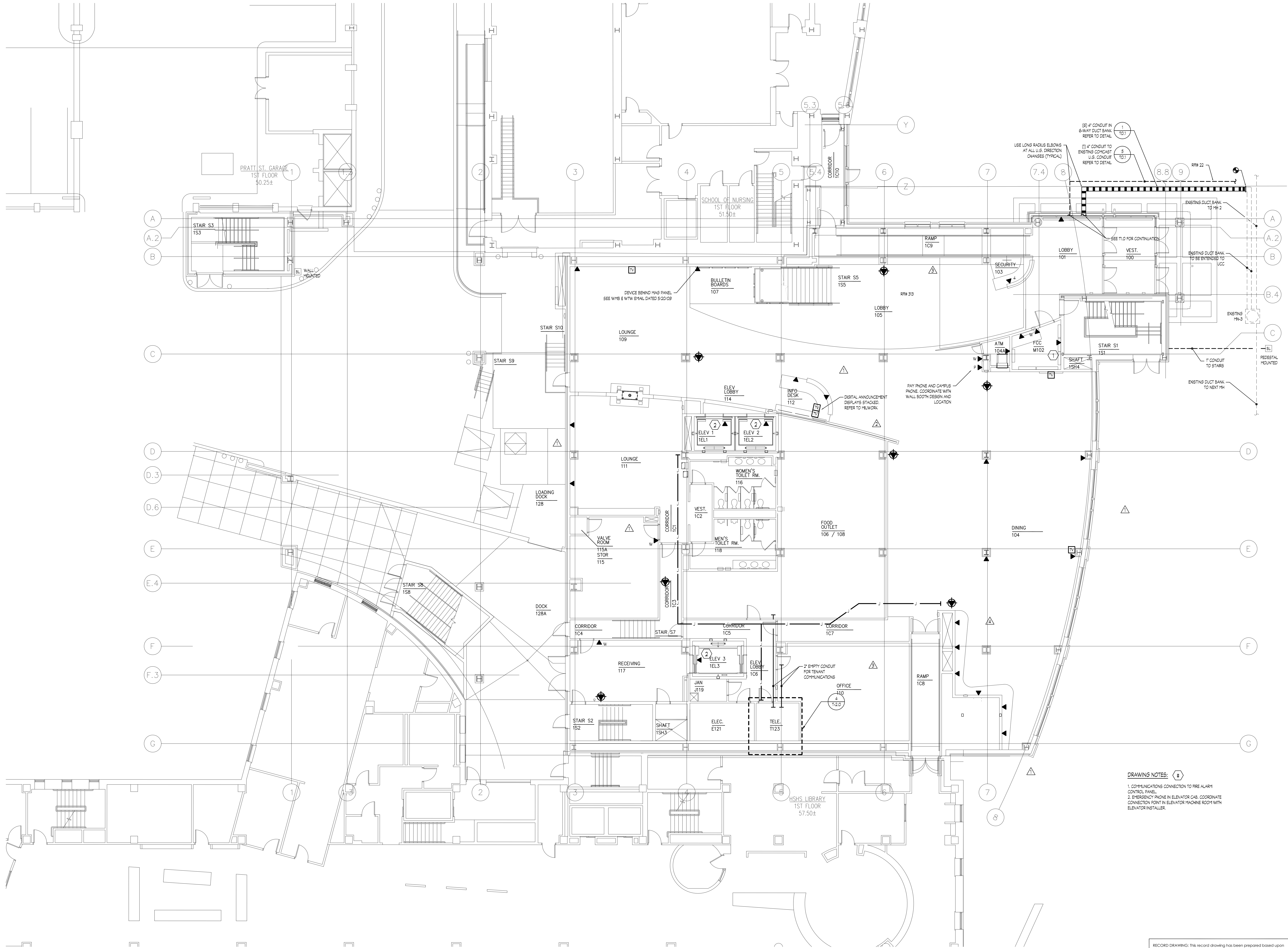
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1 TELECOMMUNICATIONS FIRST FLOOR PLAN
1/8" = 1'-0"

DRAWING NOTES: #

1. COMMUNICATIONS CONNECTION TO FIRE ALARM CONTROL PANEL.
2. EMERGENCY PHONE IN ELEVATOR CAB. COORDINATE CONNECTION POINT IN ELEVATOR MACHINE ROOM WITH ELEVATOR INSTALLER.

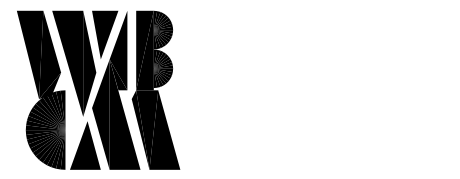
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5 01/28/10 Record Drawing
4 06/17/09 Bulletin #118
3 12/10/08 Bulletin #82
2 07/29/08 Bulletin #53
1 06/08/08 Bulletin #49
0 05/02/07 For Construction
Rev. Date: Comment:
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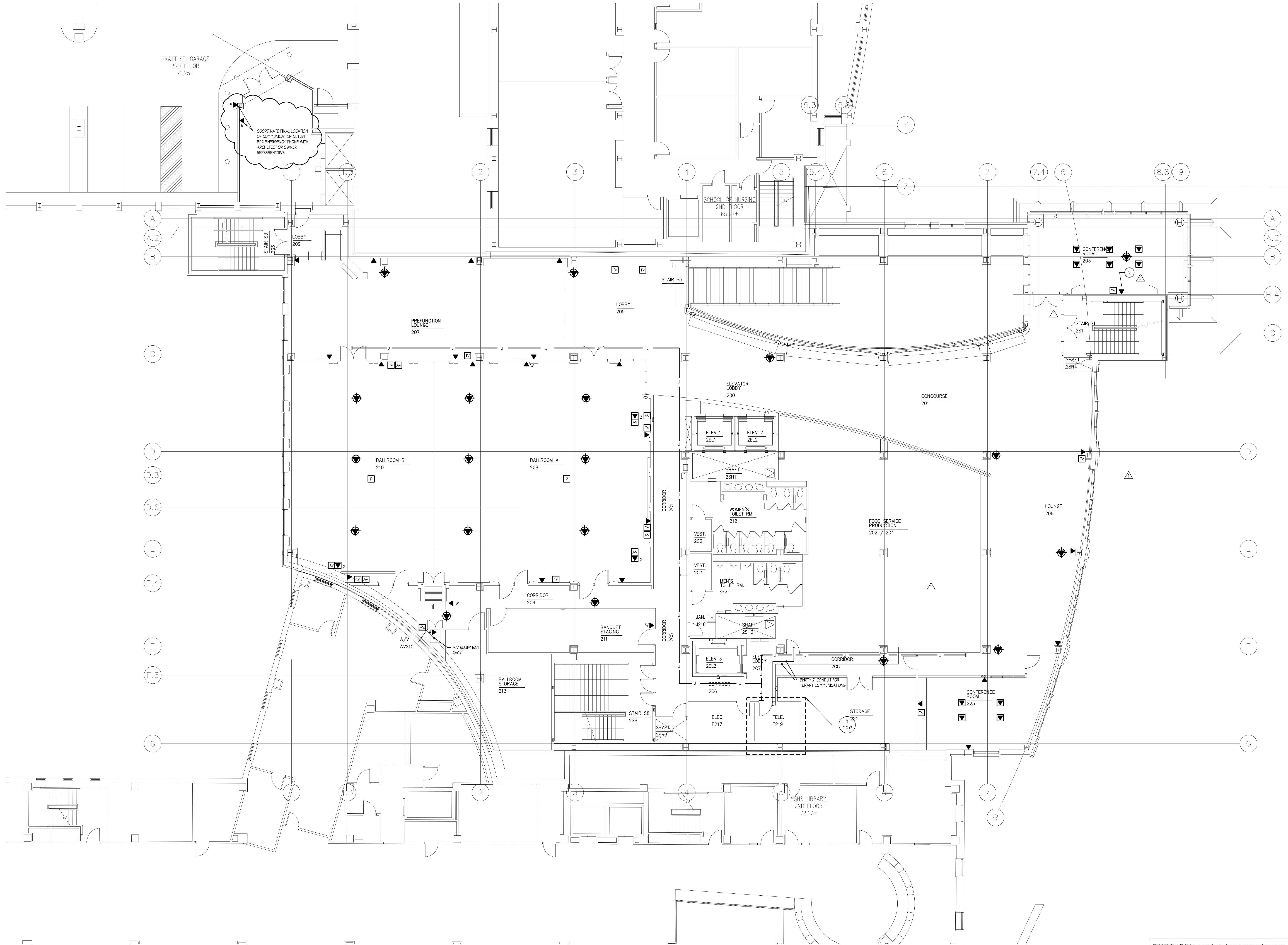


Telecom-
First Floor
Plan

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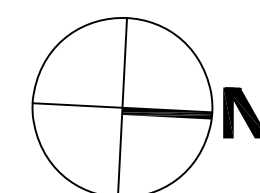
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T1.1



1 TELECOMMUNICATIONS SECOND FLOOR PLAN
1/8" = 1'-0"

0 4' 8' 16'

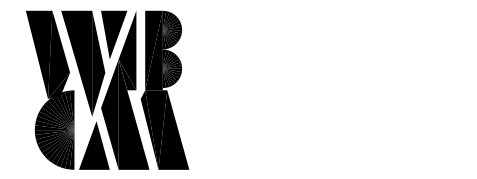


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3 01/29/10 Record Drawing
2 07/29/08 Bulletin #53
1 05/09/08 Plan Revisions
0 05/02/07 For Construction
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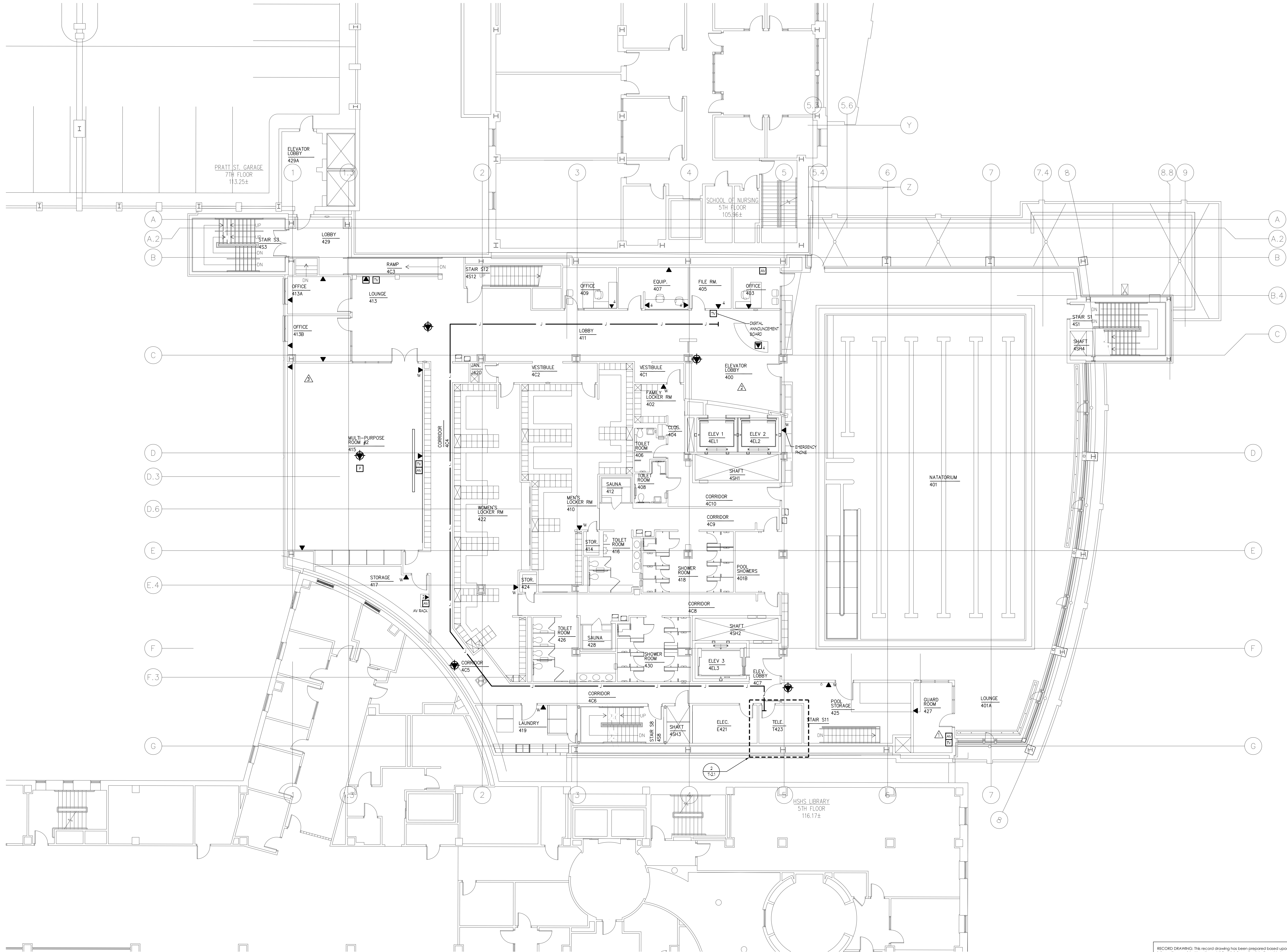
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Floor
Plan

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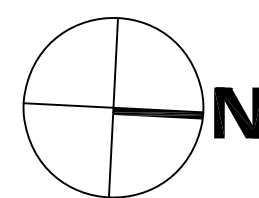
T1.2





1 TELECOMMUNICATIONS FOURTH FLOOR PLAN
1/8" = 1'-0"

0 4' 8' 16'



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4 01/28/10 Record Drawing
3 12/10/08 Bulletin #52
2 07/29/08 Bulletin #53
1 06/06/08 Bulletin #49
0 05/02/07 For Construction
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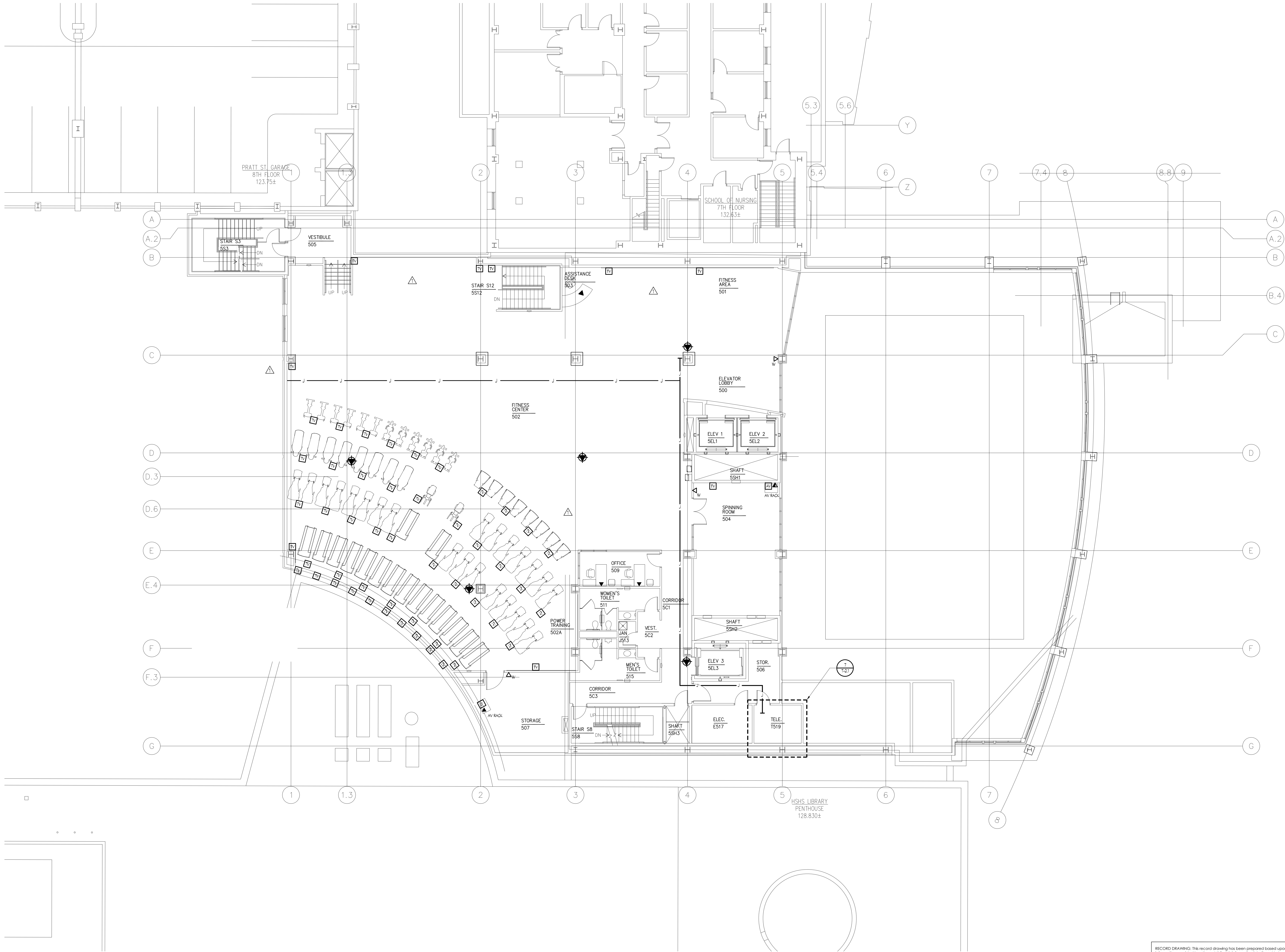


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T1.4



1 TELECOMMUNICATIONS FIFTH FLOOR PLAN
1/8" = 1'-0"

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2 01/29/10 Record Drawing
1 01/16/08 Bulletin #19
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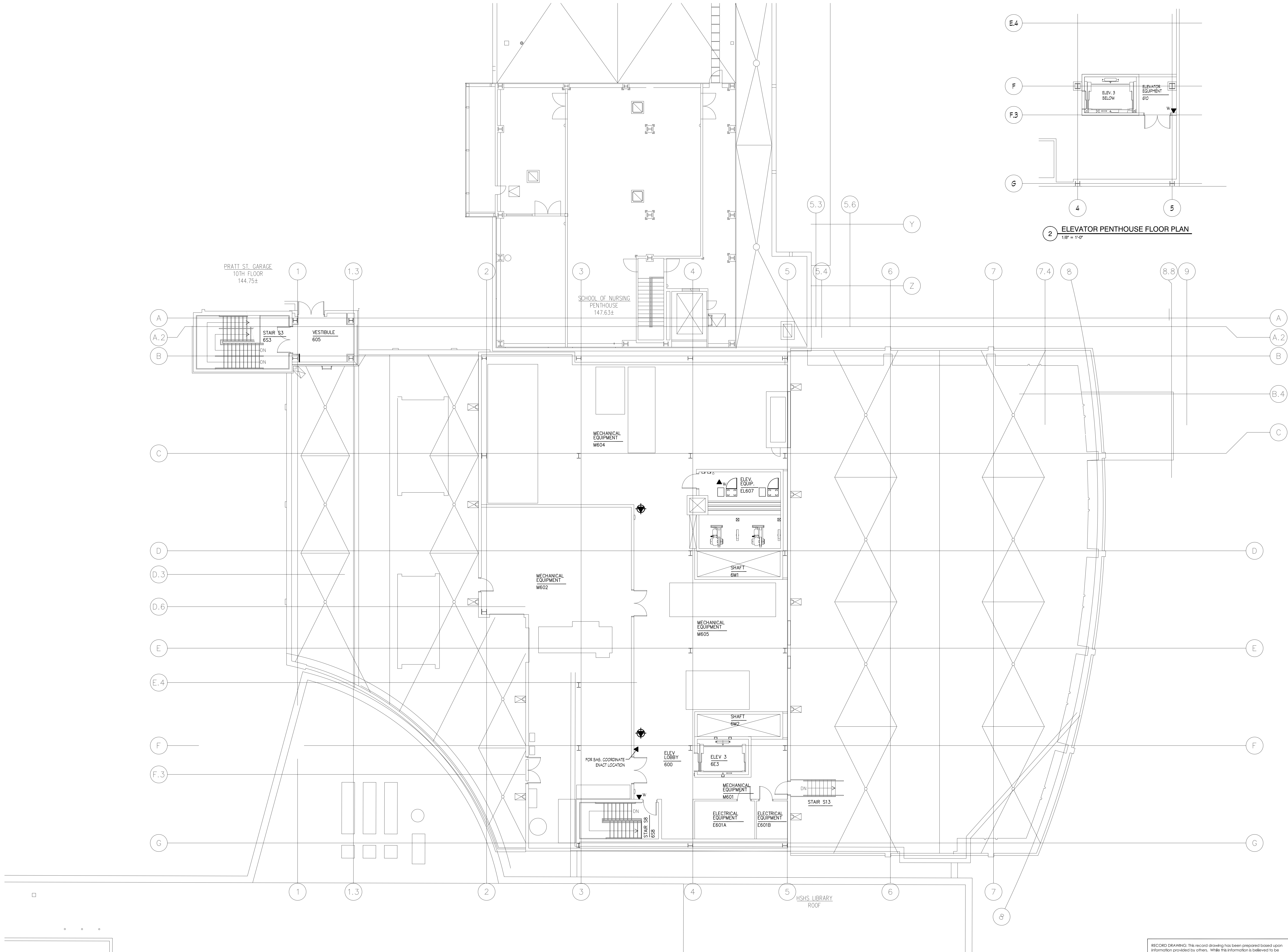


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Fifth
Floor
Plan

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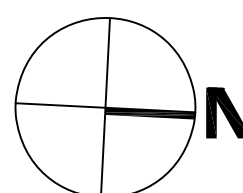
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T1.5



1 TELECOMMUNICATIONS PENTHOUSE FLOOR PLAN
1/8" = 1'-0"

2 ELEVATOR PENTHOUSE FLOOR PLAN
1/8" = 1'-0"



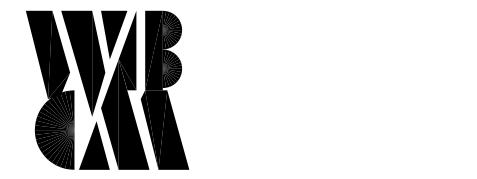
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T1.6



NOTE: NEVER

- 1. INSTALL 1009P OPT UTP CABLE WITH MINIMUM SLACK LOOP OF TWENTY (20) FEET. STORE AND PROTECT SLACK LOOP.
- TERMINATE ALL CABLE Pairs ON TWO RACK MOUNTED PAIR PATCH PANEL, IDC TERMINALS IN THE FOLLOWING CONVECTION:
- Pairs 1-24 ON PATCH PANEL PORTS 1 THRU 1/4 ON PAIR POSITION #1
- Pairs 25-48 ON PATCH PANEL PORTS 1-25 THRU 1/48 ON PAIR POSITION #1
- Pairs 49-74 ON PATCH PANEL PORTS 2-1 THRU 2/24 ON PAIR POSITION #1
- Pairs 75-89 ON PATCH PANEL PORTS 2-25 THRU 2/48 ON PAIR POSITION #1
- Pairs 25, 50, 75, 100 ARE NOT TERMINATED.

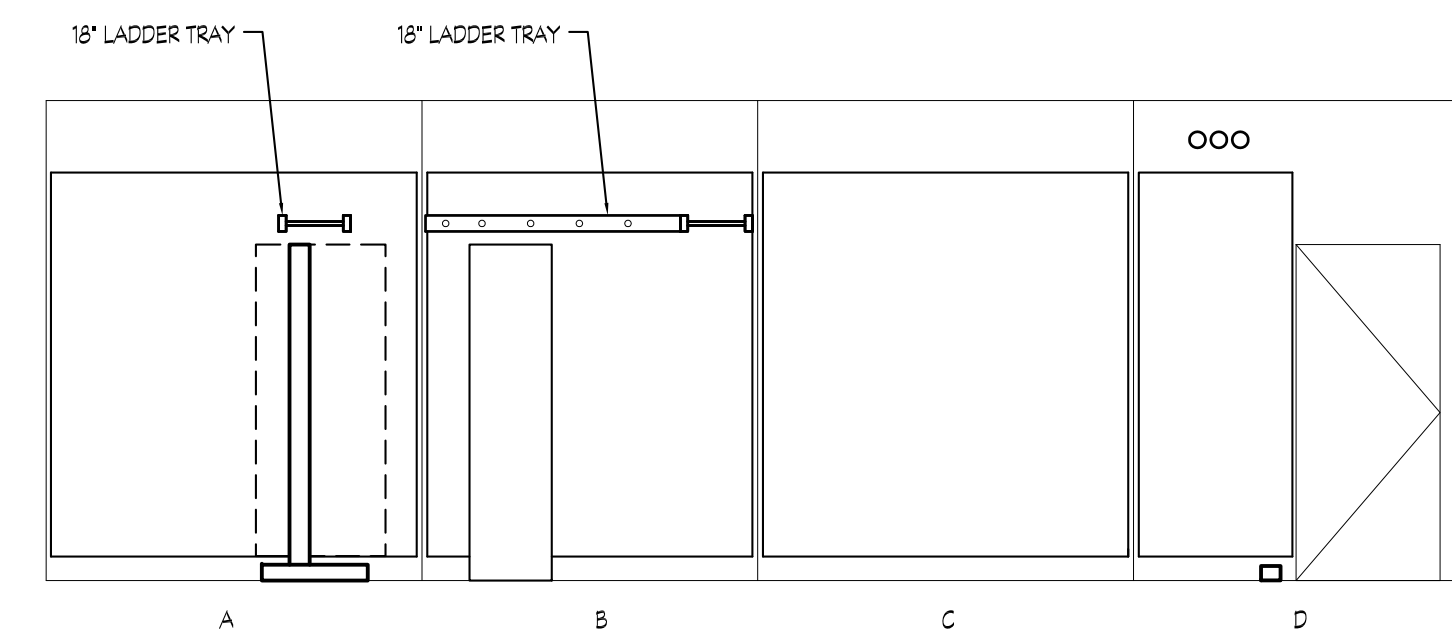
2. 25PR CAT 5E RISER CABLES ARE TO BE TERMINATED IN THE FOLLOWING CONFIGURATION:

- 1ST 25PR CABLE PAIRS 1-24 TERMINATED 1 PAIR PER PORT FOR VOICE USING PAIR POSITION #
- 2ND 25PR CABLE PAIRS 1-24 TERMINATED 4 PAIR PER PORT FOR DATA
- 3RD 25PR CABLE (FIRST FLOOR ONLY) PAIRS 1-24 TERMINATED 4 PAIR PER PORT FOR DATA

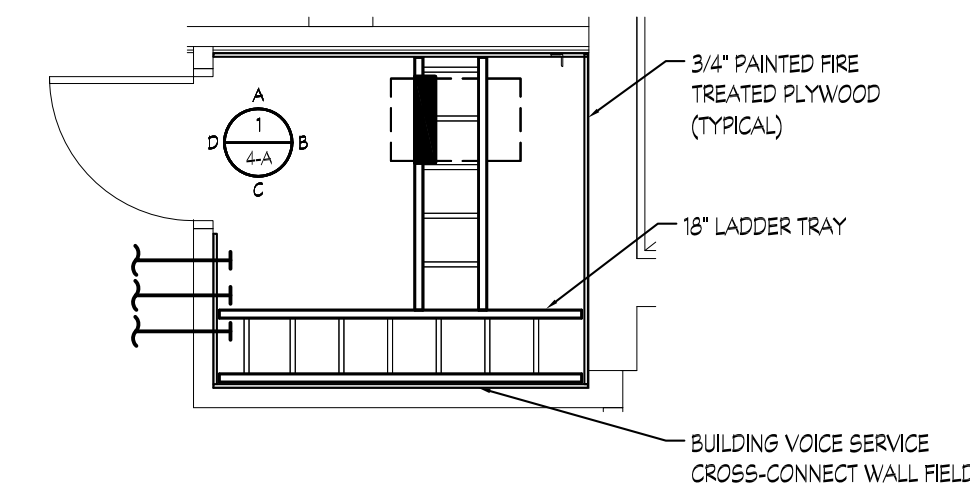


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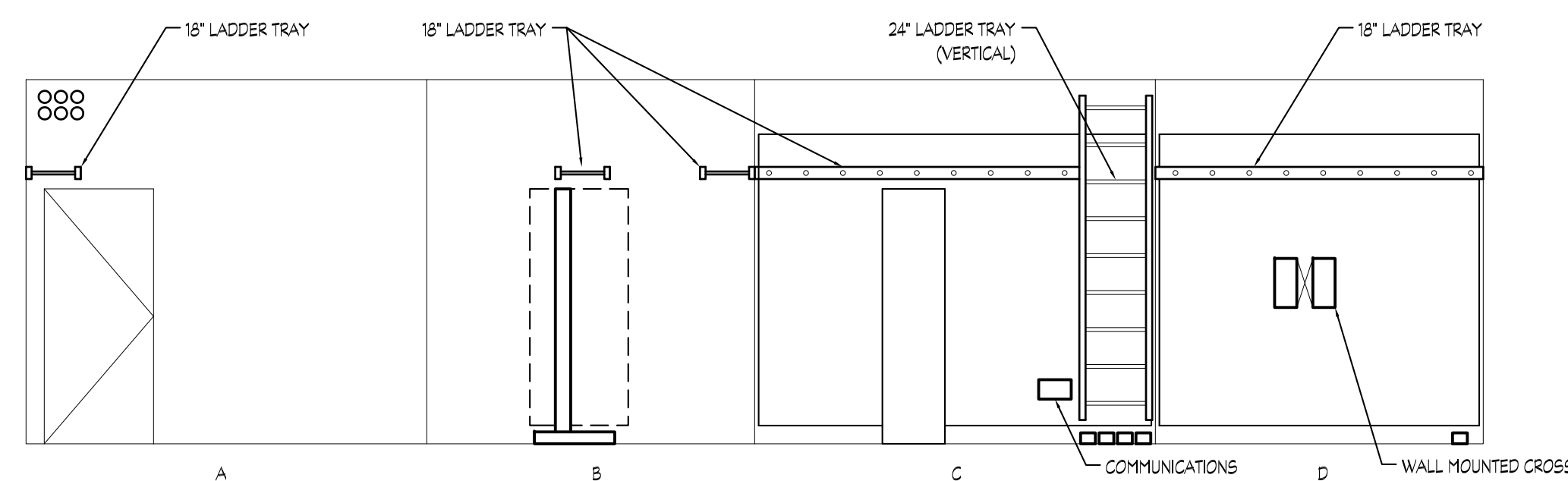
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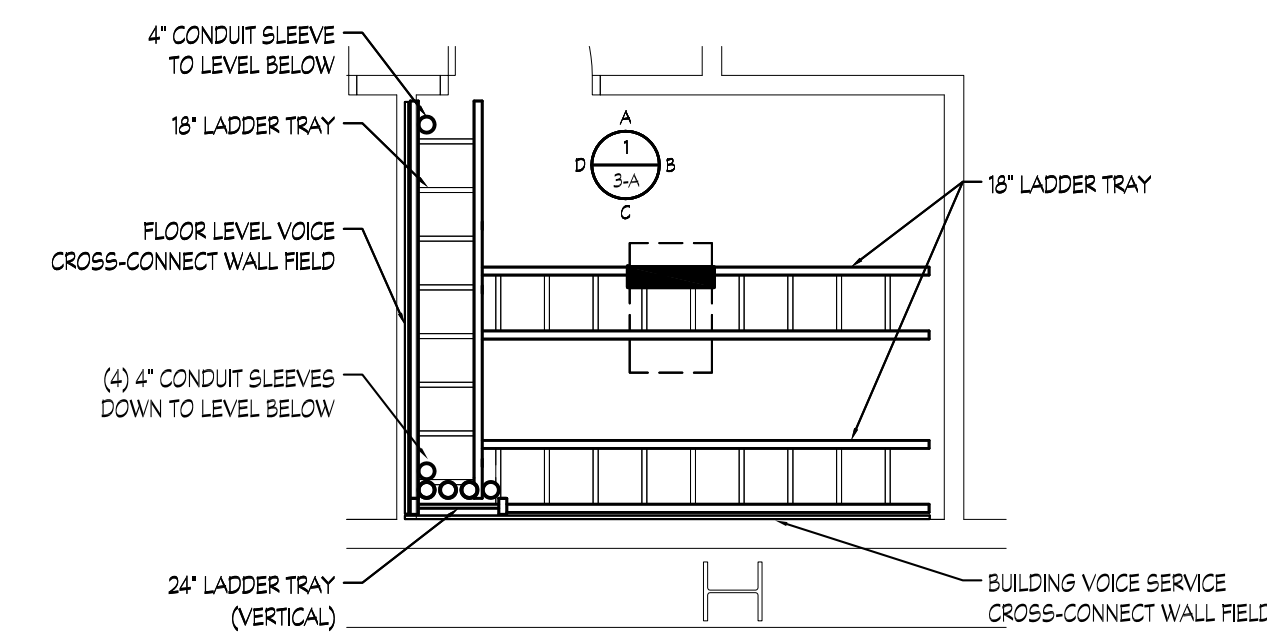
TENTH FLOOR A/C TELECOM ROOM
ELEVATION
SCALE: 1/4" = 1'-0"



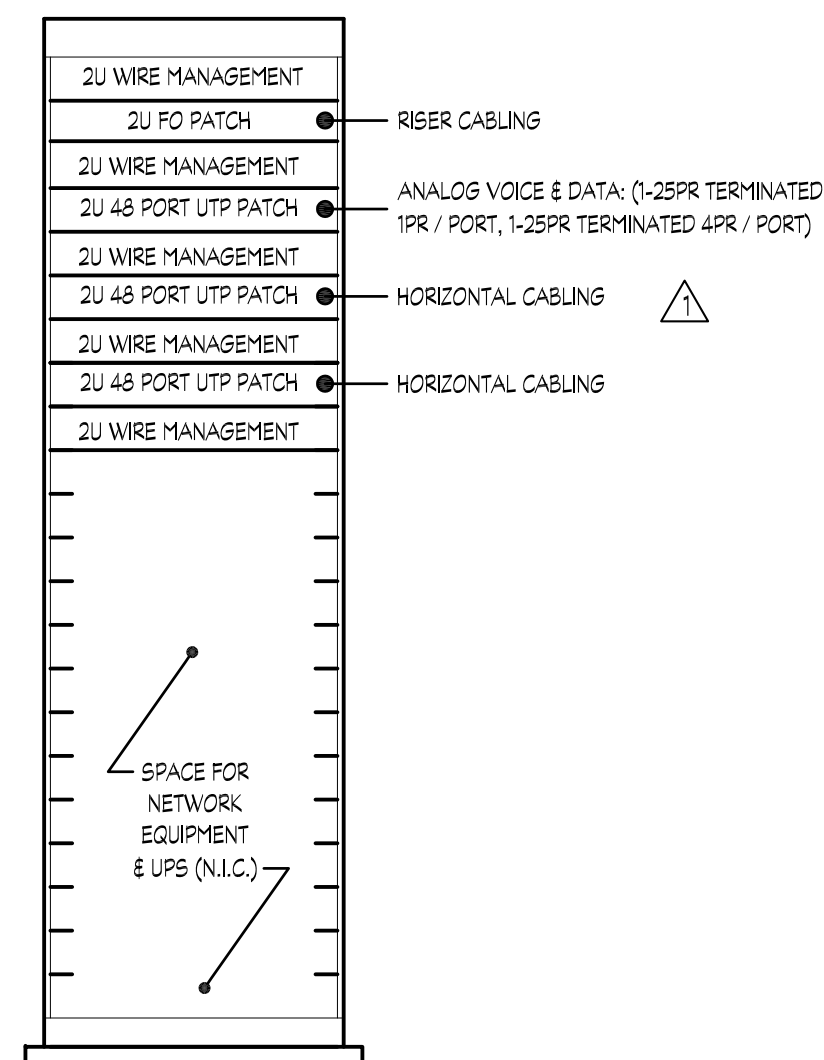
TENTH FLOOR A/C TELECOM ROOM
PART PLAN
SCALE: 1/4" = 1'-0"



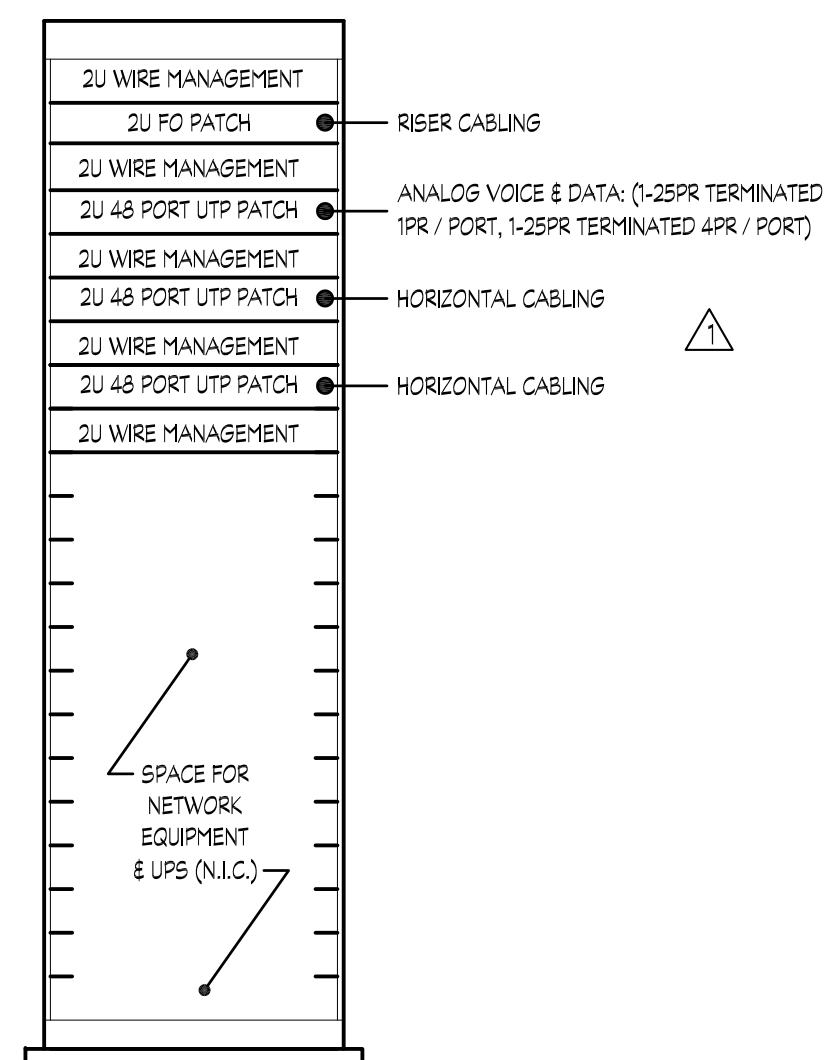
FIFTH FLOOR TELEPHONE ROOM T519
ELEVATION
SCALE: 1/4" = 1'-0"



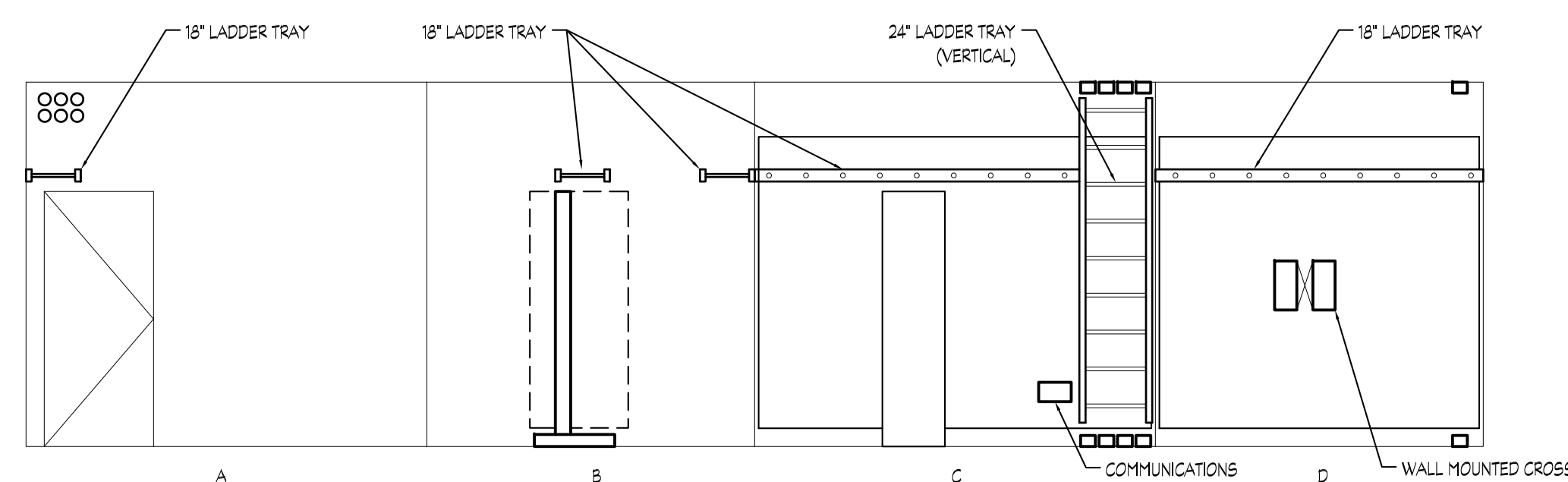
FIFTH FLOOR TELEPHONE ROOM T519
PART PLAN
SCALE: 1/4" = 1'-0"



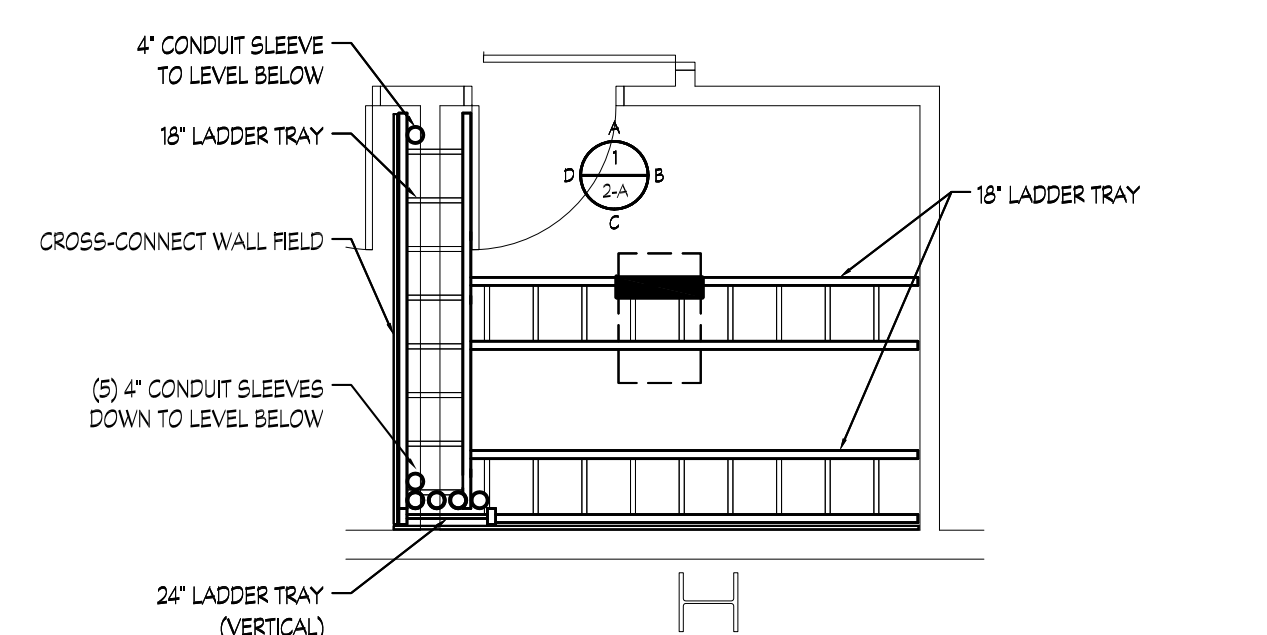
FIFTH FLOOR TELEPHONE ROOM T519
RACK DETAIL
SCALE: N.T.S.



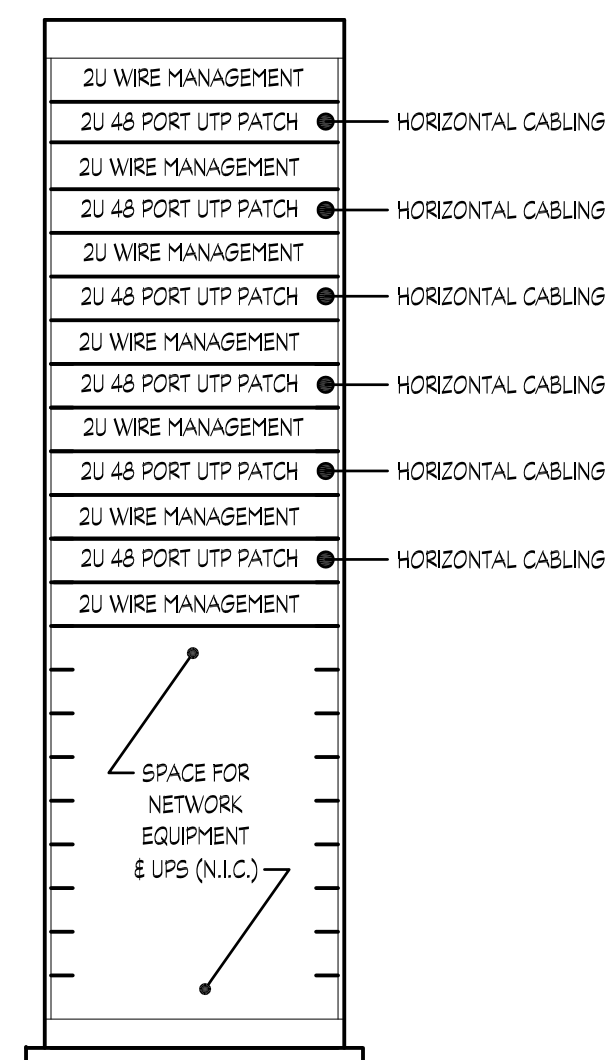
FOURTH FLOOR TELEPHONE ROOM T423
RACK DETAIL
SCALE: N.T.S.



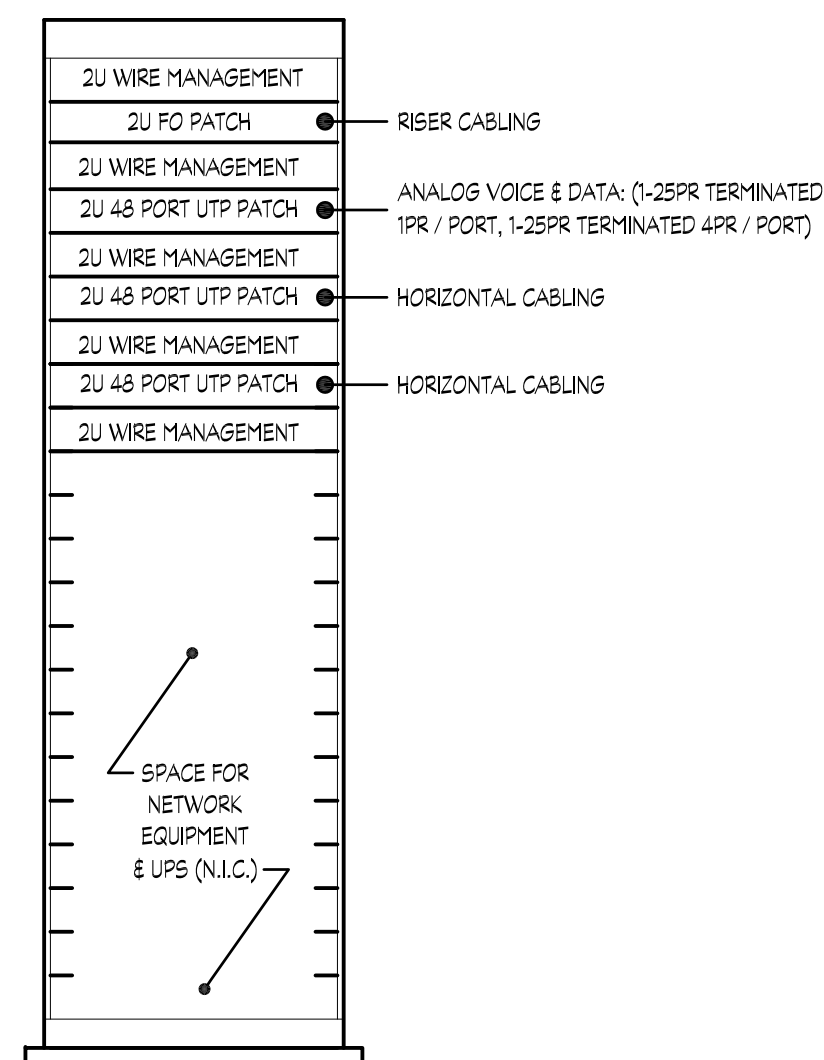
FOURTH FLOOR TELEPHONE ROOM T423
ELEVATION
SCALE: 1/4" = 1'-0"



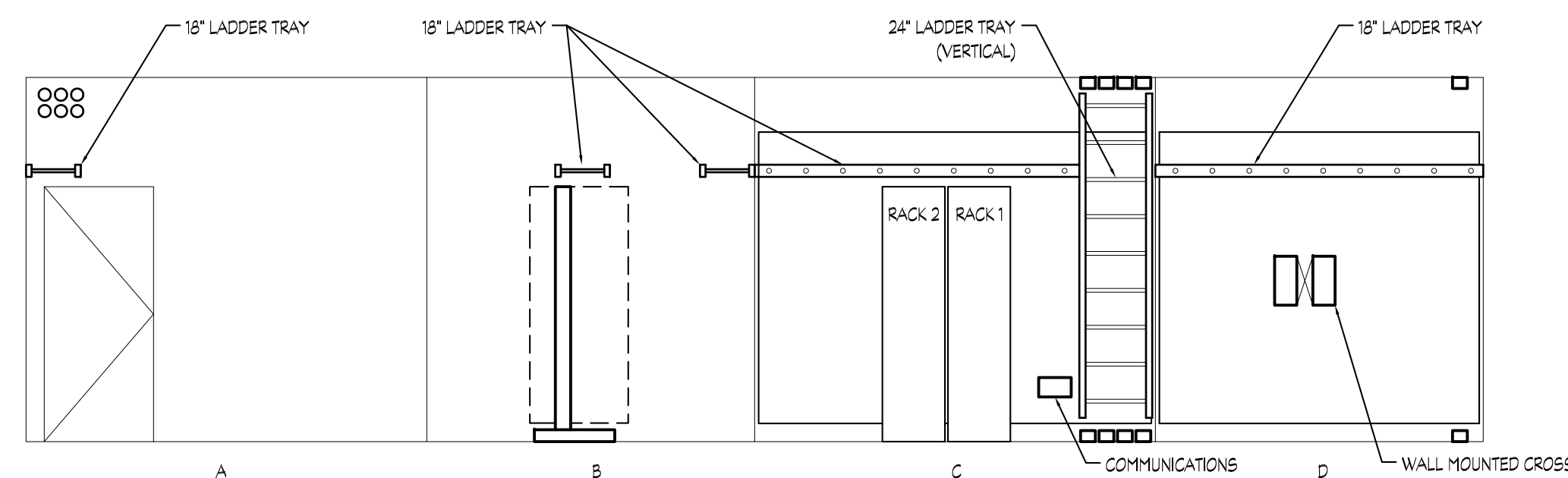
FOURTH FLOOR TELEPHONE ROOM T423
PART PLAN
SCALE: 1/4" = 1'-0"



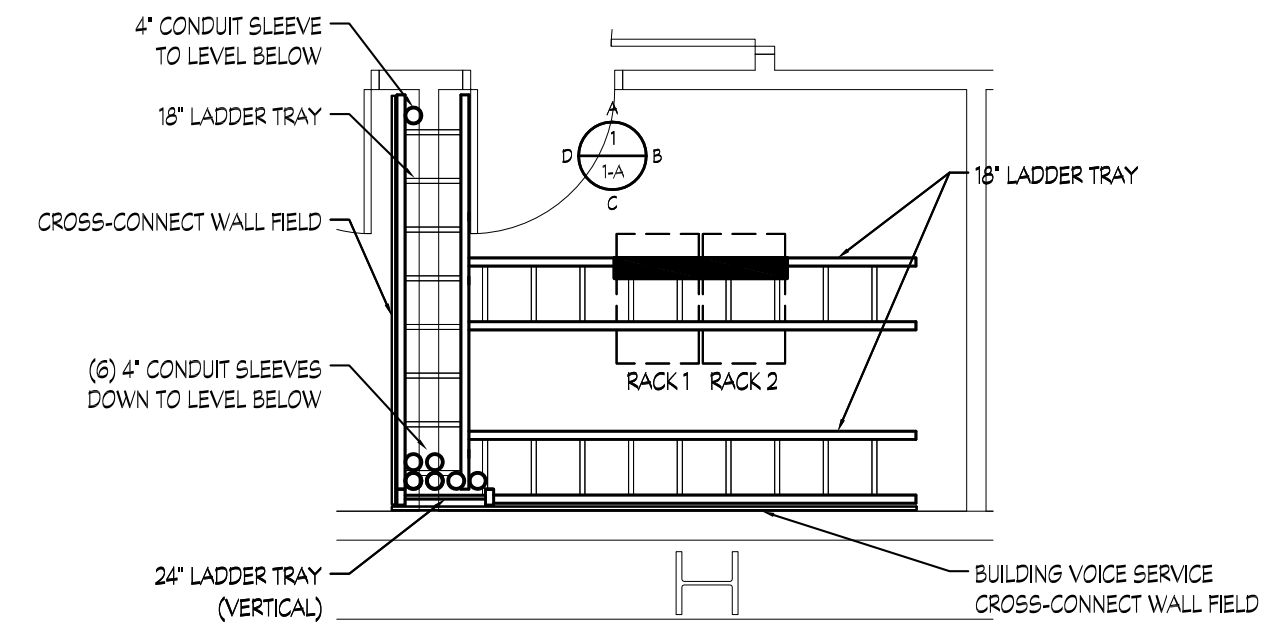
THIRD FLOOR TELEPHONE ROOM T359
RACK 2 DETAIL
SCALE: N.T.S.



THIRD FLOOR TELEPHONE ROOM T359
RACK 1 DETAIL
SCALE: N.T.S.



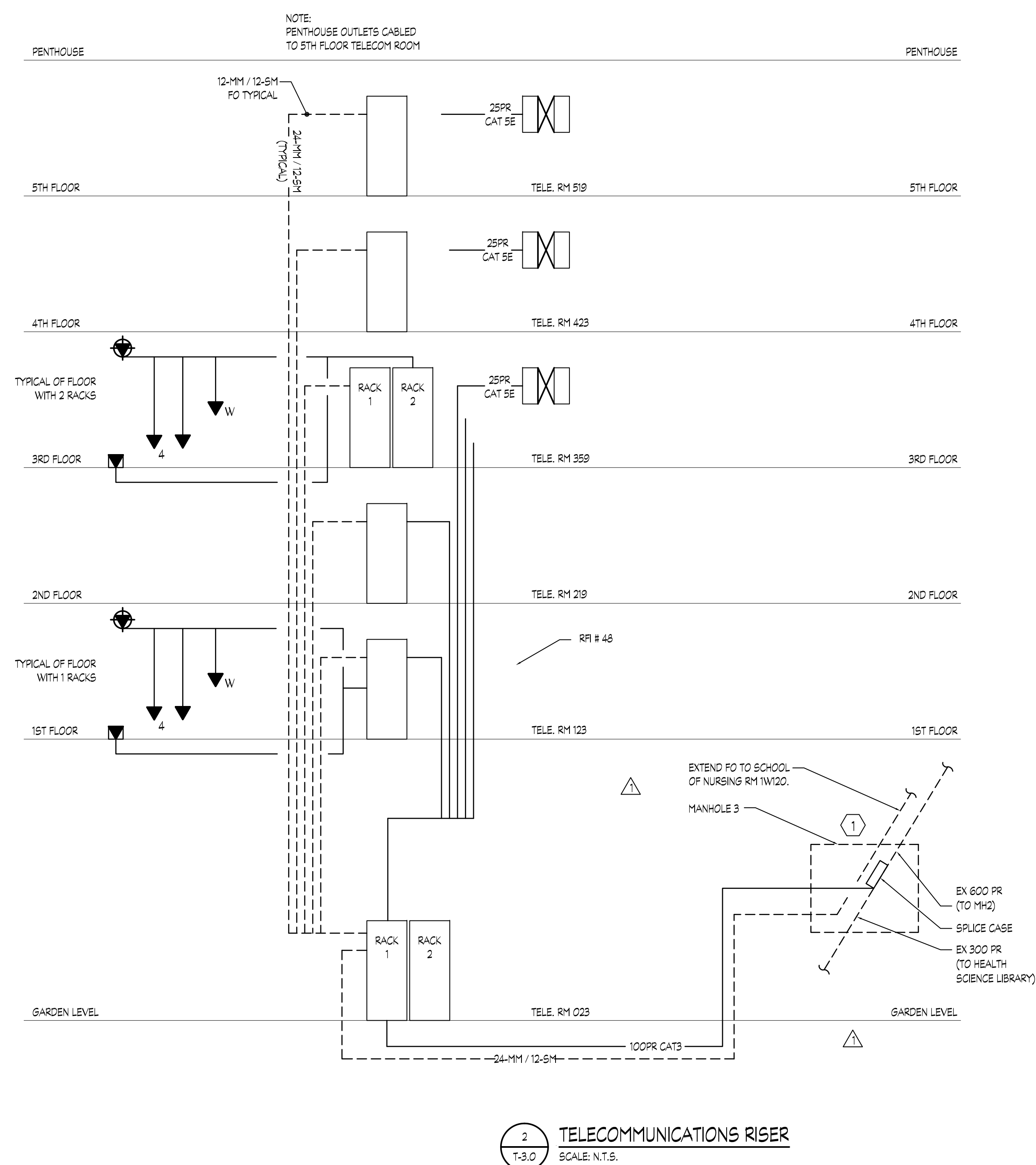
THIRD FLOOR TELEPHONE ROOM T359
ELEVATION
SCALE: 1/4" = 1'-0"



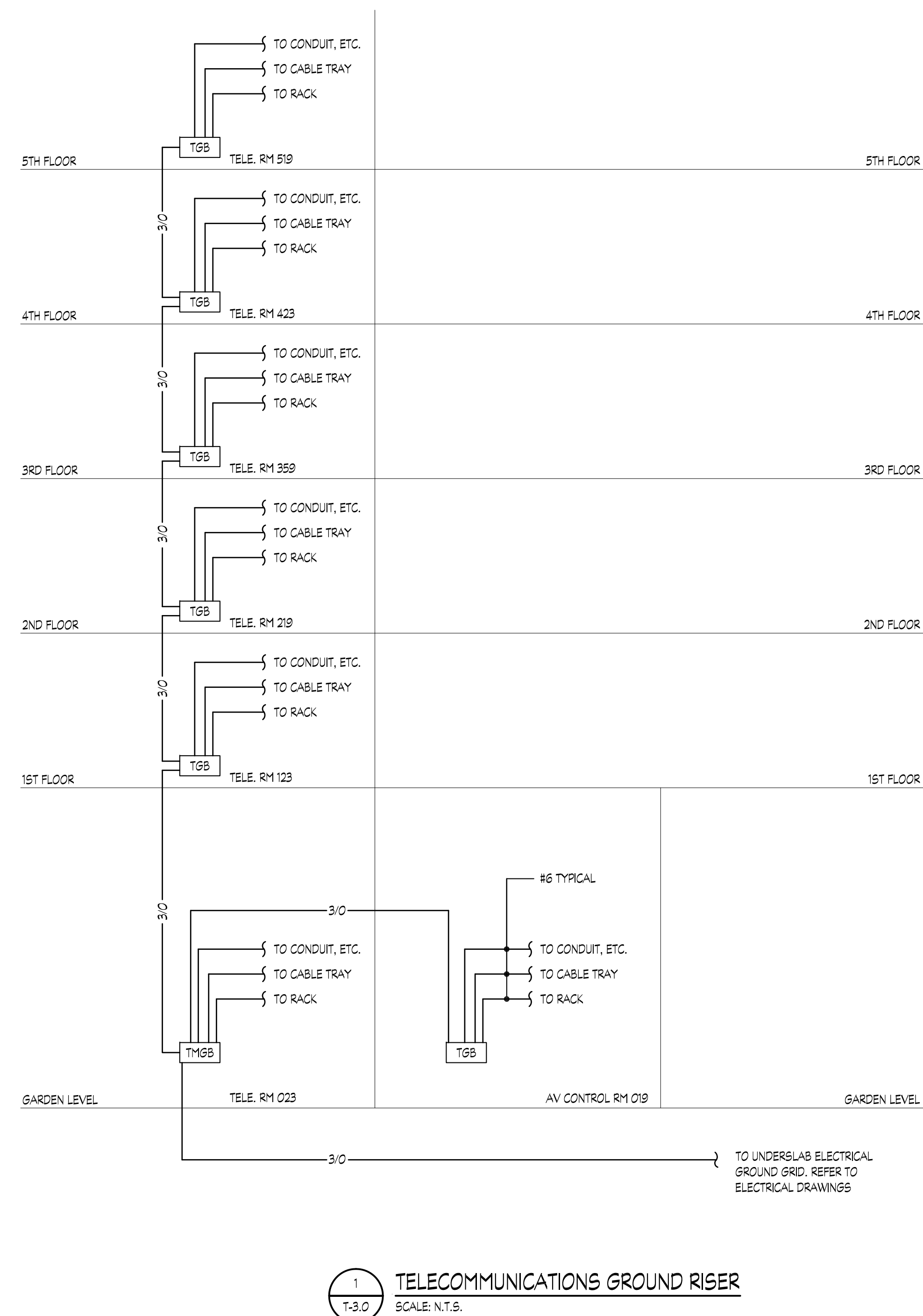
THIRD FLOOR TELEPHONE ROOM T359
PART PLAN
SCALE: 1/4" = 1'-0"

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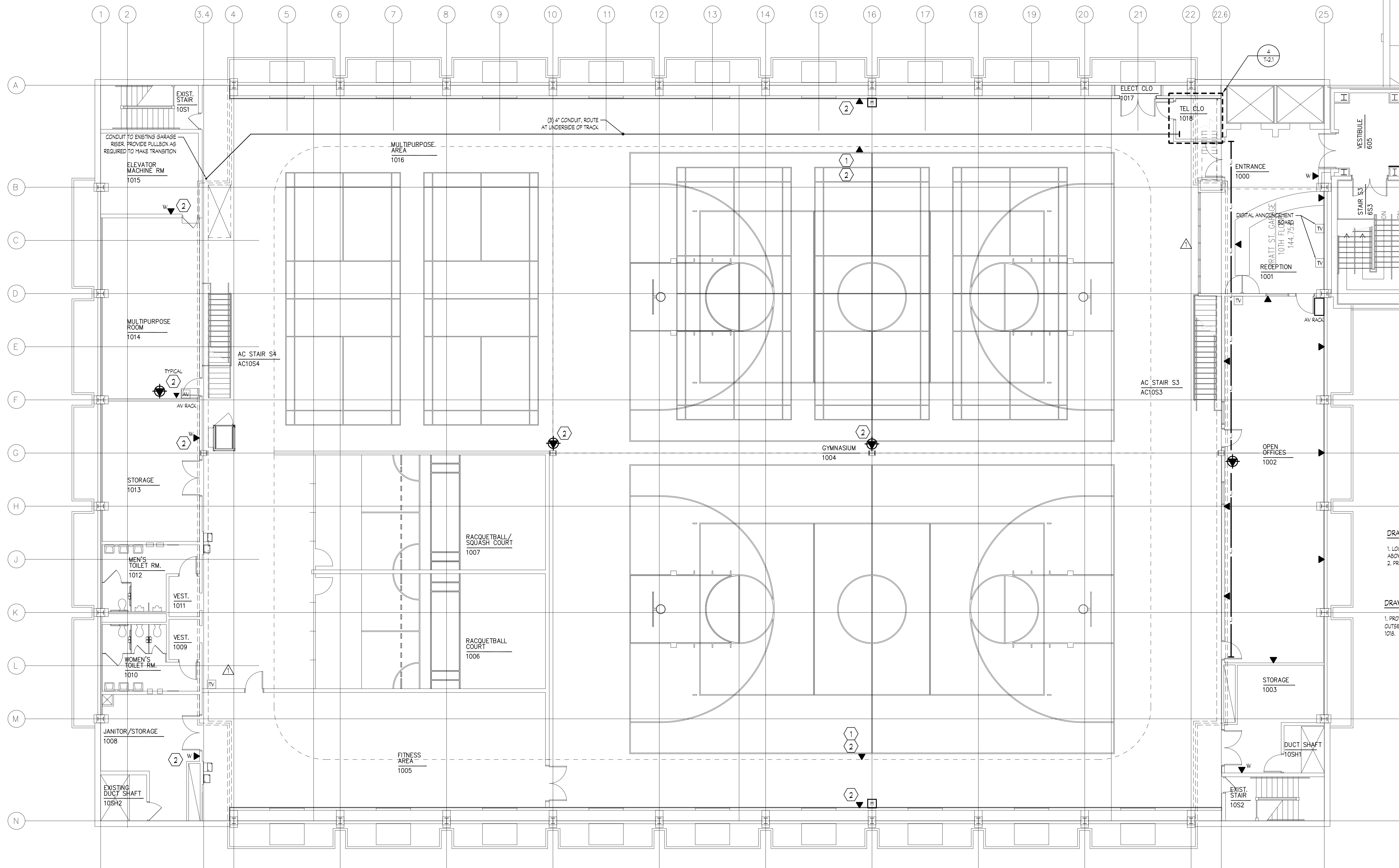
DRAWING NOTES:

REFER TO TD-11 FOR UMB DUCTBANK AND MANHOLE LOCATIONS. F/CABLE SHALL BE ROUTED FROM THE UCC TO THE CAMPUS MDF LOCATED IN SCHOOL OF NURSING ROOM 1W120 VIA MH 3, WEST TO MH 2 (CORNER OF LOMBARD/PENN), SOUTH (ALONG PENN) TO MH 14. THE ROUTE TURNS BACK NORTH AND EXTENDS TO THE SCHOOL OF NURSING VIA THE NEW MANHOLE (MH 21 OR 22) CONSTRUCTED IN THE ALLEY BEHIND THE SCHOOL OF NURSING. PROVIDE INDUCTANT AS REQUIRED AND OBTAIN UMB APPROVAL FOR CABLE SELECTIONS. UMB SHALL PROVIDE CONTRACTOR WITH EXACT RACK/PATCH PANEL TERMINATION LOCATION IN MDF 1W120.



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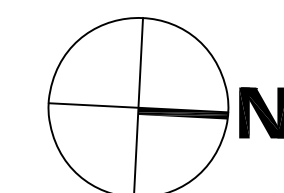


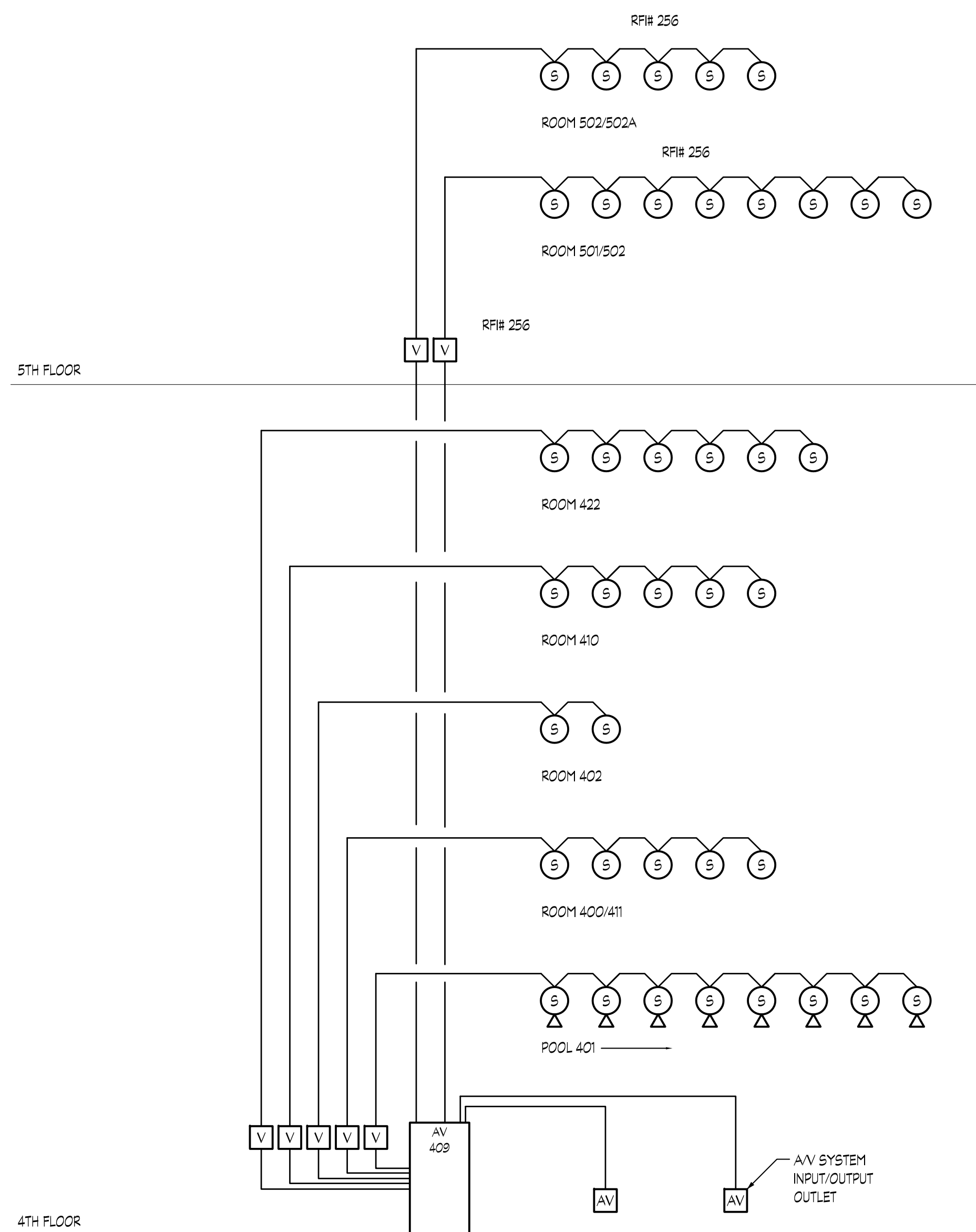
DRAWING NOTES: #

1. LOCATE OUTLET ON EDGE OF RUNNING TRACK ABOVE FOR DIGITAL SCOREBOARD BY OWNER.
2. PROVIDE CONDUIT FROM OUTLET TO RY 108.

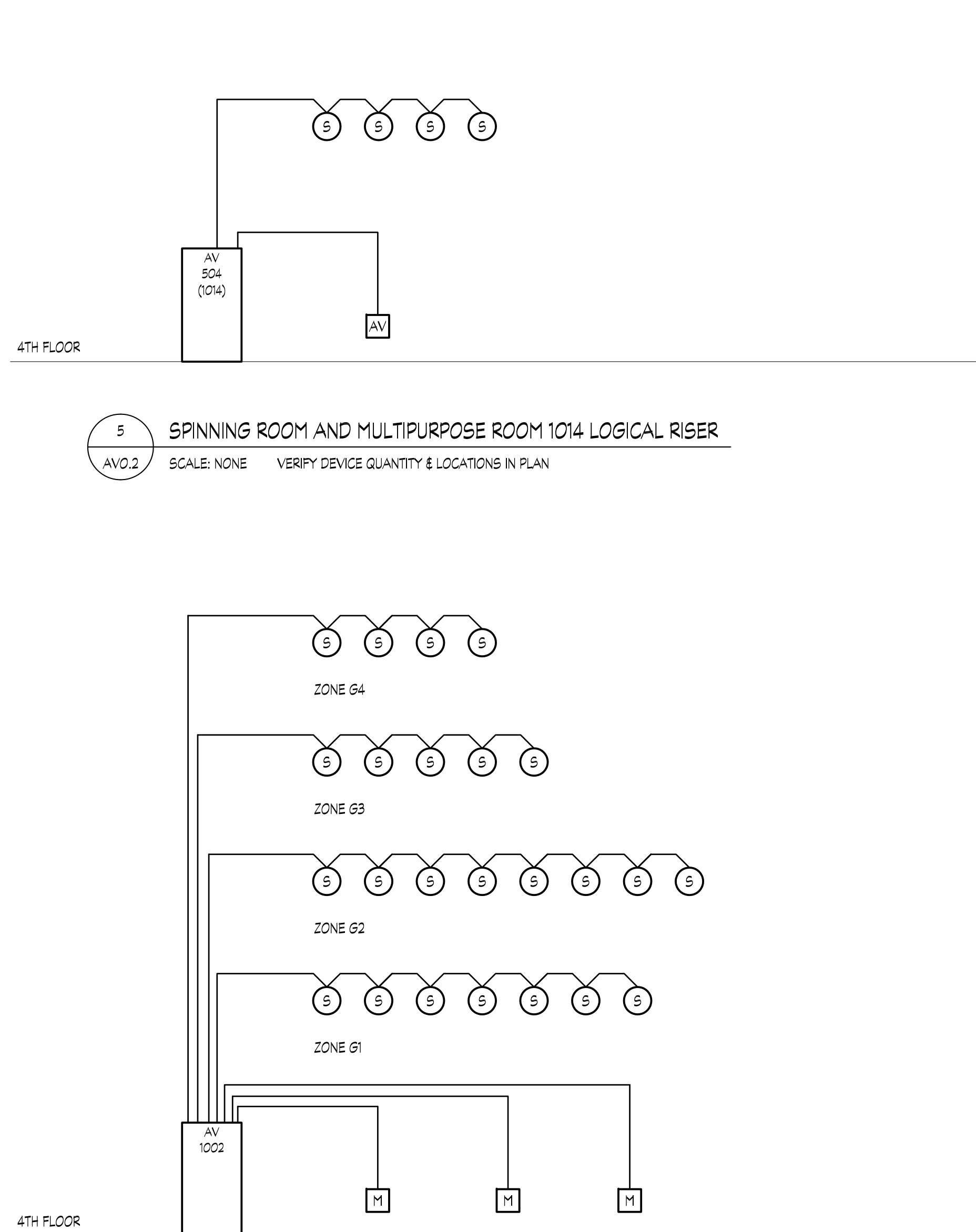
DRAWING NOTES:

1. PROVIDE CONDUIT FROM ALL OUTLET LOCATIONS OUTSIDE OF ROOMS 1000, 1001, 1002 & 1003 TO ROOM 1018.

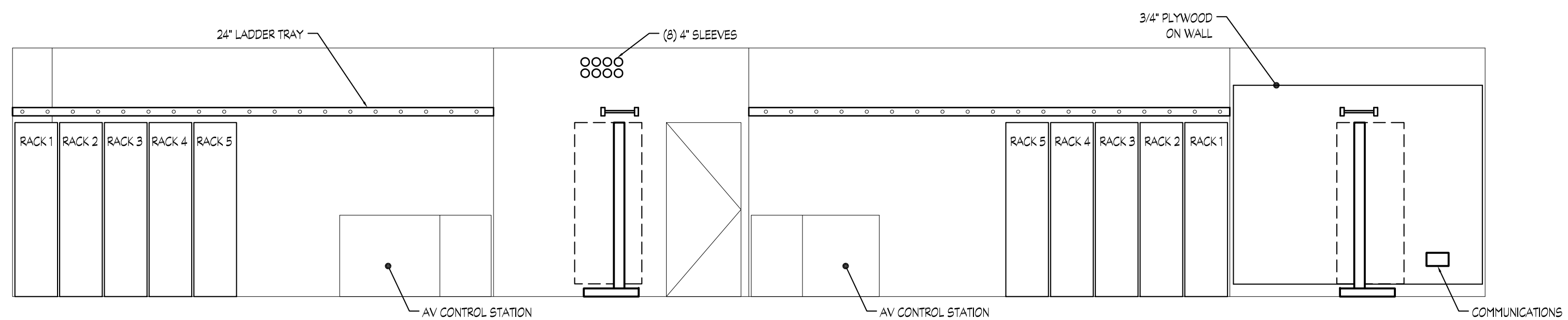
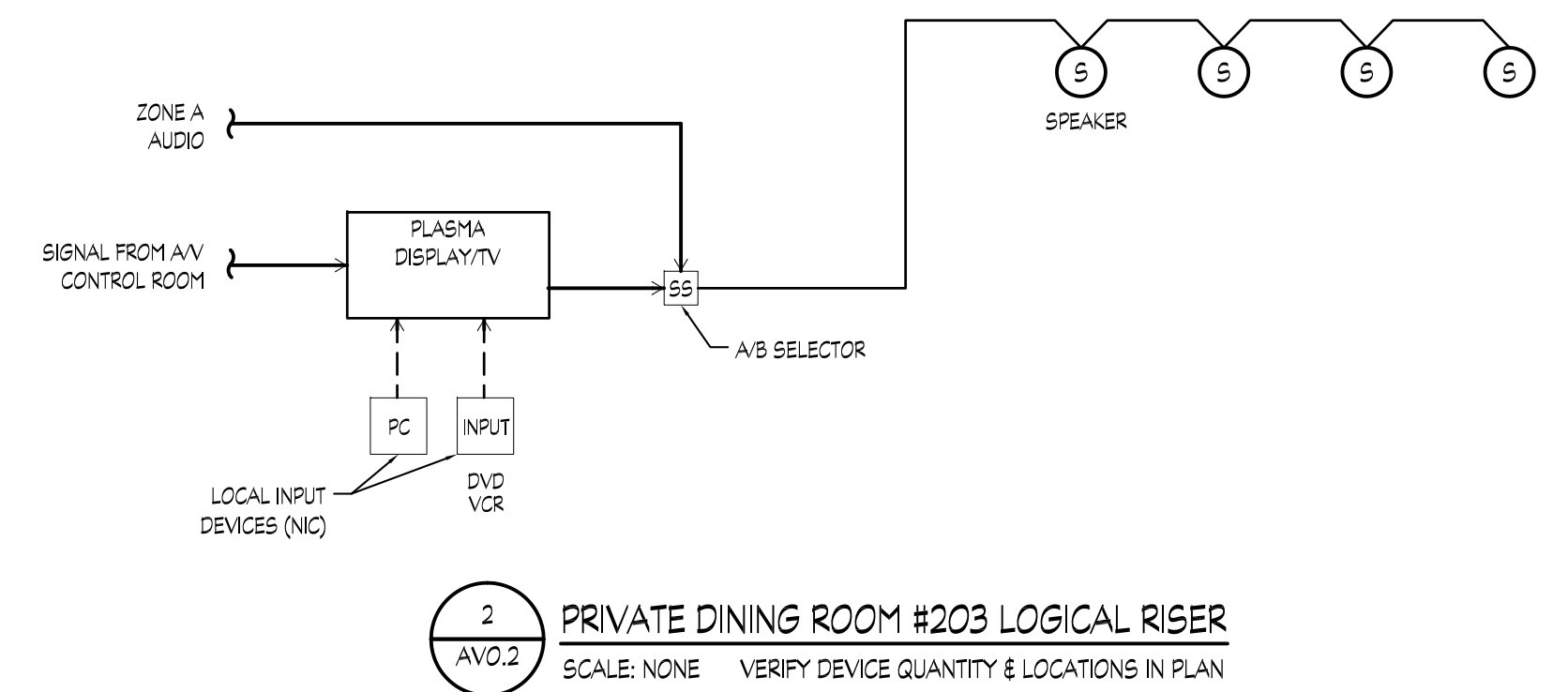
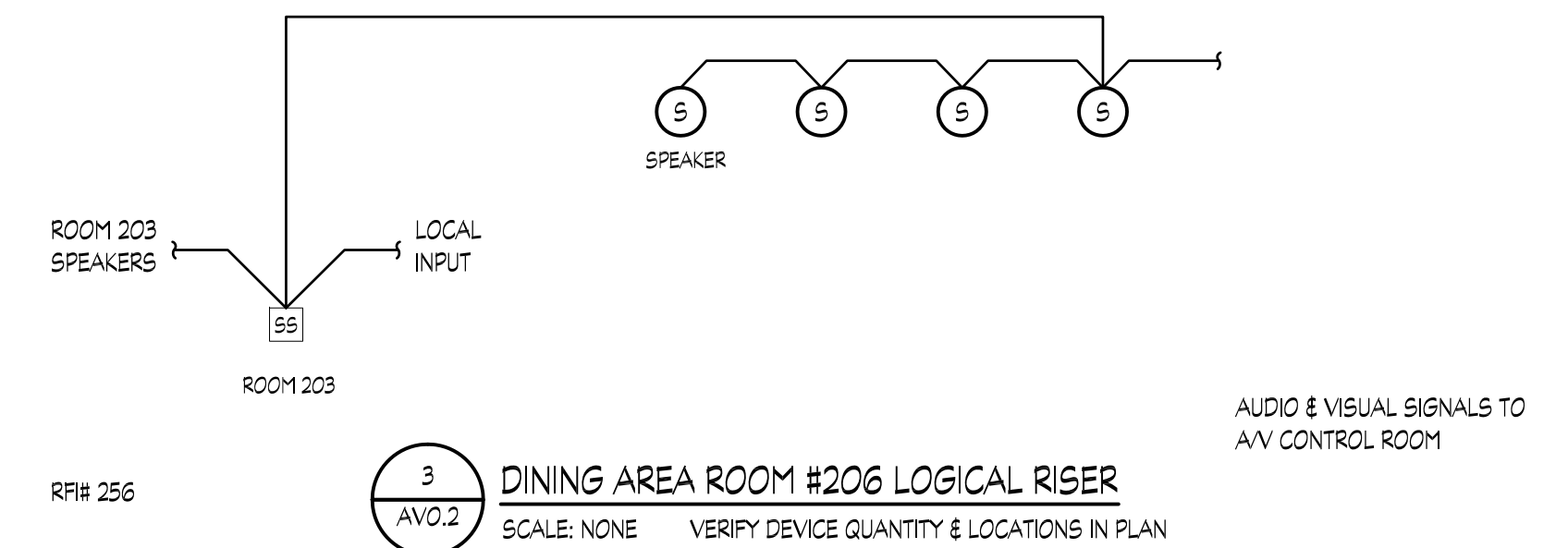




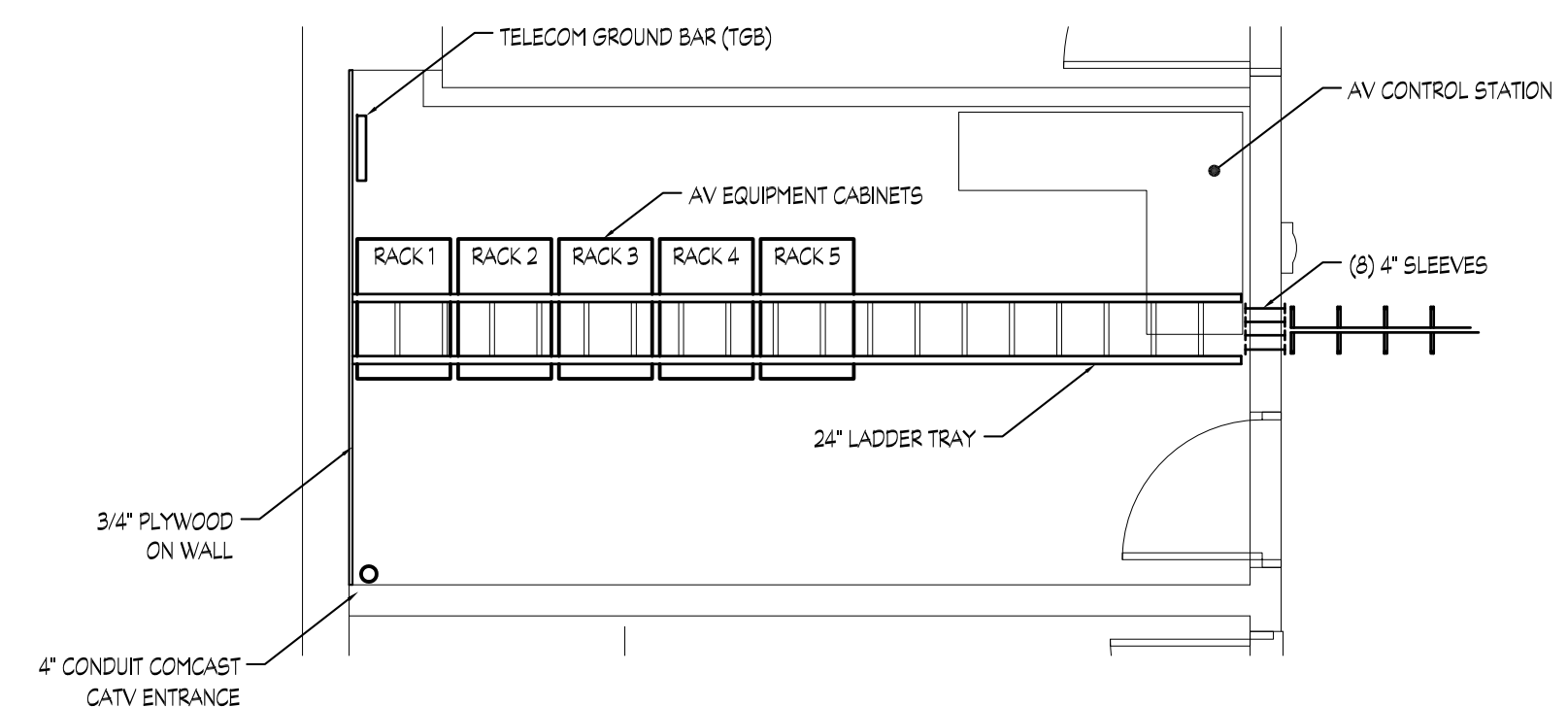
6 POOL AREA / FITNESS CENTER AUDIO RISER
AV0.2 SCALE: NONE VERIFY DEVICE QUANTITY & LOCATIONS IN PLAN



4 GYM ROOM 1004 CENTER AUDIO RISER
AV0.2 SCALE: NONE VERIFY DEVICE QUANTITY & LOCATIONS IN PLAN



1-A AV CONTROL ROOM ELEVATION
AV0.2 SCALE: 1/4" = 1'-0"



1 AV CONTROL ROOM PART PLAN
AV0.2 SCALE: 1/4" = 1'-0"

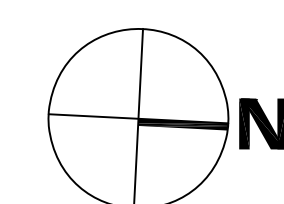
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1 AUDIO VISUAL GARDEN LEVEL PLAN
1/8" = 1'-0"

0 4' 8' 16'



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3 01/28/10 Record Drawing
2 12/10/08 Bulletin #82
1 06/08/08 Bulletin #49
0 05/02/07 For Construction
Rev. Date: Comment:
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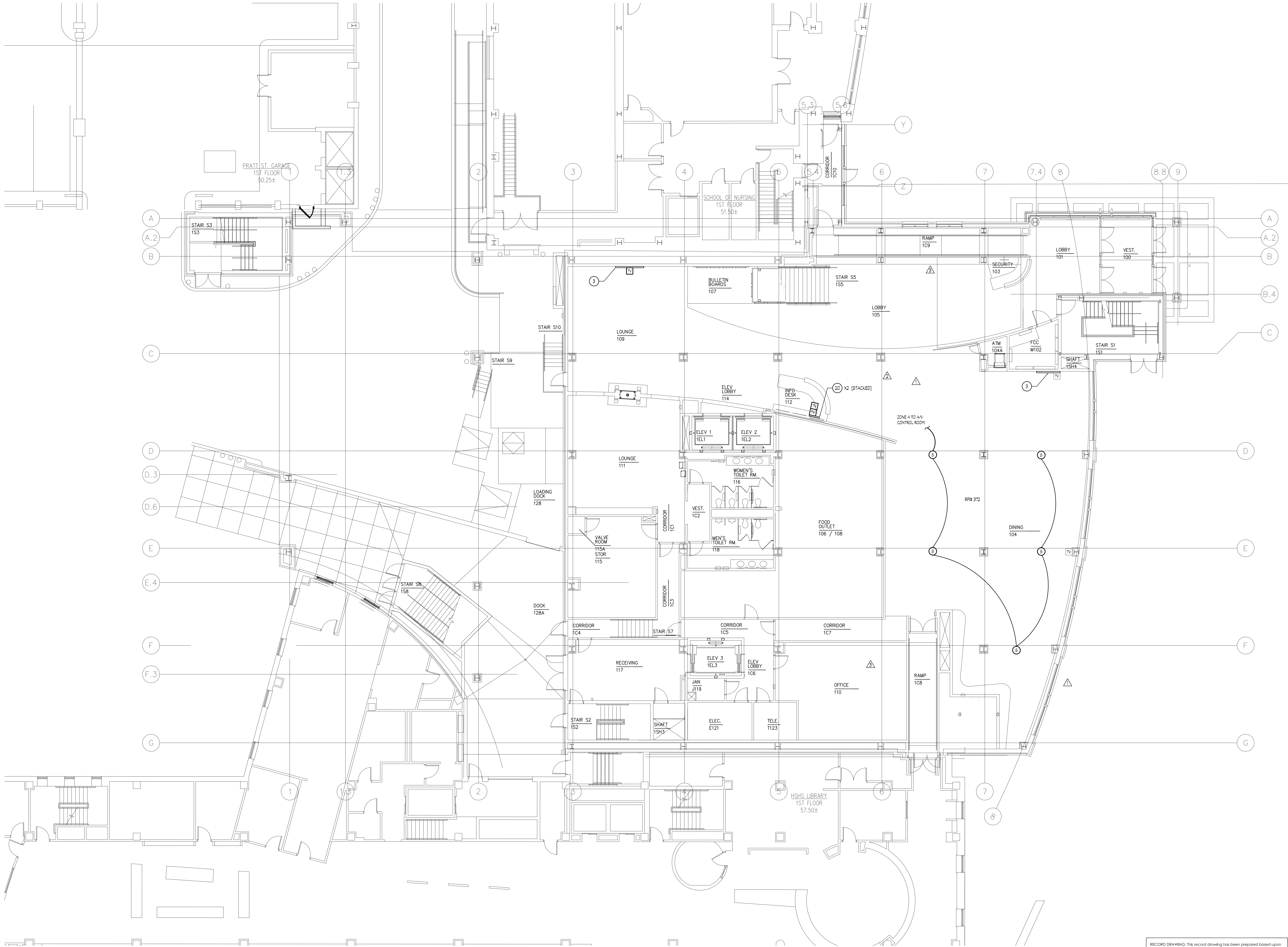


Audio
Visual-
Garden
Level
Plan

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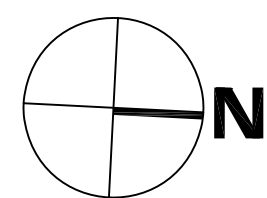
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AV1.0



1 AUDIO VISUAL FIRST FLOOR PLAN
1/8" = 1'-0"

0 4' 8' 16'



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2 07/29/08 Bulletin #83
1 06/06/08 Bulletin #49
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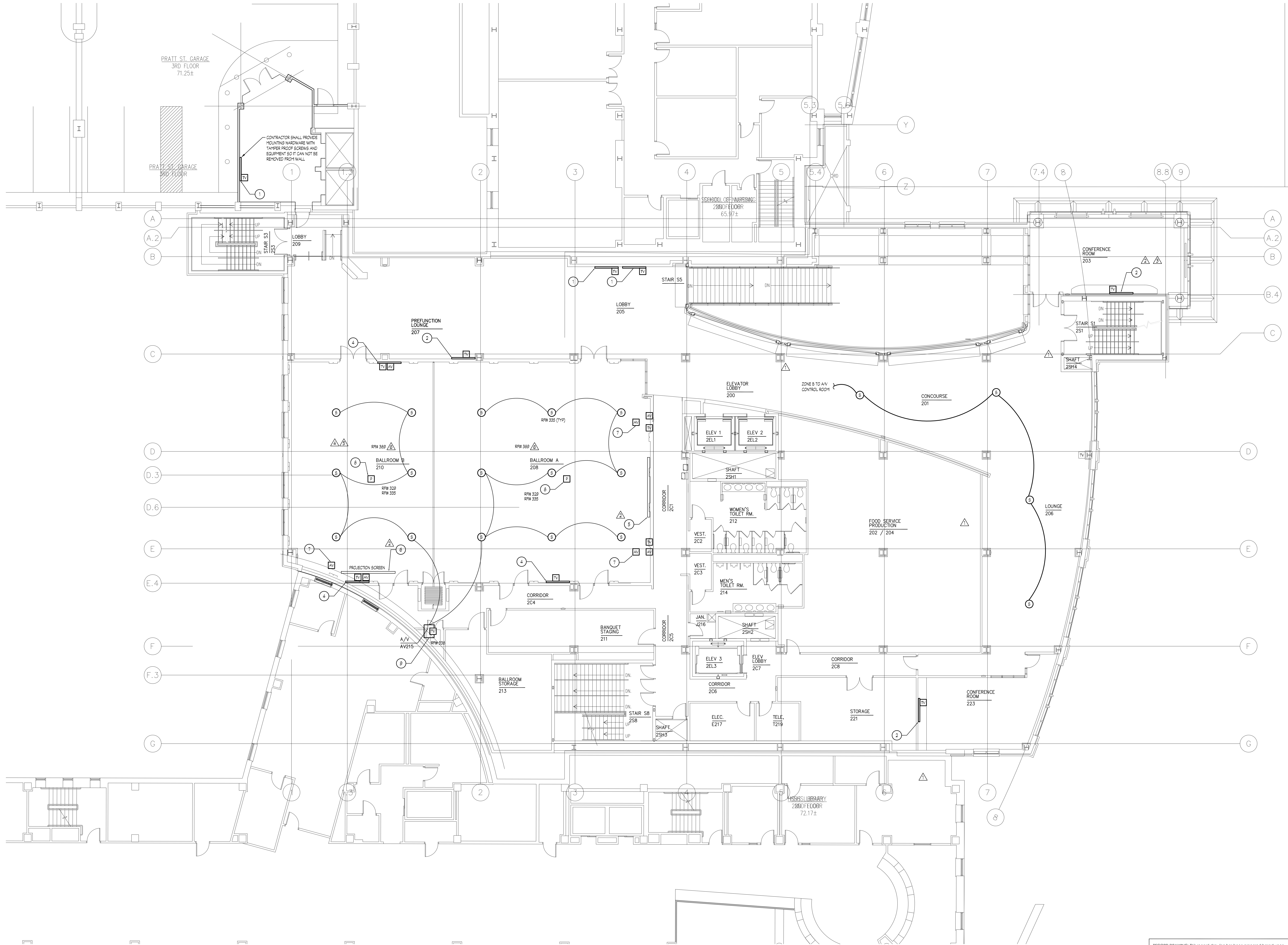


Audio
Visual-
First Floor
Plan

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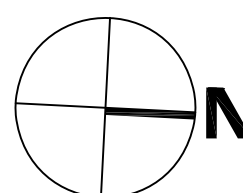
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1 AUDIO VISUAL SECOND FLOOR PLAN
1/8" = 1'-0"

0 4' 8' 16'



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01/29/10	Record Drawing
01/26/09	Bulletin #91
01/26/09	Bulletin #90
01/10/09	Bulletin #85
07/29/08	Bulletin #53
07/21/08	Bulletin #52
05/09/08	Plan Revisions
05/02/07	For Construction
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**Audio Visual-
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AV1.2

01/29/10	Record Drawing
01/26/09	Bulletin #91
01/25/09	Bulletin #90
01/10/09	Bulletin #85
10/20/08	Bulletin #69
05/02/07	For Construction

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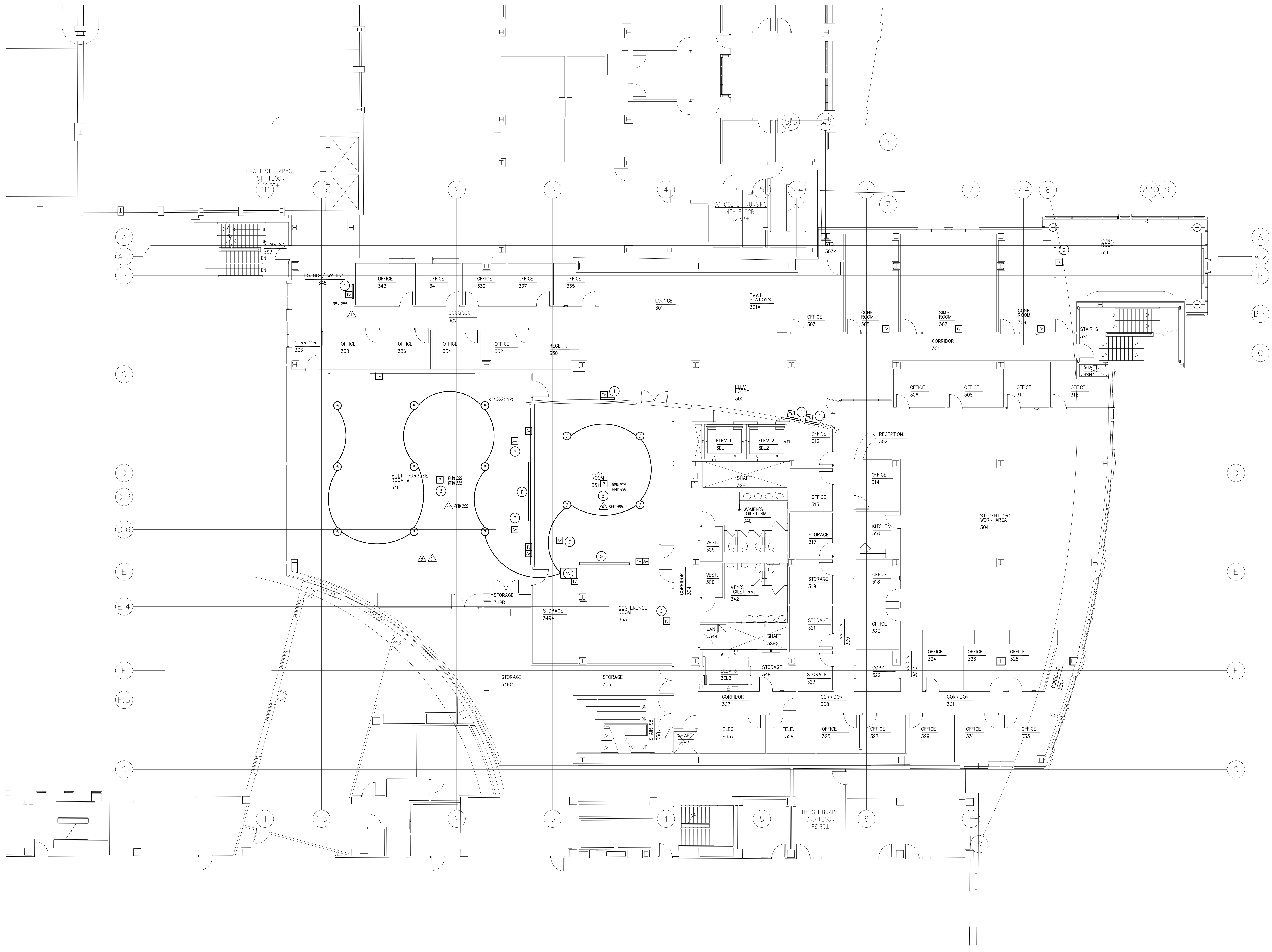


Audio
Visual-
Third
Floor
Plan

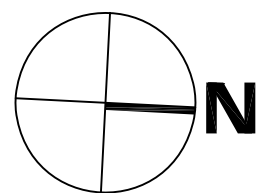
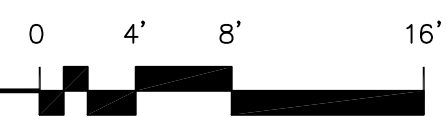
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AV1.3

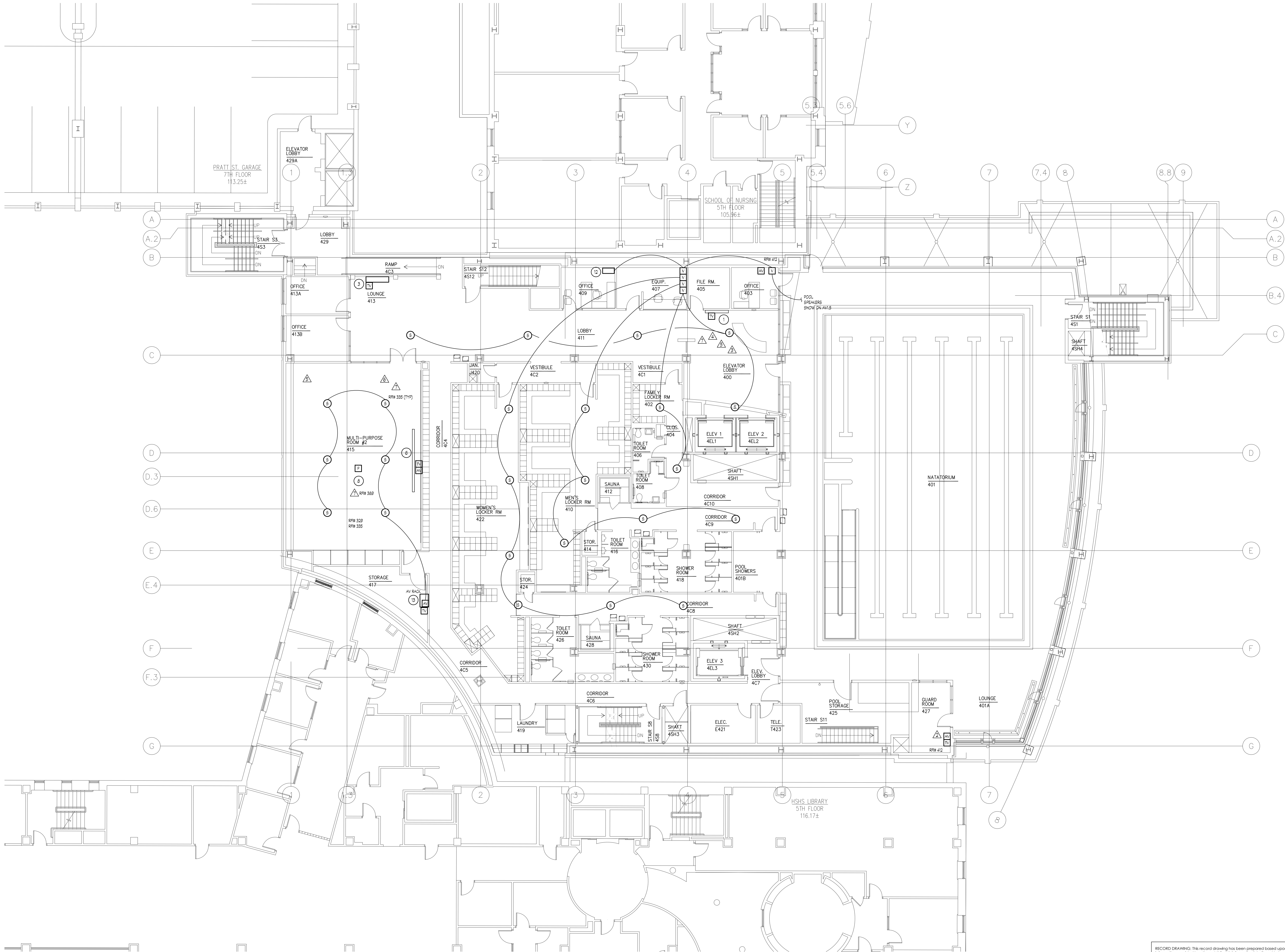


1 AUDIO VISUAL THIRD FLOOR PLAN
1/8" = 1'-0"



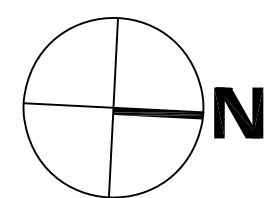
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1 AUDIO VISUAL FOURTH FLOOR PLAN
1/8" = 1'-0"

0 4' 8' 16'



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8 01/29/10 Record Drawing
7 01/26/09 Bulletin #31
6 01/10/09 Bulletin #25
5 12/10/08 Bulletin #22
4 10/20/08 Bulletin #19
3 07/21/08 Bulletin #15
2 06/06/08 Bulletin #14
1 01/16/08 Bulletin #13
0 05/02/07 For Construction
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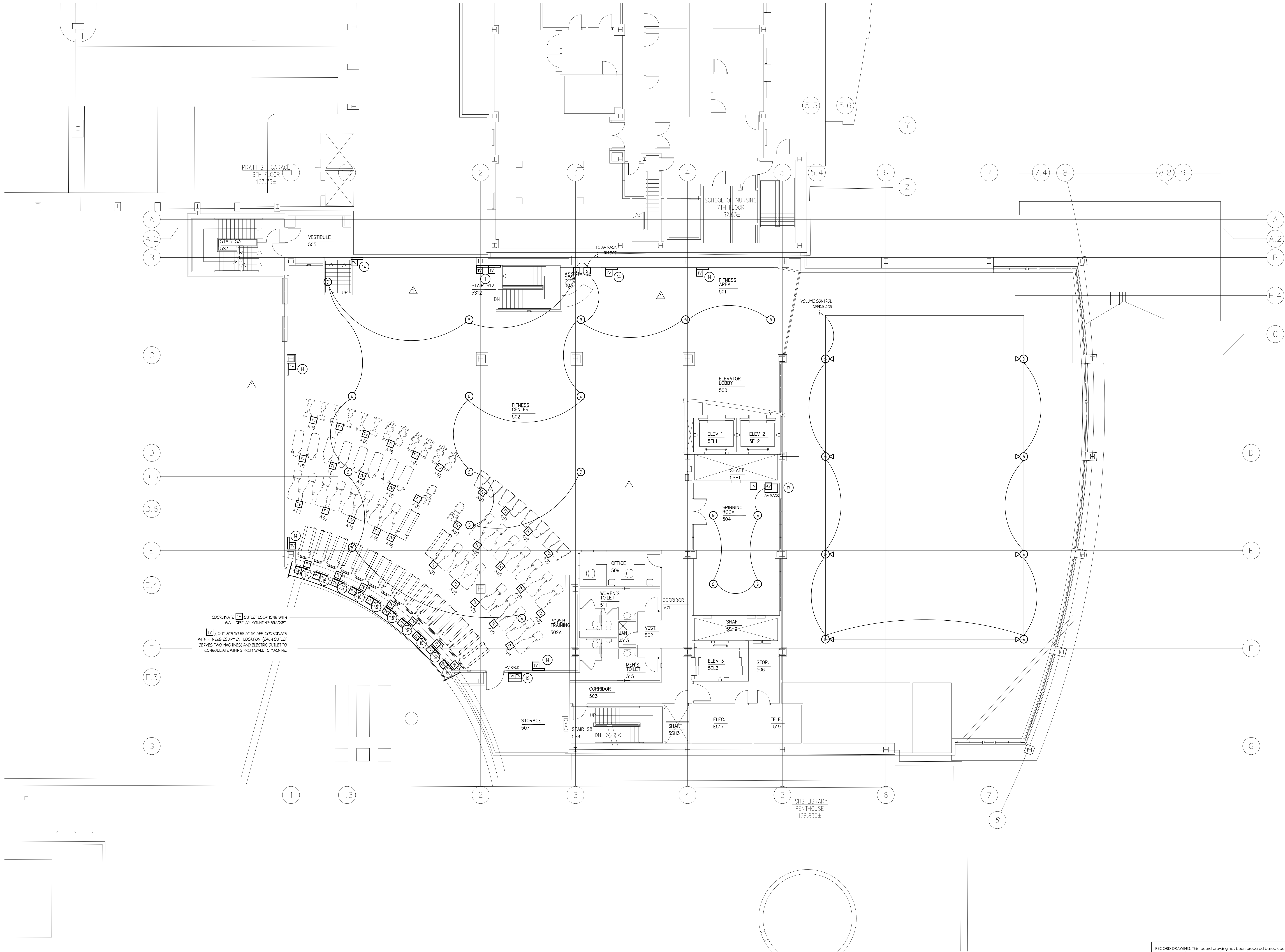


Audio
Visual-
Fourth
Floor
Plan

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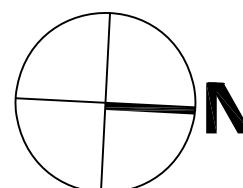
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AV1.4



1 AUDIO VISUAL FIFTH FLOOR PLAN
1/8" = 1'-0"

0 4' 8' 16'



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2 01/29/10 Record Drawing
1 07/16/08 Bulletin #19
0 05/02/07 For Construction
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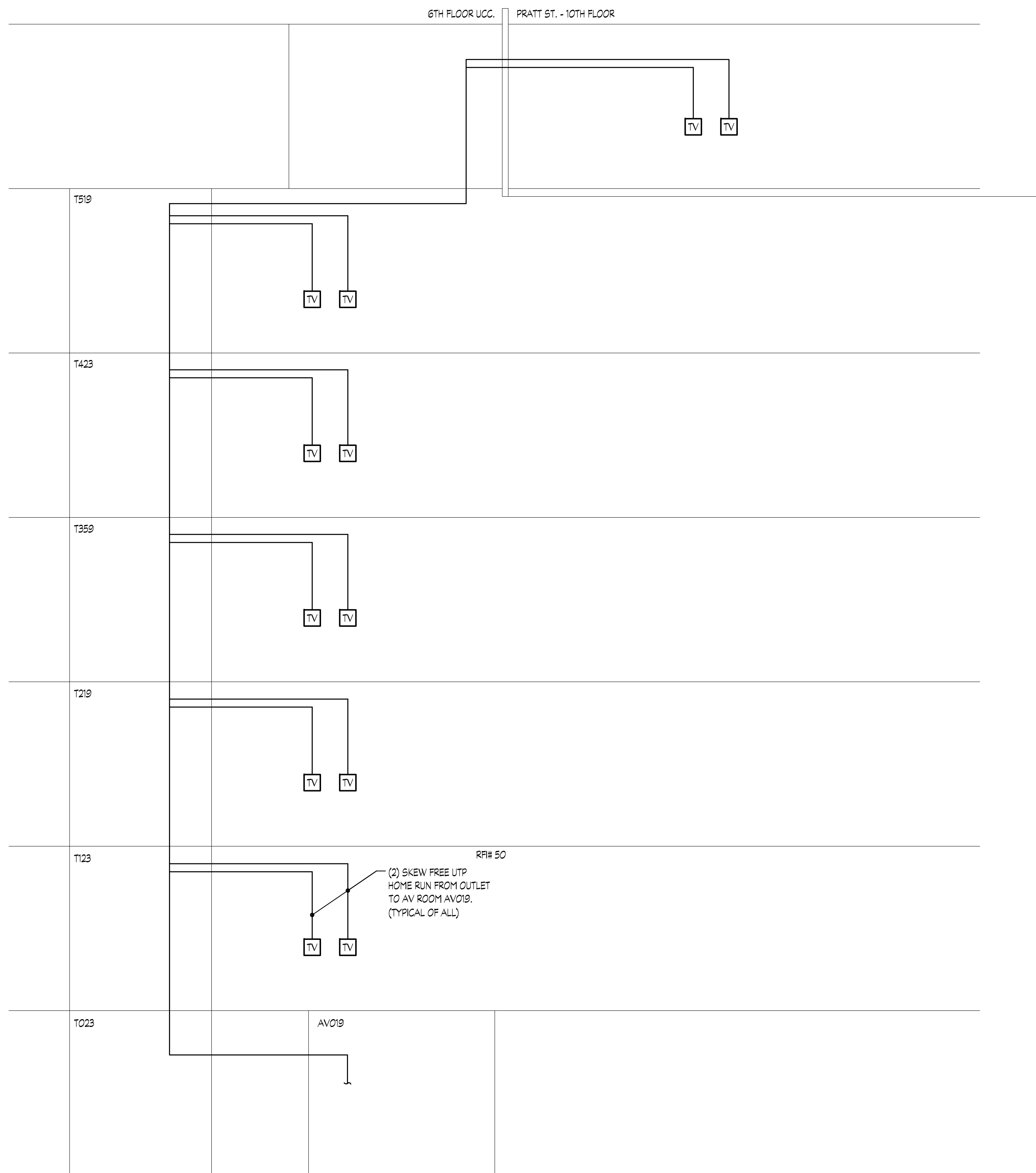
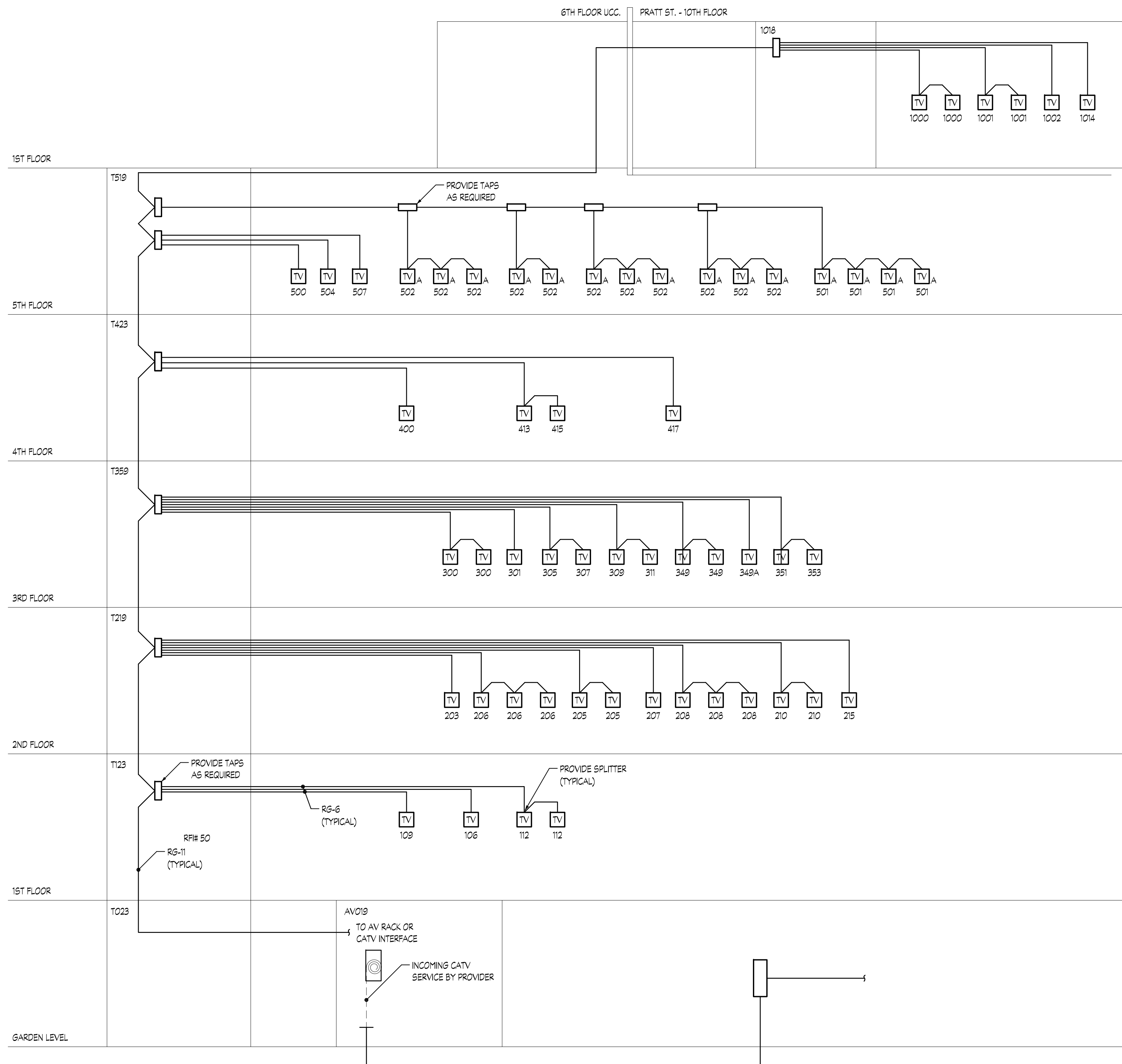
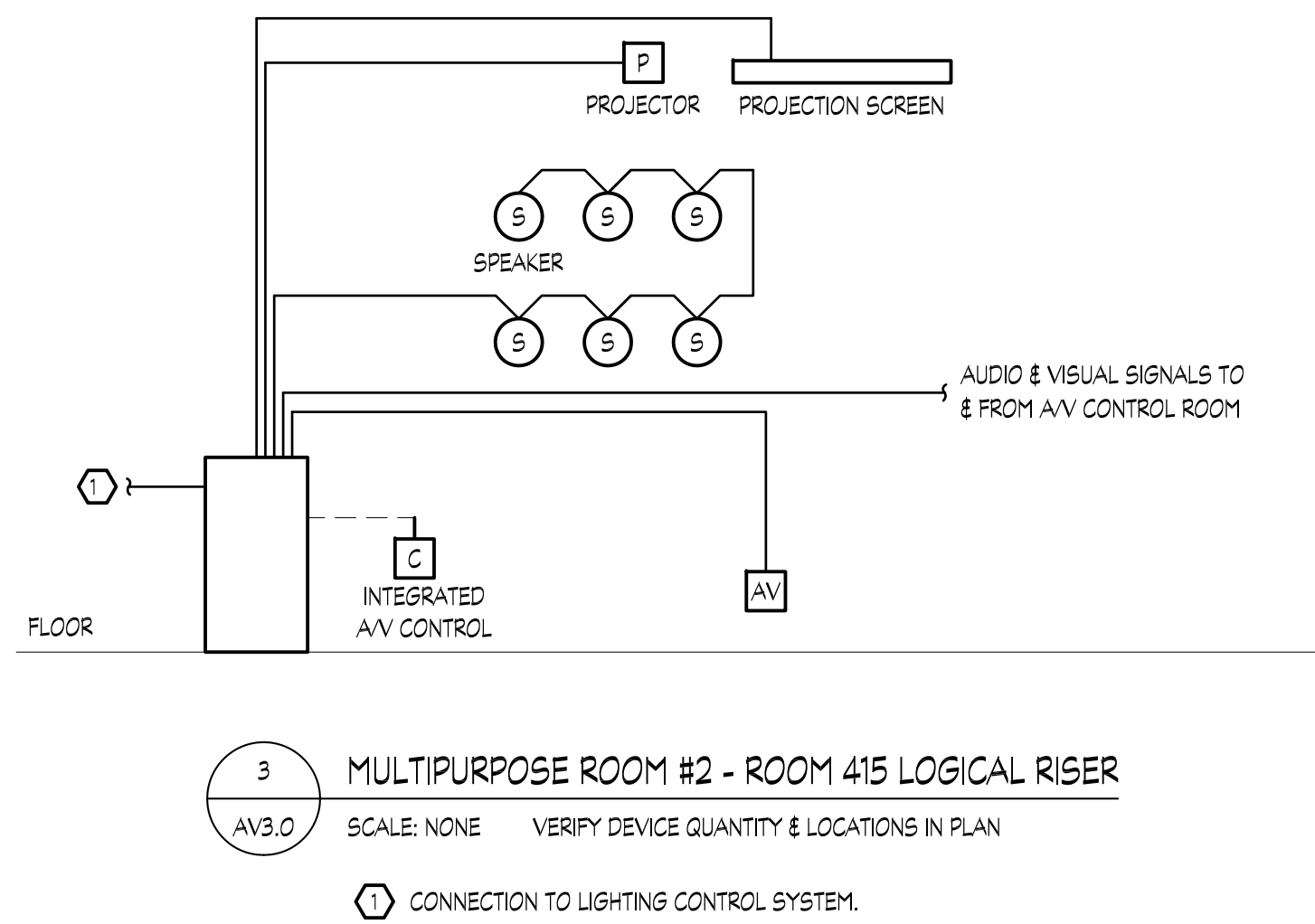
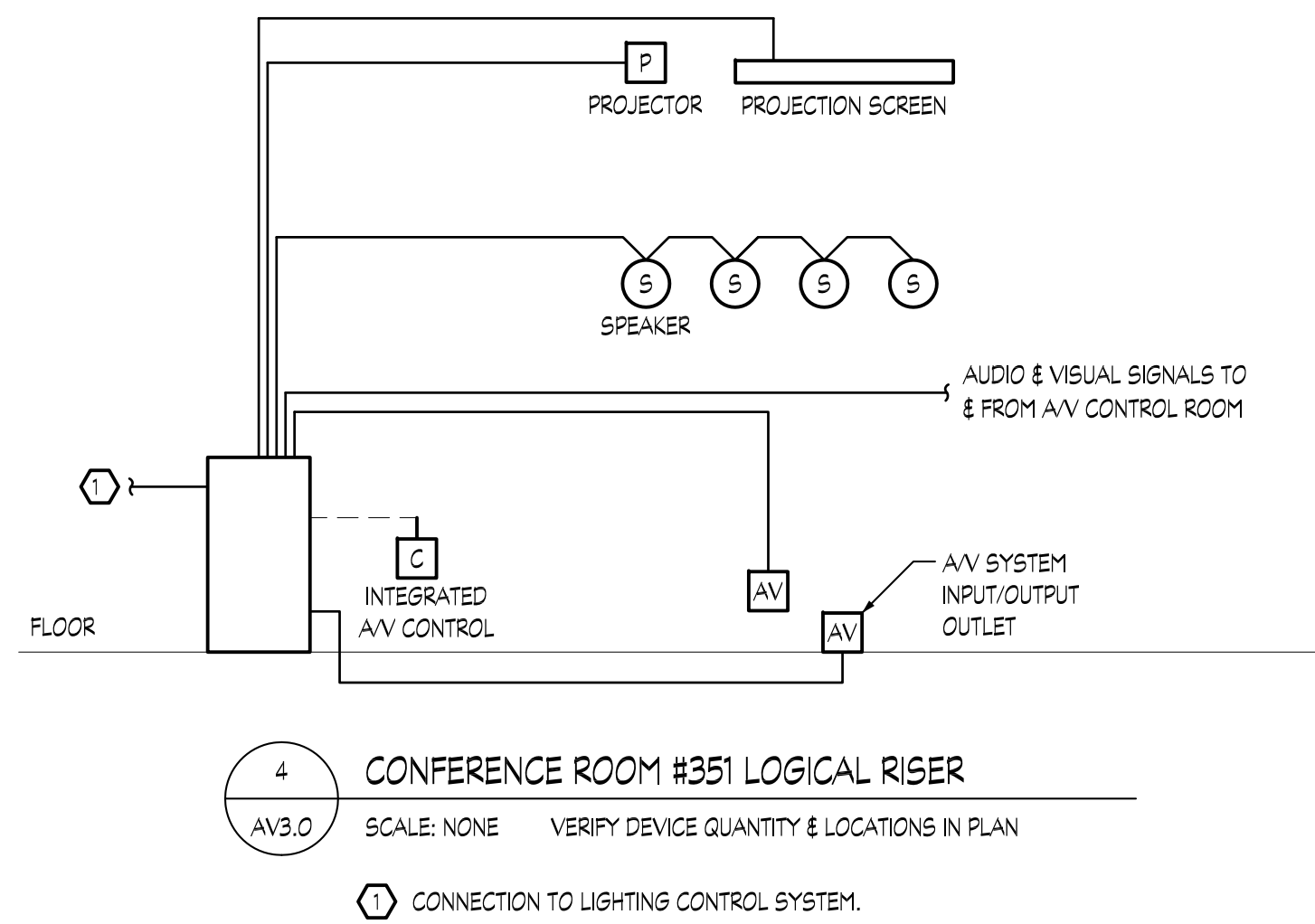
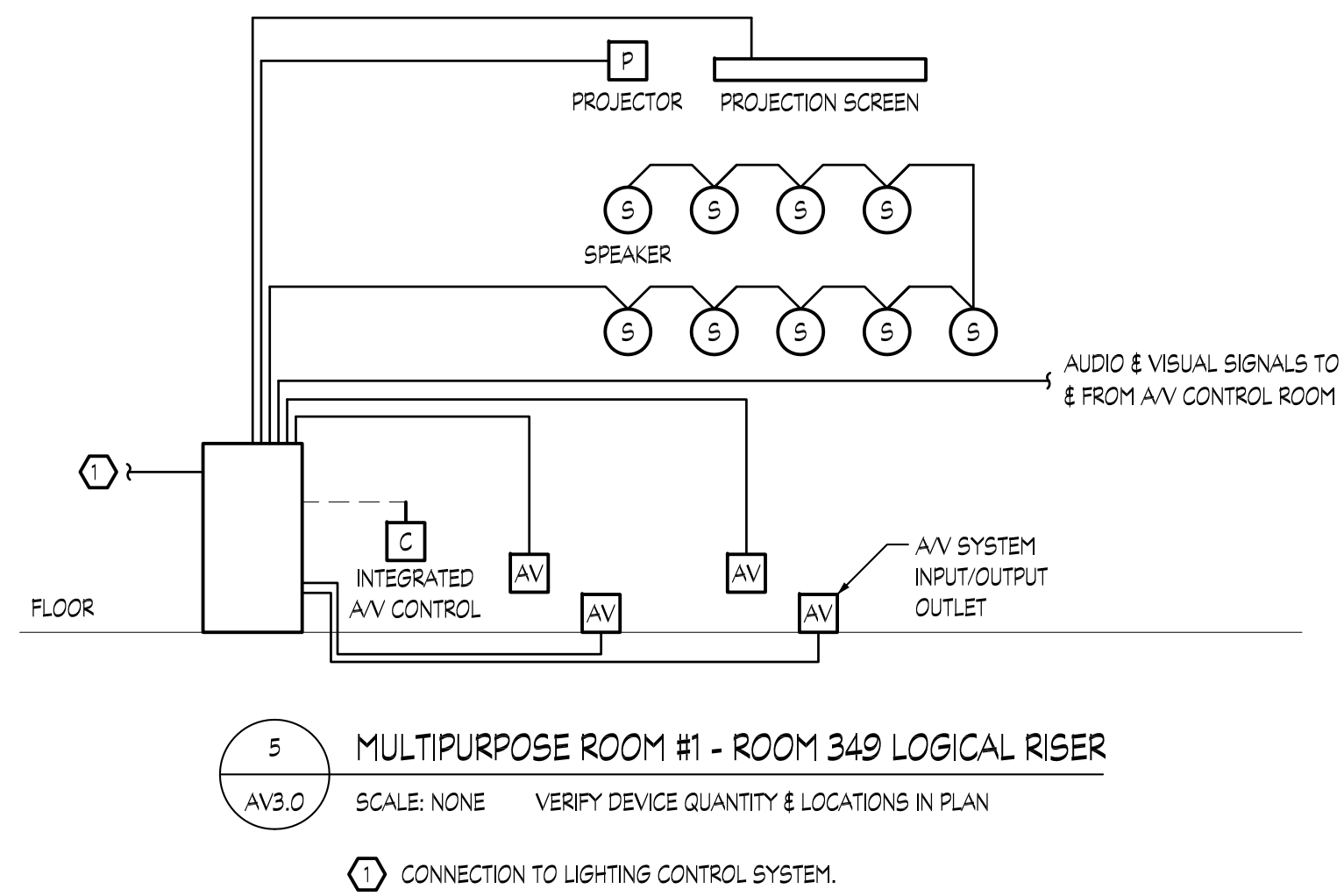
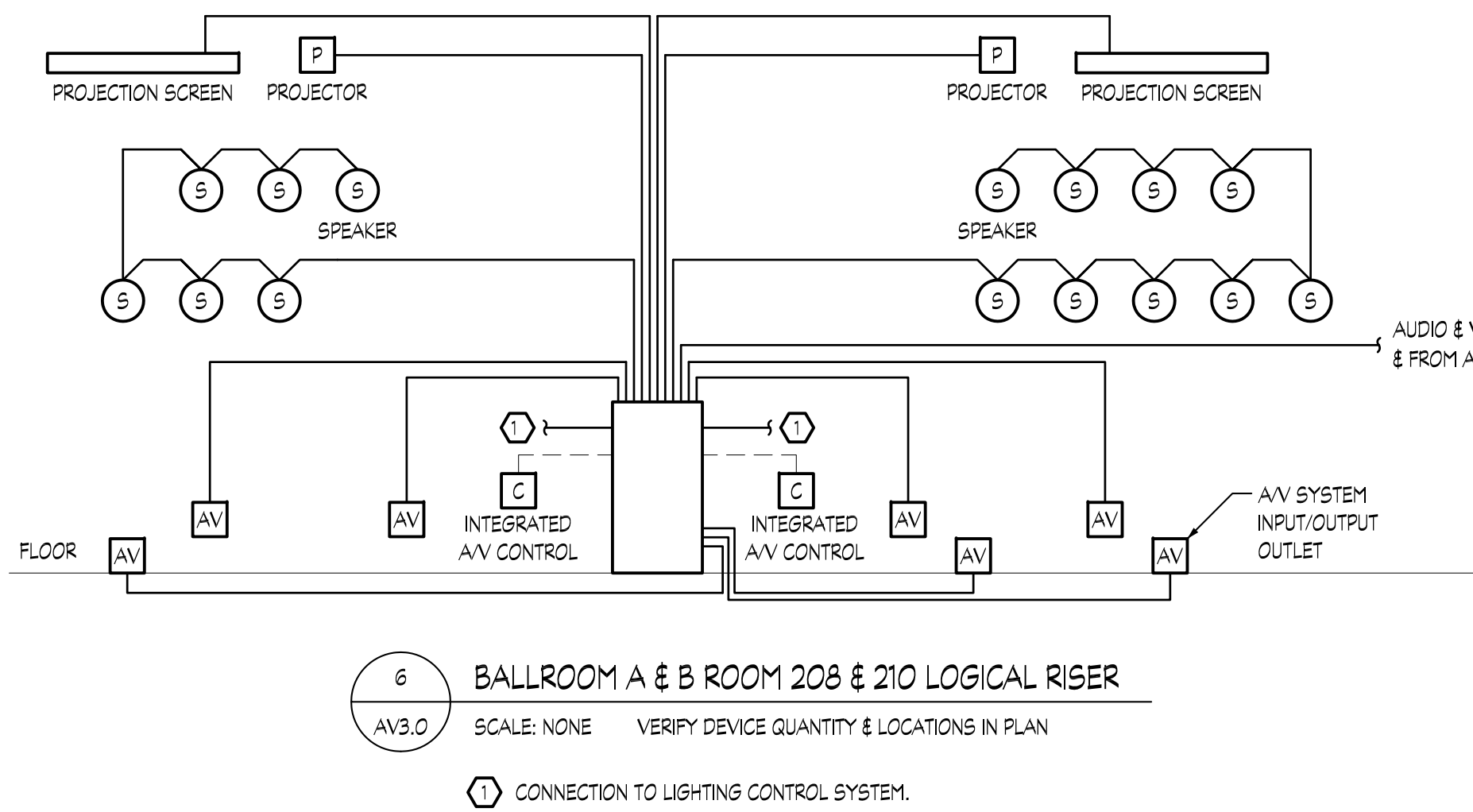


Audio
Visual-
Fifth
Floor
Plan

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2 01/29/10 Record Drawing
 1 07/25/09 Bulletin #89
 0 05/02/07 For Construction
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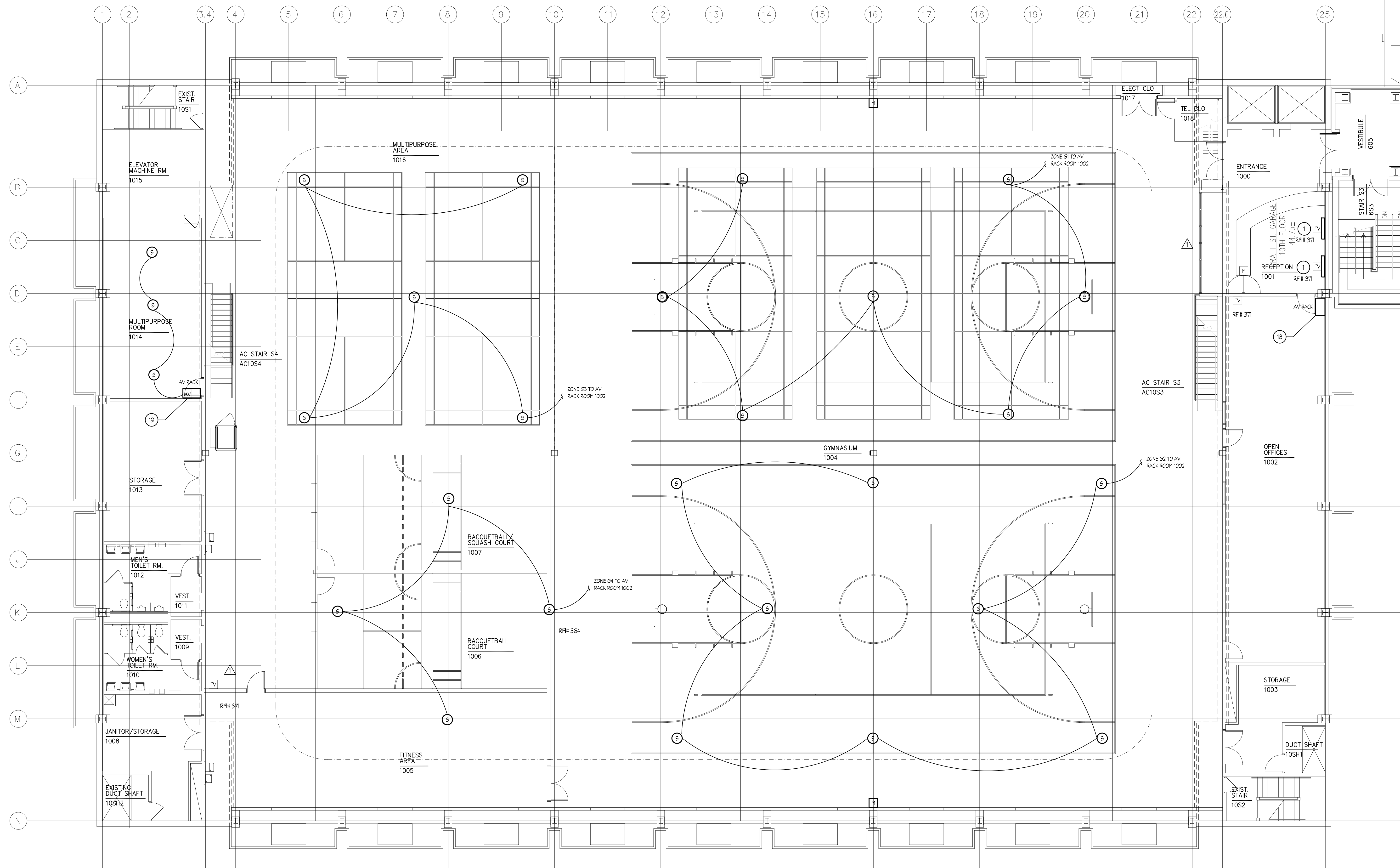
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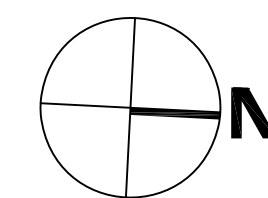
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AV3.0



1 AUDIO VISUAL 10TH FLOOR PLAN - ATHLETIC CENTER
1/8" = 1'-0"

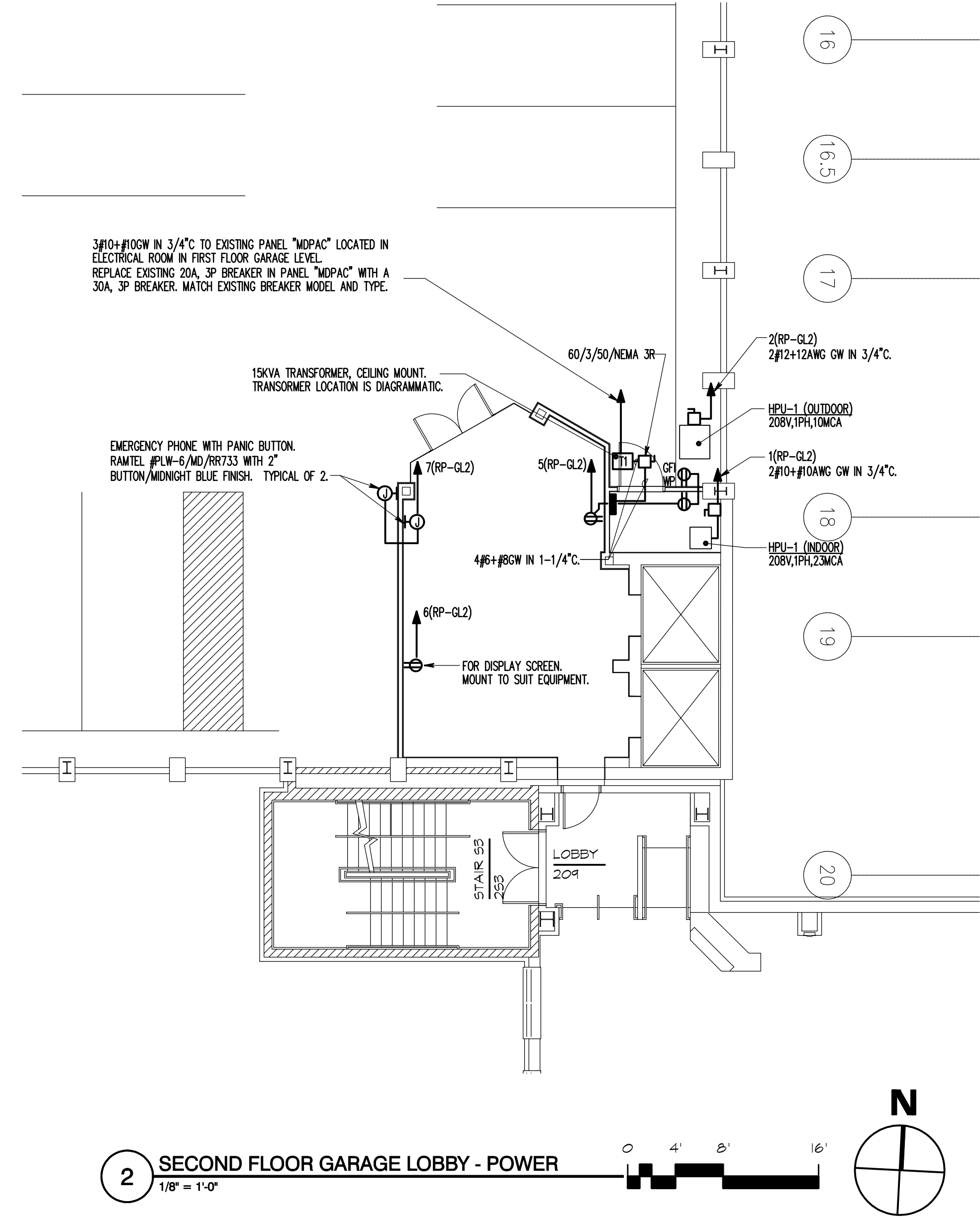
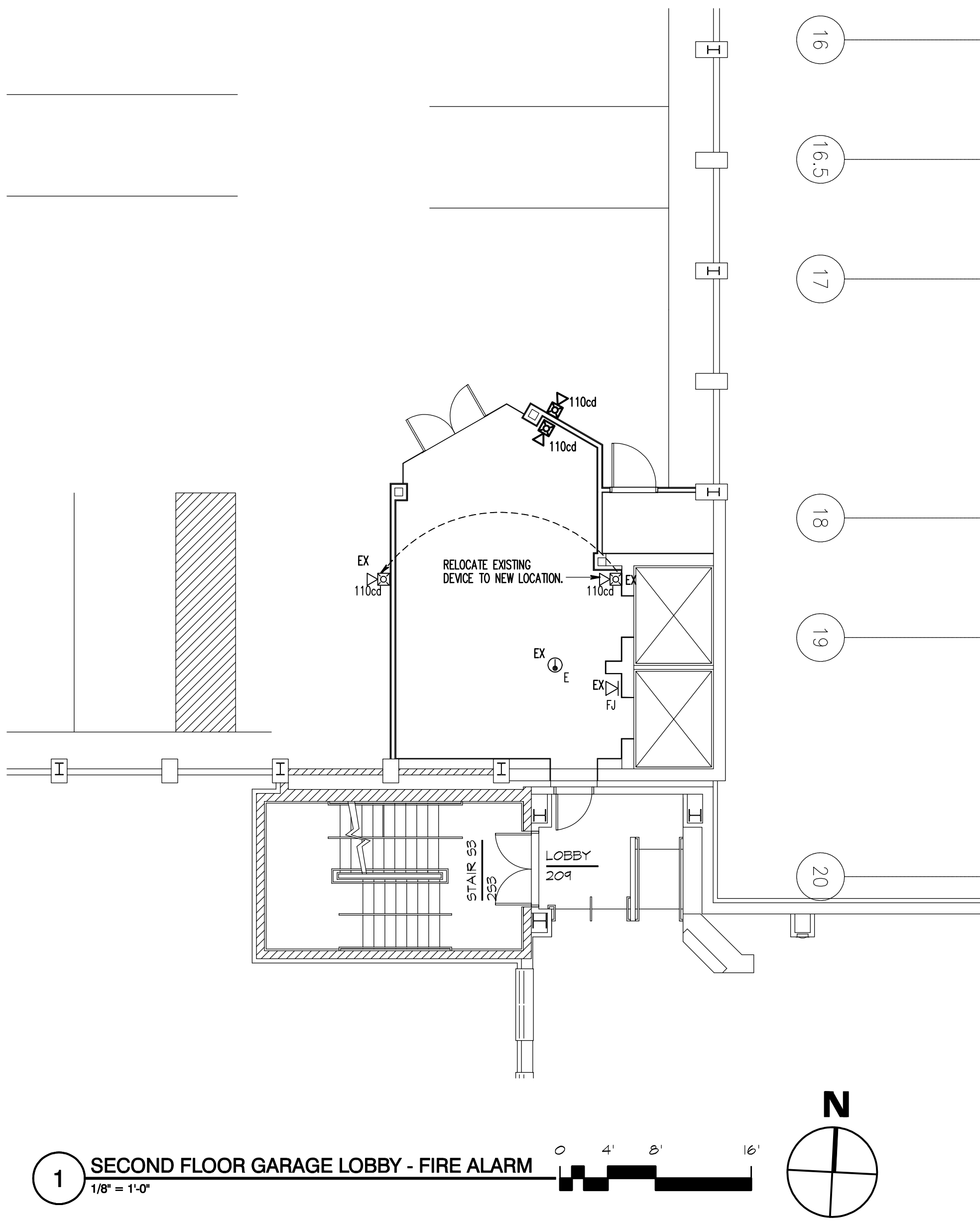
0 4' 8' 16'



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PANELBOARD - RP-GL2										MAIN CAPACITY: 100A MAIN TYPE: MLO SERVICE: 3 PHASE, 4 WIRE, 208Y/120 VOLTS FULLY RATED MIN. RATINGS: 10K AC RMS SYMMETRICAL AMPS										MOUNTING: SURFACE SECTION: 1 OF 1 ENCLOSURE: NEMA 1 LOCATION: MECHANICAL CLOSET									
NO.	REV.	LOAD DESCRIPTION	NOTE	QTY	TA	AUX	KVA PER PHASE						QTY	TA	AUX	NOTE	LOAD DESCRIPTION	NO.	REV.										
1	1	HPU-1 INDOOR	-	2	25	-	1.9	0.8					2	15	-	HPU-1 OUTDOOR	2	2											
3	3	{ }	-	-	-	-		1.9	0.8				-	-	-	{ }	4	4											
5	5	CONVENIENCE RECEPTACLE	-	1	20	-					1.0	1.0	1	20	-	DISPLAY SCREEN	6	6											
7	7	EMERGENCY PANIC BUTTON	-	1	20	-	0.8						1	20	-	SPARE	8	8											
9	9	SPARE	-	1	20	-							1	20	-	SPARE	10	10											
11	11	SPARE	-	1	20	-							1	20	-	SPARE	12	12											
13	13	SPARE	-	1	20	-							1	20	-	SPARE	14	14											
15	15	SPACE WITH PROVISIONS	-	1	-	-							1	-	-	SPACE WITH PROVISIONS	16	16											
17	17	SPACE WITH PROVISIONS	-	1	-	-							1	-	-	SPACE WITH PROVISIONS	18	18											
AUXILIARIES:							KVA PER PHASE						CONNECTED LOAD: 8.2KVA DEMAND LOAD: 8.2KVA DEMAND AMPS: 22.8A																
							2.7	0.8	1.9	0.8	1.0	1.0																	
							3.5																						
							PHASE A: 29.2A PHASE B: 22.5A PHASE C: 16.7A																						
a AFCI BREAKER													<input checked="" type="checkbox"/> GROUND BUS																
b GFI BREAKER (5mA)													<input type="checkbox"/> SPILT BUS																
c GFI BREAKER (30mA)													<input type="checkbox"/> FEED THRU LUGS																
d SHUNT TRIP BREAKER													<input type="checkbox"/> SUB FEED LUGS																
e AUXILIARY SWITCH													<input type="checkbox"/> 200% NEUTRAL BUS & LUGS																
f SWITCH NEUTRAL													<input type="checkbox"/> ISOLATED GROUND BUS																
g HANDLE PADLOCK													<input type="checkbox"/> INTEGRAL SPD/VSS																
h HANDLE CLAMP																													

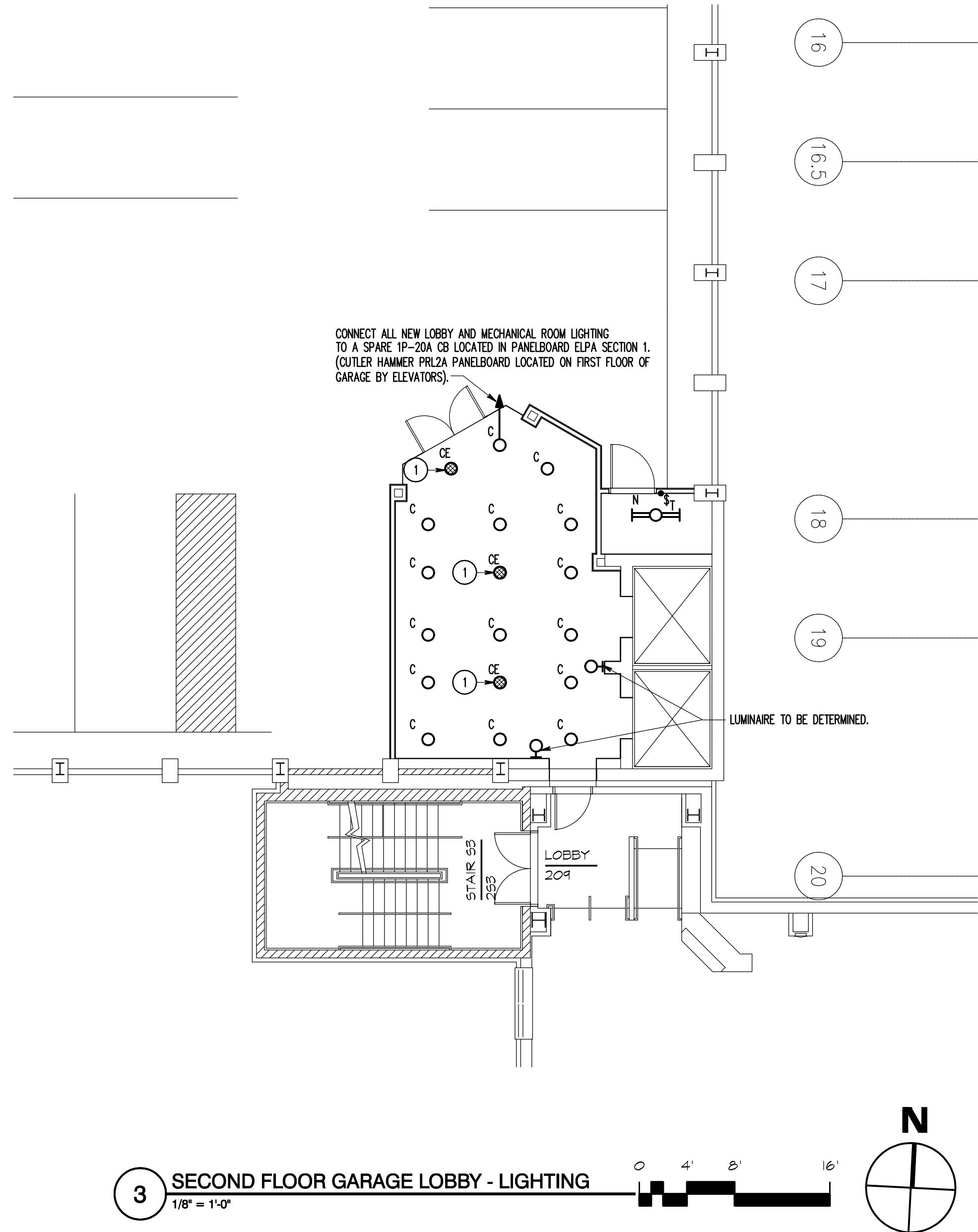


DRAWING NOTES: (APPLY TO THIS SHEET ONLY)

D.1 CONNECT NEW FIRE ALARM DEVICES TO PRATT GARAGE FIRE ALARM SYSTEM. MAINTAIN EXISTING GLASS AND STYLE OF CIRCUITS.

SPECIAL NOTES: (APPLY TO THIS SHEET ONLY)

- 1 PROVIDE A SINGLE LAMP EMERGENCY BATTERY BALLAST FOR THIS LUMINAIRE. BODINE 675C WITH 600 MINIMUM LUMEN OUTPUT, OR APPROVED EQUAL. PROVIDE AN UNSWITCHED HOT LEG TO EMERGENCY BATTERY BALLAST FOR CHARGING AND TO SENSE POWER FAILURE.



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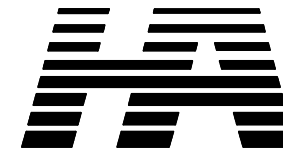
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3 01/28/10 Record Drawing
2 07/21/09 RFI #414
1 02/06/09 Bulletin 83
0 05/02/07 For Construction
Rev. Date: Comment:
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Second
Floor
Garage
Lobby

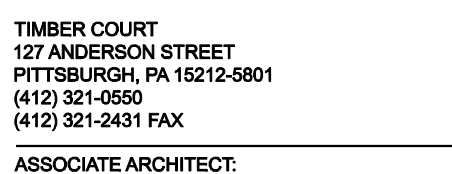
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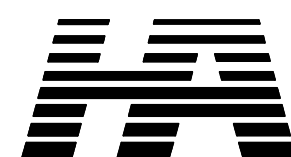
NOTES FOR AIR SOURCE HEAT PUMPS:

1. COOLING CAPACITY BASED ON 90°F DB OUTSIDE AIR TEMPERATURE.
2. HEATING CAPACITY BASED ON 20 °F OUTSIDE AIR TEMPERATURE AND 70 °F ROOM AIR TEMPERATURE ENTERING COIL.
3. REVERSE CYCLE HEATING CAPACITY DOES NOT INCLUDE SUPPLEMENTAL KW.



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**Campus
Center**
621 West Lombard Street
University of Maryland,
Baltimore
Baltimore, MD



Key Plan

Pratt
Lobby
HVAC

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