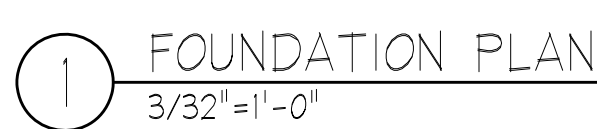


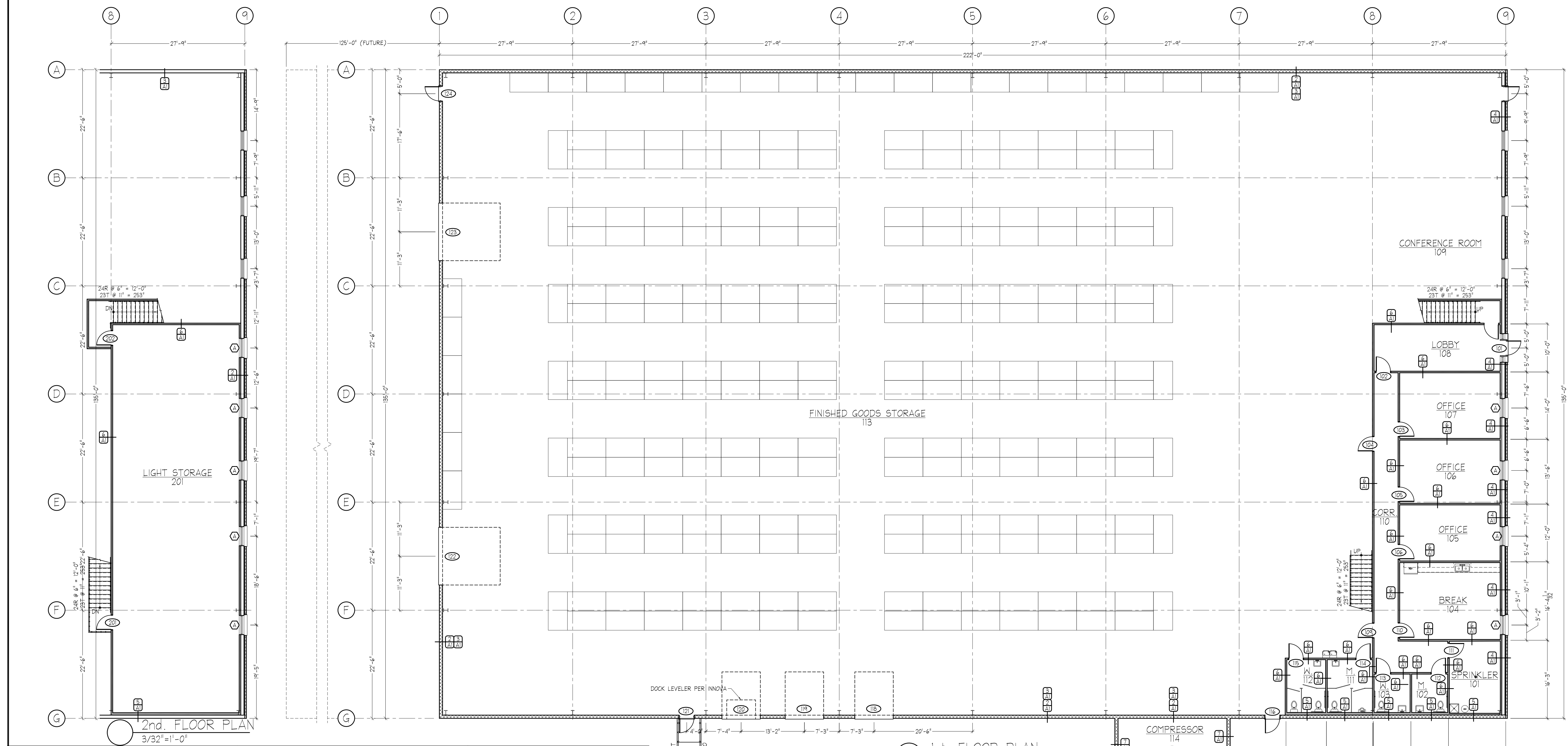
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1. ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITION OF THE INTERNATIONAL BUILDING CODE, AS WELL AS ALL LOCAL BUILDING CODES.
2. ANY PENETRATIONS INTO RATED ASSEMBLIES SHALL BE PERFORMED SO AS TO NOT ALTER OR DECREASE THE RATING OF THE ASSEMBLY.
3. APPROVED SIGNS SHALL BE POSTED AT ALL HANDICAPPED ACCESSIBLE ELEMENTS.
4. A TACTILE SIGN STATING "EXIT" AND COMPLYING WITH ICCA171 SHALL BE PROVIDED ADJACENT TO EACH DOOR TO AN EGRESS STAIRWAY, AN EXIT PASSAGEWAY AND THE EXIT DISCHARGE PER IFC 101.3.
5. ALL DOOR HARDWARE SHALL BE OF APPROVED BARRIER FREE DESIGN THAT REQUIRES NO TWISTING OR TURNING.
6. ALL WOOD IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED.
7. ALL FIRE RATED PARTITIONS SHALL BE LABELED ABOVE ALL DECORATIVE CEILINGS WITH THE WORDING "FIRE AND SMOKE BARRIER - PROTECT ALL OPENINGS".
8. ALL DECORATIVE CURTAINS & DRAPERIES SHALL BE NON-COMBUSTIBLE OR FLAME RESISTANT IN ACCORDANCE WITH NFPA 701. OWNER TO PROVIDE CERTIFICATION.
9. INSTALL MAXIMUM OCCUPANT CONTENT SIGN IN ALL ASSEMBLY AREAS IN ACCORDANCE WITH THE IBC.
10. DOORS INTO ELECTRICAL/MECHANICAL ROOMS SHALL BE LABELED WITH APPROPRIATE SIGNAGE PER IFC 605.3.1.
11. CARPETING FOR ALL EXIT ACCESS AREAS SHALL WITHSTAND A MINIMUM CRITICAL RADIANT FLUX OF 0.22 WATTS/SQ. CM. IN ACCORDANCE WITH NFPA 253. G.C. TO PROVIDE CERTIFICATION.
12. ALL EXISTING DIMENSIONS AND CONDITIONS SHALL BE VERIFIED IN THE FIELD. ANY DISCREPANCIES IN CONDITIONS OR DIMENSIONS, WHETHER IN THE FIELD OR ON THE DRAWINGS, SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGNER FOR CLARIFICATION BEFORE PROCEEDING WITH THE AFFECTED PART OF THE WORK.
13. SUSPENDED CEILING SYSTEMS SHALL CONFORM TO C.I.S.C.A. SEISMIC ZONES 3 & 4 FOR SEISMIC RESTRAINT. PROVIDE CEILING GRID EXPANSION JOINTS FOR CEILING AREAS GREATER THAN 2,500 SQ. FT.
14. SUPPORT LAY-IN LIGHTS FROM EACH CORNER OF THE LIGHT TO THE STRUCTURE.
15. IT IS NOT INTENDED THAT THE DRAWINGS SHOW ALL DETAILS OF CONSTRUCTION, BUT THE GENERAL CONTRACTOR SHALL BE REQUIRED TO FURNISH AND INSTALL ALL MATERIALS NECESSARY TO COMPLETE THE SCOPE OF WORK IN ACCORDANCE WITH THE DRAWINGS AND SPECIFICATIONS. THE GENERAL CONTRACTOR SHALL FURNISH AND INSTALL ALL PARTS WHICH MAY BE REQUIRED BY THE DRAWINGS AND OMITTED BY THE SPECIFICATIONS OR VICE VERSA, JUST AS THOUGH REQUIRED BY BOTH. SHOULD THERE APPEAR TO BE ANY DISCREPANCIES OR A QUESTION OF INTENT, THE GENERAL CONTRACTOR SHALL REFER TO THE DESIGNER FOR DECISIONS AND HIS INTERPRETATION SHALL BE FINAL, CONCLUSIVE AND BINDING.



2 WALL TYPE
NO SCALE
1/A1

3 WALL TYPE
NO SCALE
1/A1

4 WALL TYPE
NO SCALE
1/A1

5 WALL TYPE
NO SCALE
1/A1

6 WALL TYPE
NO SCALE
1/A1

7 STUD SIZES
NO SCALE
1/A1

8 CEILING TYPE
NO SCALE
1,2/A1

HARDWARE SCHEDULE

MARK	SIZE	TYPE	OPERATION	FRAME	ELEV.	HDW.	ROUGH OPNG.	TEMP. GL.	REMARKS
H1	4'-0"x4'-0"	WI	FG	AL	2/A2	PER MFR.	NO		
H2	4'-0"x4'-0"	WI	FG	MTL	2/A2	PER MFR.	YES		

WINDOW SCHEDULE

MARK	SIZE	TYPE	OPERATION	FRAME	ELEV.	HDW.	ROUGH OPNG.	TEMP. GL.	REMARKS
W1	4'-0"x4'-0"	WI	FG	AL	2/A2	PER MFR.	NO		
W2	4'-0"x4'-0"	WI	FG	MTL	2/A2	PER MFR.	YES		

ABBREVIATIONS:

WD ALUMINUM
VCL VINY. CLAD WOOD
SH SINGLE HUNG
DH DOUBLE HUNG
FG FIXED GLASS
CS CASEMENT
AWN AWNING
SFG STORE FRONT GLASS

DOOR SCHEDULE

MARK	SIZE	TYPE	MTL	SWING	FRAME	ELEV.	HDW.	ROUGH OPNG.	RATING	TYP.	GL.	REMARKS
D1	3'-0"x7'-0"	D1	SFG	LH	MTL	2/A2	H1	PER MFR.				
D2	3'-0"x7'-0"	D3	HM	LH	HM	2/A2	H2	PER MFR.				
D3	3'-0"x7'-0"	D4	SCN	LH	HM		H3	PER MFR.				
D4	3'-0"x7'-0"	D4	SCN	LH	HM		H3	PER MFR.				
D5	3'-0"x7'-0"	D4	SCN	RH	HM		H3	PER MFR.				
D6	3'-0"x7'-0"	D4	SCN	RH	HM		H3	PER MFR.				
D7	3'-0"x7'-0"	D4	SCN	LH	HM		H3	PER MFR.				
D8	3'-0"x7'-0"	D4	SCN	RH	HM		H3	PER MFR.				
D9	3'-0"x7'-0"	D4	SCN	LH	HM		H3	PER MFR.				
D10	3'-0"x7'-0"	D4	SCN	RH	HM		H3	PER MFR.				
D11	3'-0"x7'-0"	D4	SCN	LH	HM		H3	PER MFR.				
D12	3'-0"x7'-0"	D4	SCN	RH	HM		H4	PER MFR.				
D13	3'-0"x7'-0"	D4	SCN	LH	HM		H4	PER MFR.				
D14	3'-0"x7'-0"	D4	SCN	RH	HM		H4	PER MFR.				
D15	3'-0"x7'-0"	D4	SCN	LH	HM		H4	PER MFR.				
D16	3'-0"x7'-0"	D3	HM	RH	HM	1/A2	H2	PER MFR.			YES	
D17	6'-0"x7'-0"	D4	HM	LH, RH	HM	1/A2	H5	PER MFR.				
D18	8'-0"x9'-0"	D6	OHS	MTL	1/A2	H6	PER MFR.					
D19	8'-0"x9'-0"	D6	OHS	MTL	1/A2	H6	PER MFR.					
D20	8'-0"x9'-0"	D6	OHS	MTL	1/A2	H6	PER MFR.					
D21	3'-0"x7'-0"	D3	HM	RH	HM	1/A2	H2	PER MFR.			YES	
D22	12'-0"x12'-0"	D6	OHS	MTL	3/A2	H6	PER MFR.					
D23	12'-0"x12'-0"	D6	OHS	MTL	3/A2	H6	PER MFR.					
D24	3'-0"x7'-0"	D3	HM	RH	HM	3/A2	H2	PER MFR.			YES	
D25	3'-0"x7'-0"	D3	HM	RH	HM		H7	PER MFR.				
D26	3'-0"x7'-0"	D3	HM	RH	HM		H7	PER MFR.				
D27	3'-0"x7'-0"	D3	HM	LH	HM		H7	PER MFR.				

ABBREVIATIONS:

HM HOLLOW METAL
SCN SOLID CORE WOOD VENEER
HCR HOLLOW CORE WOOD VENEER
COMP COMPOSITE DOOR
WD WOOD
6PNL 6 PANEL
MTL METAL

OHS OVERHEAD SECTIONAL
RUC ROLL-UP CAN
SFG STORE FRONT GLASS
AL ALUMINUM
IM INSULATED METAL
LBF LOUVERED BI-FOLD
PBF PANELED BI-FOLD

ROOM FINISH SCHEDULE

ROOM NO.	ROOM NAME	FLOOR	BASE	NORTH	SOUTH	EAST	WEST	CEILING	CEILING HT.	CEILING TYPE	REMARKS
101	SPRINKLER RISER ROOM	21	4	4	4	4	8	8'-0"	8/A1		
102	MEN'S RESTROOM	6	6/4	6/4	6/4	6/4	8	8'-0"	8/A1		CERAMIC TILE TO 5'-0" AFF
103	WOMEN'S RESTROOM	6	6/4	6/4	6/4	6/4	8	8'-0"	8/A1		CERAMIC TILE TO 5'-0" AFF
104	BREAK ROOM	15	19	4	4	4	4	8	8'-0"	8/A1	
105	OFFICE	12	19	4	4	4	4	8	8'-0"	8/A1	
106	OFFICE	12	19	4	4	4	4	8	8'-0"	8/A1	
107	OFFICE	12	19	4	4	4	4	8	8'-0"	8/A1	
108	LOBBY	15	19	4	4	4	4	8	8'-0"	8/A1	
109	CONFERENCE ROOM	15	19	4	4	4	4	8	8'-0"	8/A1	
110	CORRIDOR	15	19	4	4	4	4	8	8'-0"	8/A1	
111	MEN'S RESTROOM	6	6/4	6/4	6/4	6/4	8	8'-0"	8/A1		CERAMIC TILE TO 5'-0" AFF
112	WOMEN'S RESTROOM	6	6/4	6/4	6/4	6/4	8	8'-0"	8/A1		CERAMIC TILE TO 5'-0" AFF
113	FINISHED GOODS STORAGE	21	4	4	4	4	20	VARIES			
114	COMPRESSOR ROOM	21	4	4	4	4	20	VARIES			
201	LIGHT STORAGE	15	19	4	4	4	4	8	8'-0"	8/A1	

FINISHES:

1. Prefinished
2. Sealer
3. Uniflour Paint
4. Paint
5. Vinyl Wall Covering
6. Ceramic Tile
7. Fiber Reinforced Panels
8. Acoustic Panels
9. Plaster Goad
10. Marble
11. Granite
12. Carpet
13. Terrazo
14. Wood
15. Vinyl Composition Tile
16. Rubber
17. Resilient Base
18. Entrance Mat
19. Vinyl Base
20. Unfinished Structure
21. Sealed Concrete
22. Exterior Plywood
23. Stipple
24. Existing Finish To Remain

No. Description Date

REVISIONS

Project Title:
INNOVA DISC GOLF
NEW SHIPPING FACILITY

2850 COMMERCE DRIVE
ROCK HILL, SC 29730

Sheet Title:
ARCHITECTURAL

Project No.:
5374

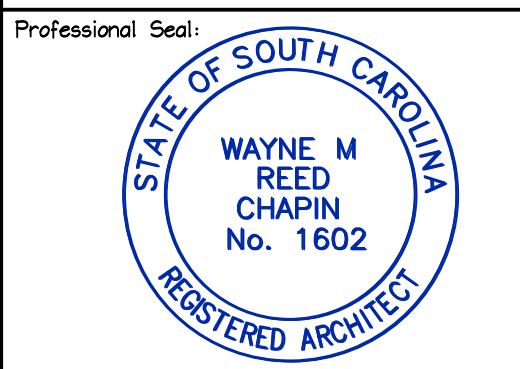
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A1

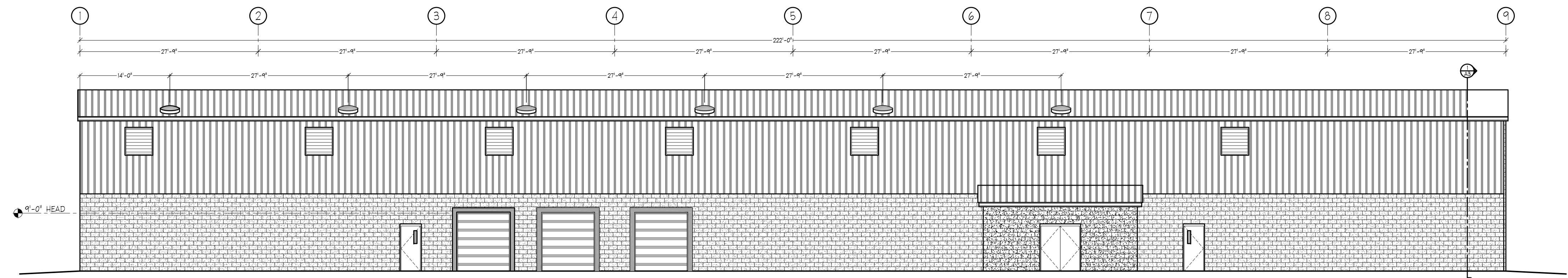
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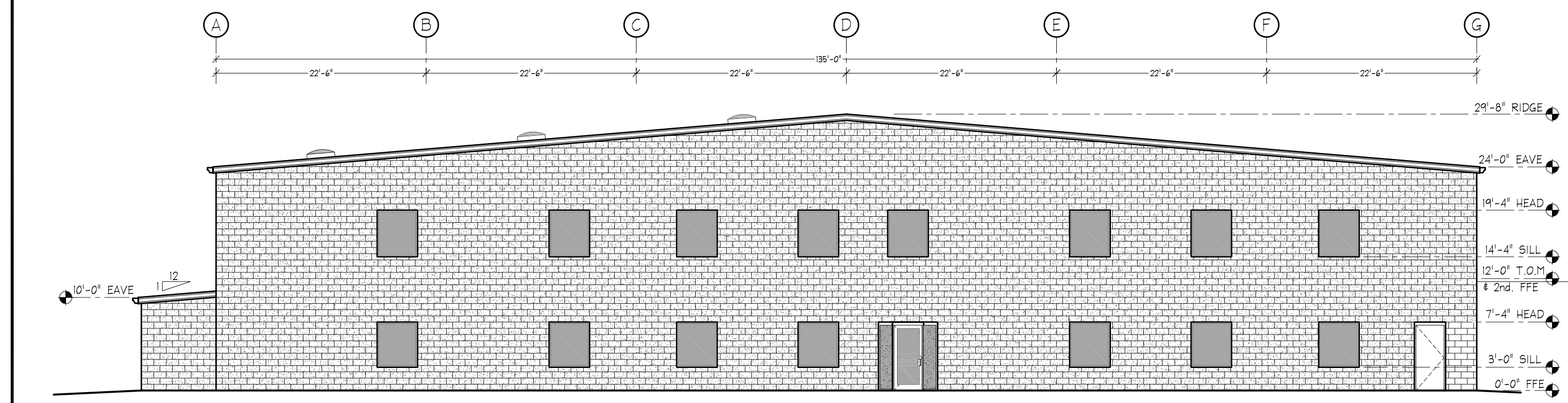
THE ARCHITECT HAS NOT BEEN RETAINED TO PERFORM
CONTRACT ADMINISTRATION SERVICES

General Notes:

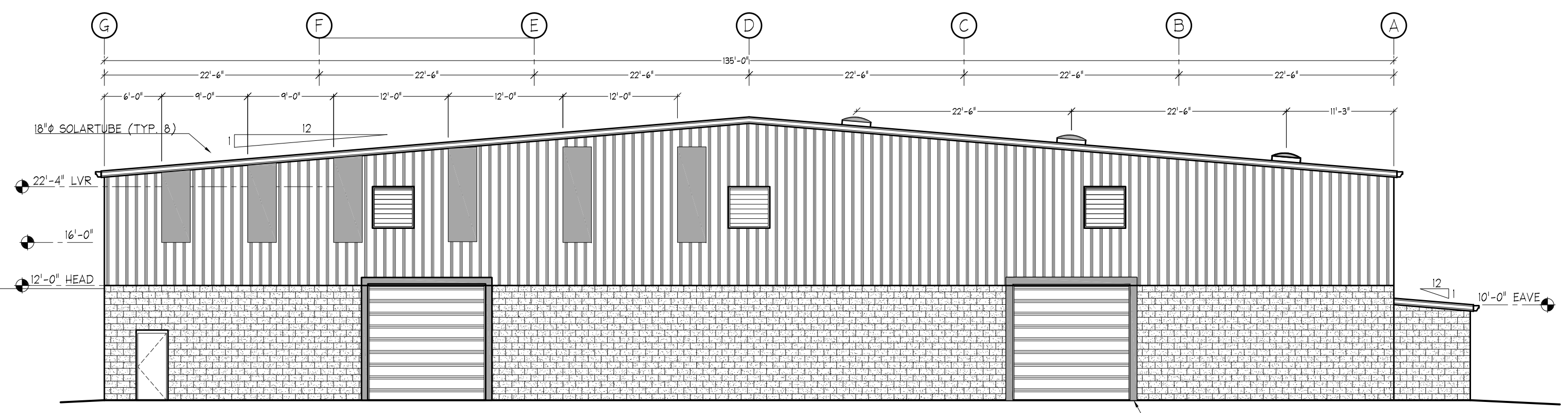
1. ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITION OF THE INTERNATIONAL BUILDING CODE, AS WELL AS ALL LOCAL BUILDING CODES.
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3. APPROVED SIGNS SHALL BE POSTED AT ALL HANDICAPPED ACCESSIBLE ELEMENTS.
4. A TACTILE SIGN STATING 'EXIT' AND COMPLYING WITH (ICAAIT) SHALL BE PROVIDED ADJACENT TO EACH DOOR TO AN EGRESS STAIRWAY, AN EXIT PASSAGEWAY AND THE EXIT DISCHARGE PER IFC 1011.3.
5. ALL DOOR HARDWARE SHALL BE OF APPROVED BARRIER FREE DESIGN THAT REQUIRES NO TWISTING OR TURNING.
6. ALL WOOD IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED.
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13. SUSPENDED CEILING SYSTEMS SHALL CONFORM TO U.S.C.A. SEISMIC ZONES 3 & 4 FOR SEISMIC RESTRAINT. PROVIDE CEILING GRID EXPANSION JOINTS FOR CEILING AREAS GREATER THAN 2,500 SQ. FT.
14. SUPPORT LAY-IN LIGHTS FROM EACH CORNER OF THE LIGHT TO THE STRUCTURE.
15. IT IS NOT INTENDED THAT THE DRAWINGS SHOW ALL DETAILS OF CONSTRUCTION, BUT THE GENERAL CONTRACTOR SHALL BE REQUIRED TO FURNISH AND INSTALL ALL MATERIALS NECESSARY TO COMPLETE THE SCOPE OF WORK IN ACCORDANCE WITH THE DRAWINGS AND SPECIFICATIONS. THE GENERAL CONTRACTOR SHALL FURNISH AND INSTALL ALL PARTS WHICH MAY BE REQUIRED BY THE DRAWINGS AND OMITTED BY THE SPECIFICATIONS OR VICE VERSA, JUST AS THOUGH REQUIRED BY BOTH. SHOULD THERE APPEAR TO BE ANY DISCREPANCIES OR A QUESTION OF INTENT, THE GENERAL CONTRACTOR SHALL REFER TO THE DESIGNER FOR DECISIONS AND HIS INTERPRETATION SHALL BE FINAL, CONCLUSIVE AND BINDING.



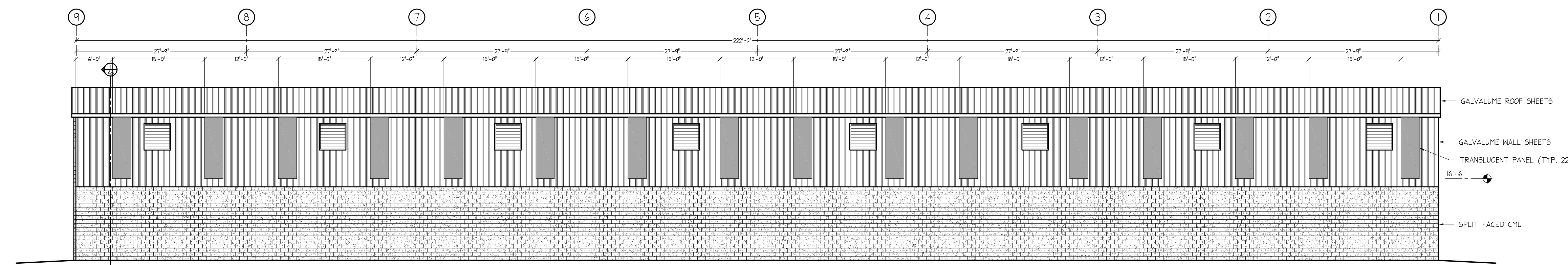
1 PROJECT SOUTH ELEVATION
3/32"=1'-0"



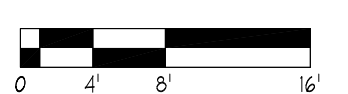
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3/32"=1'-0"

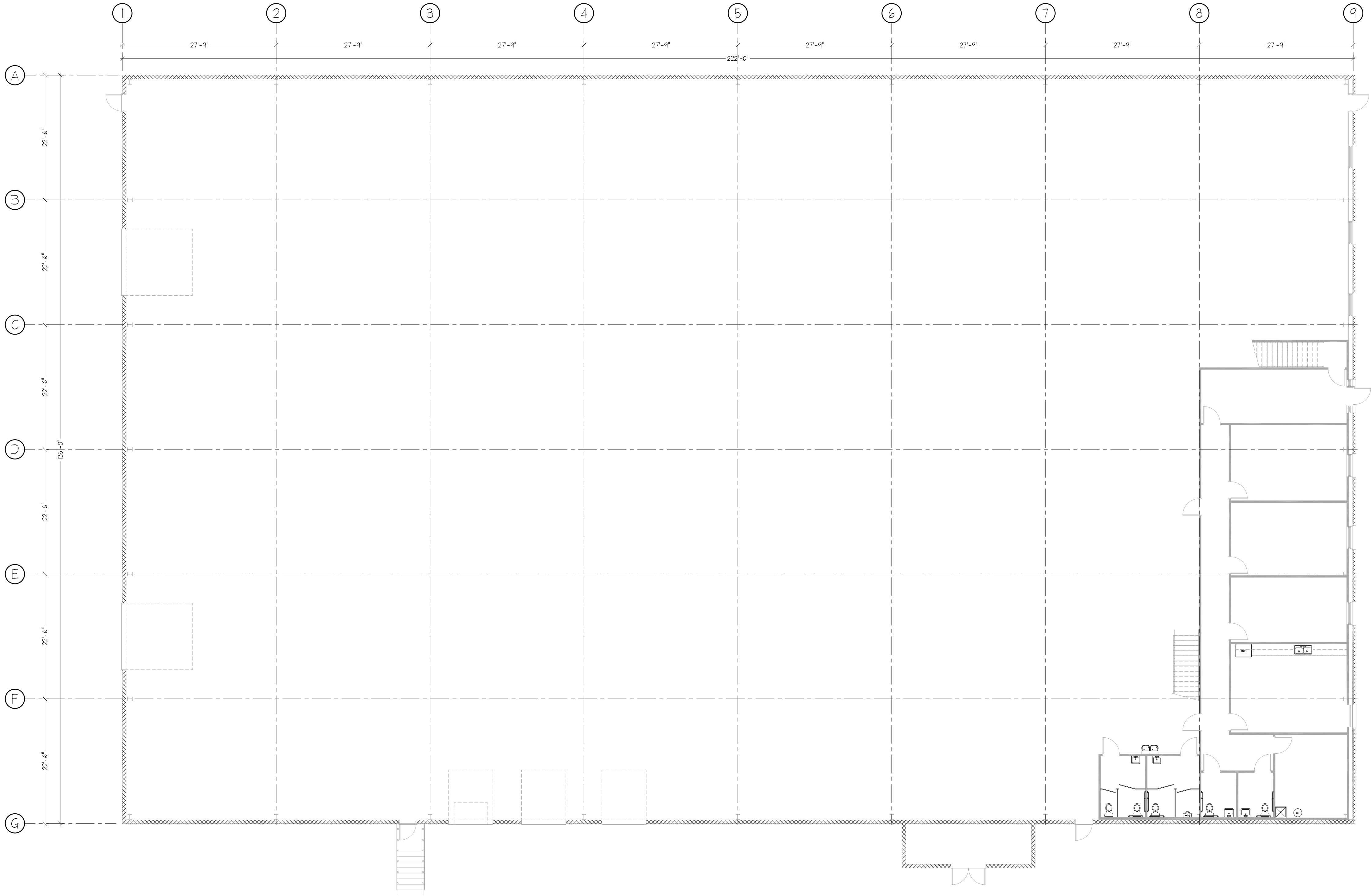
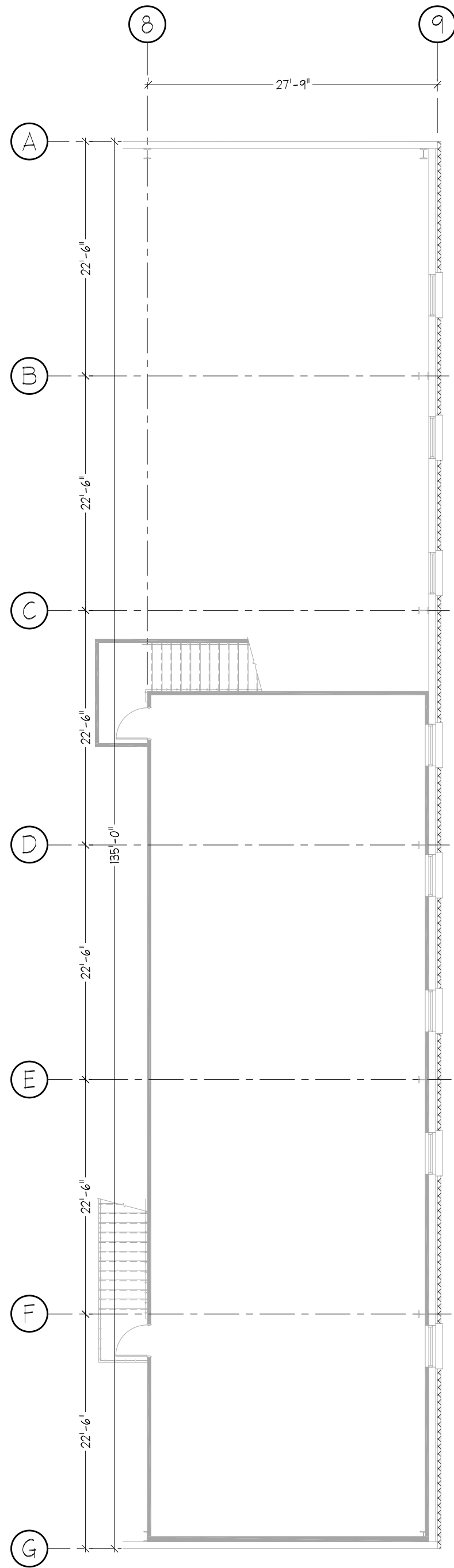


3 PROJECT WEST ELEVATION
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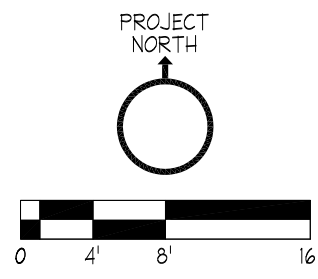


4 PROJECT NORTH ELEVATION
3/32"=1'-0"





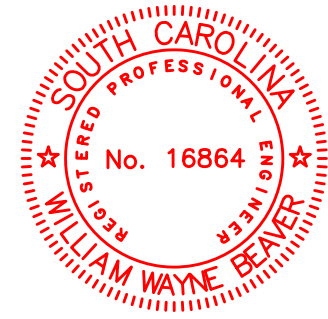
1 PLUMBING PLAN
3/32"=1'-0"



**William
Beaver, P.E.**

**121 Bay Water Way
Mt. Pleasant, SC 29764
Phone 803 - 230 - 1548**

Professional Seal



THE ENGINEER HAS NOT BEEN RETAINED TO PERFORM CONTRACT ADMINISTRATION SERVICES

General Notes:

1. ALL PLUMBING INSTALLATIONS SHALL BE PER THE INTERNATIONAL PLUMBING CODE, AND ALL LOCAL PLUMBING CODES AS APPLICABLE.
2. CLEANOUTS SHALL BE SPACED NOT MORE THAN 75' APART.
3. WASTE PIPING SHALL BE MIN. SCH-40 PVC-DWV PIPE & FITTINGS CONFORMING TO ASTM D-2665-88 WITH HSF SEAL. VENT PIPING SHALL BE OF THE SAME MATERIAL AS WASTE PIPING. ALL ROOF PENETRATIONS SHALL BE SEALED.
4. WATER PIPING SHALL BE TYPE "L" HARD COPPER WITH EQUIV. FITTINGS ABOVE GRADE AND TYPE "K" COPPER WITH EQUIV. FITTINGS BELOW GRADE. PVC PIPING OF EQUIVALENT SPECIFICATIONS IS ACCEPTABLE.
6. ALL WATER PIPING SHALL BE CONCEALED IN FLOORS, WALLS AND PIPE CHASES AS APPLICABLE, HOWEVER, NO WATER PIPING SHALL BE INSTALLED IN EXTERIOR WALLS. ALL PIPE SUBJECT TO FREEZING CONDITIONS SHALL BE INSULATED.
7. PROVIDE AIR CHAMBERS AND STOPS ON EACH FIXTURE HOT AND COLD WATER SUPPLY.
8. BARRIER FREE FIXTURES, TRIM AND ACCESSORIES SHALL COMPLY WITH THE LATEST ANSI A17.1. EXPOSED PIPING UNDER HANDICAP LAVATORIES SHALL BE INSULATED. PROVIDE APPROPRIATE "HANDICAP" SIGNS AT ALL ACCESSIBLE AREAS.
9. PIPE INSULATION SHALL BE 1" OWENS-CORNING SAU/SSL-11 OR EQUAL WITH VAPOR BARRIER JACKET PER UL-72. ALL JOINTS SHALL BE TAPED AND SEALED. COLD WATER PIPING BELOW BUILDING SLABS OR BELOW FROST LINE NEED NOT BE INSULATED.
10. THE ENTIRE SYSTEM SHALL BE FLUSHED, CLEANED, AND STERILIZED PER THE LOCAL HEALTH DEPARTMENT OR APPROVING AUTHORITY.
11. THE WATER SYSTEM SHALL BE TESTED AT 100 PSI FOR 24 HOURS PRESSURE LOSS. WASTE SYSTEM SHALL BE TESTED TO A HEAD OF 10 FT. FOR 15 MINUTES MINIMUM WITHOUT LEAKS.
12. PROVIDE UL APPROVED FIRE STOPS PER ASTM E-814 FOR ALL PIPE PENETRATIONS IN FIRE RATED ASSEMBLIES. PENETRATIONS THROUGH NON-RATED ASSEMBLIES SHALL BE SEALED SMOKE TIGHT.
13. THE DRAWINGS AND DETAILS DIAGRAMMATIC TO SHOW THE PURPOSE AND INTENT OF THE DESIGN. THE EXACT NUMBER, LOCATION AND POSITION OF COMPONENTS WILL BE DETERMINED BY THE PLUMBING CONTRACTOR ACCORDING TO FIELD CONDITIONS AND REQUIREMENTS. THE PLUMBING CONTRACTOR SHALL FIELD CHECK ALL ALL DIMENSIONS AND INVESTIGATE ALL CONDITIONS AFFECTING HIS WORK AND SHALL VERIFY LOCATIONS, SIZES, INVERT ELEVATIONS, ETC. OF ALL APPLICABLE SITE SYSTEMS INCLUDING SANITARY & STORM SEWERS, WATER MAINS, NATURAL GAS SERVICES, UNDERGROUND ELECTRICAL, ETC. TO MAKE CERTAIN ALL CONNECTIONS CAN BE MADE. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGNER FOR CLARIFICATION BEFORE PROCEEDING WITH THE AFFECTED PART OF THE WORK.
14. THE PLUMBING CONTRACTOR SHALL GUARANTEE THE SYSTEM TO BE FREE FROM DEFECTS FOR A PERIOD OF ONE YEAR. ALL DEFECTS SHALL BE REPAIRED AND CORRECTED AT NO EXPENSE TO THE OWNER.
15. THE PLUMBING CONTRACTOR SHALL CONSIDER HIS SCOPE OF WORK AS "TURN KEY". IT IS NOT INTENDED THAT THE DRAWINGS SHOW ALL DETAILS OF CONSTRUCTION, BUT THE PLUMBING CONTRACTOR SHALL FURNISH AND INSTALL ALL PARTS AND MATERIALS NECESSARY TO COMPLETE HIS SCOPE OF WORK... SHOULD THERE APPEAR TO BE ANY DISCREPANCIES OR A QUESTION OF INTENT, THE PLUMBING CONTRACTOR SHALL REFER TO THE DESIGNER FOR DECISIONS AND HIS INTERPRETATION SHALL BE FINAL, CONCLUSIVE AND BINDING.

No.	Description	Date
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REVISIONS

Project Title:

INNOVA DISK GOLF
NEW SHIPPING FACILITY

2850 COMMERCE DRIVE
ROCK HILL, SC 29730

Sheet Title:

PLUMBING

Project No.:

5374

Drawn By:

MAC

Checked By:

MAC

Scale:

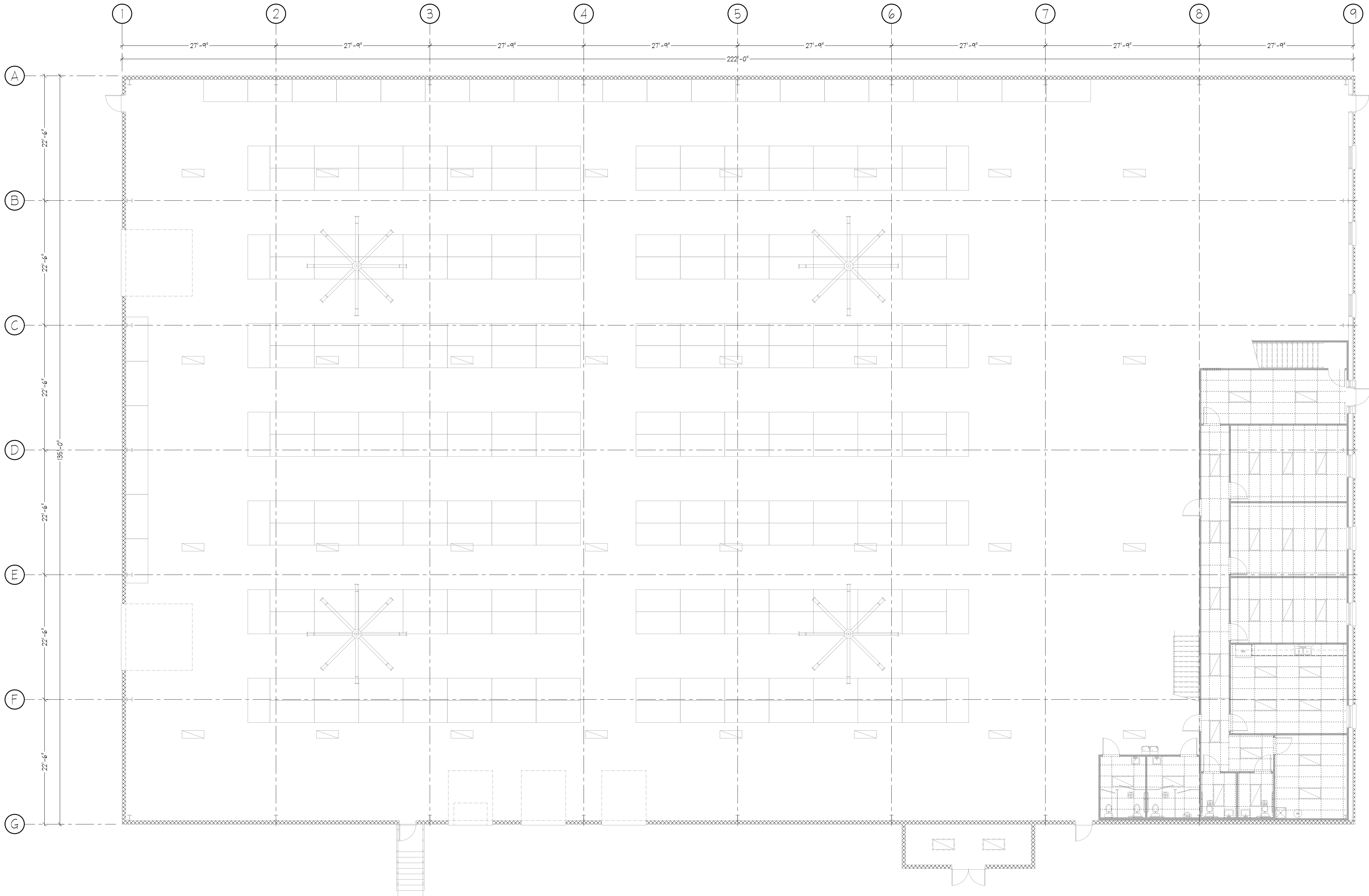
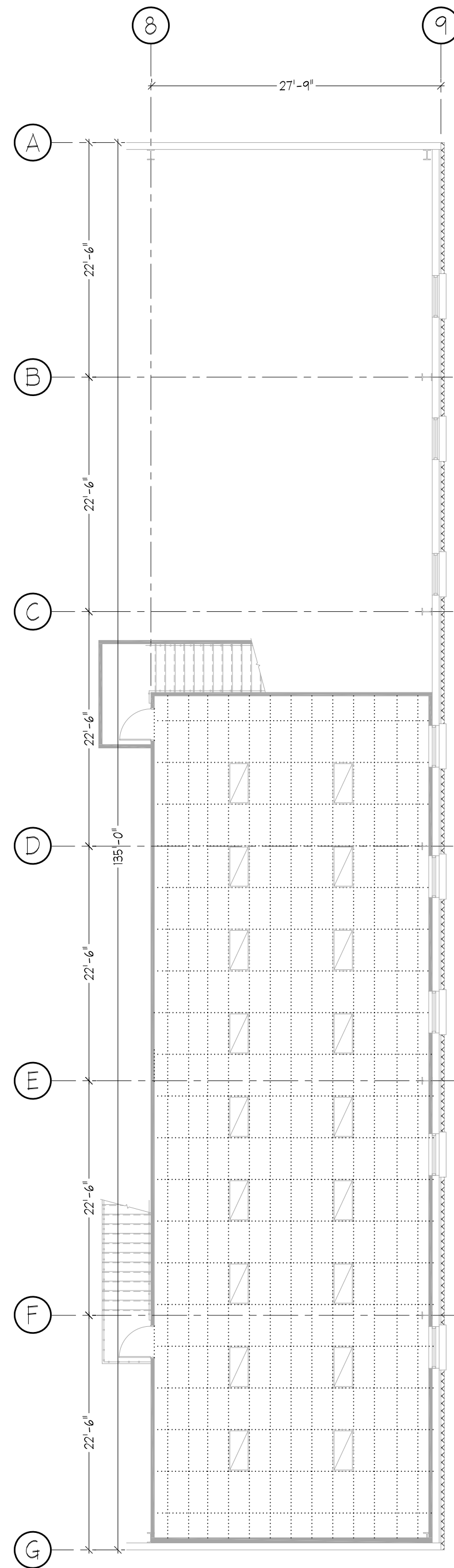
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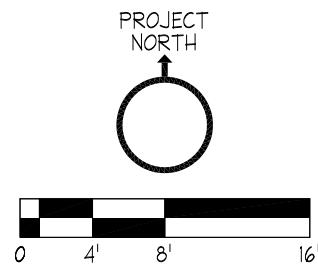
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Date:

1-24-2017



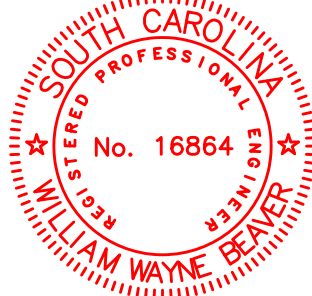
1 HVAC PLAN
3/32"=1'-0"



**William
Beaver, P.E.**

**121 Bay Water Way
Mt. Pleasant, SC 29764
Phone 803 - 230 - 1548**

Professional Seal



THE ENGINEER HAS NOT BEEN RETAINED TO PERFORM
CONTRACT ADMINISTRATION SERVICES

General Notes:

1. ALL INSTALLATIONS SHALL BE PER THE INTERNATIONAL MECHANICAL CODE, SMACNA AND ASHRAE STANDARDS, AND ALL LOCAL CODES.
2. WALL/CEILING PENETRATIONS SHALL NOT ALTER OR DECREASE THE RATING OF THE ASSEMBLY.
3. INSTALL TYPE "B" FIRE DAMPERS AT ALL RATED WALL PENETRATIONS. INSTALL RADIATION DAMPERS AT ALL RATED CEILING PENETRATIONS.
4. THERMOSTATS TO BE 7-DAY PROGRAMMABLE.
5. DUCT SYSTEM SHALL BE GALVANIZED SHEET METAL FOR TRUNK LINES. BRANCH DUCTS SHALL BE RIGID ROUND DUCT WITH ROUND FLEX EXTENSIONS AT APPROPRIATE CEILING DIFFUSERS. THE DUCT SYSTEM IS DESIGNED TO SMACNA STANDARDS FOR A LOW PRESSURE DUCT SYSTEM.
6. ATTACHMENTS TO GRILLES SHALL BE UL-181 FLEX DUCT WITH A MAXIMUM LENGTH OF 14'.
7. INSULATE RECTANGULAR DUCTS WITH 2" DUCTWRAP. INSULATE ROUND DUCTS WITH 2" FIBERGLASS DUCTWRAP WITH VAPOR BARRIER JACKET.
8. DUCTWORK AND EQUIPMENT SHALL BE SUPPORTED BY THE BUILDING STRUCTURE. MOUNT CONDENSERS ON CONCRETE PADS.
9. ALL APPLICABLE EQUIPMENT SHALL BEAR THE "UL" LABEL OR EQUIVALENT.
10. ALTERNATE MANUFACTURER EQUIPMENT IS ACCEPTABLE AS LONG AS PERFORMANCE CRITERIA IS ADHERED TO.
11. SUPPLY GRILLES - SEE SCHEDULE.
12. RETURN AIR GRILLES - SEE SCHEDULE.
13. EACH HVAC SYSTEM SHALL BE BALANCED TO PROVIDE ADEQUATE AIR FLOW TO ALL ROOMS AND WORK AREAS.
14. THE MECHANICAL CONTRACTOR SHALL PROVIDE AND INSTALL ALL CONTROL WIRING.
15. OBSERVE ALL MANUFACTURER'S MINIMUM CLEARANCE RECOMMENDATIONS.
16. GAS PIPING SHALL BE BLACK IRON PIPE AND ALL GAS PIPING INSTALLATIONS SHALL BE INSTALLED PER THE INTERNATIONAL GAS CODE AND ALL LOCAL GAS CODES.
17. RESTROOM EXHAUST FANS TO BE BRAUN OR EQUAL, 2 CFM/50 SQ. FT. OF FLOOR SPACE, 75 CFM MINIMUM. DUCT RESTROOM EXHAUST FANS TO THE ATMOSPHERE.
18. ALL DUCTING THROUGH EXTERIOR WALL SHALL TERMINATE WITH A VENT LOUVER EQUIPPED WITH AN INSECT SCREEN. ALL PENETRATIONS SHALL BE SEALED WEATHERTIGHT.
19. A SMOKE DETECTOR SHALL BE INSTALLED IN THE RETURN AIR DUCT OF EACH UNIT.
20. THE DUCT WORK AND SYSTEM EQUIPMENT ARE SHOWN DIAGRAMMATIC. FIELD VERIFY DIMENSIONS CONDITIONS. DISCREPANCIES SHALL CLARIFICATED WITH THE DESIGNER BEFORE PROCEEDING WITH THE AFFECTED PART OF THE WORK.
21. THE MECHANICAL CONTRACTOR SHALL GUARANTEE THE SYSTEM FOR A PERIOD OF ONE YEAR. ANY DEFECTS SHALL BE REPAIRED AT NO COST TO THE OWNER DURING THE WARRANTY PERIOD.
22. THE MECHANICAL CONTRACTOR SHALL CONSIDER HIS SCOPE OF WORK AS "TURN KEY". IT IS NOT INTENDED THAT THE DRAWINGS SHOW ALL DETAILS OF CONSTRUCTION, BUT THE MECHANICAL CONTRACTOR SHALL BE REQUIRED TO FURNISH AND INSTALL ALL MATERIALS NECESSARY TO COMPLETE THE SCOPE OF WORK. SHOULD THERE APPEAR TO BE ANY DISCREPANCIES OR A QUESTION OF INTENT, THE MECHANICAL CONTRACTOR SHALL REFER TO THE DESIGNER FOR DECISIONS AND HIS INTERPRETATION SHALL BE FINAL, CONCLUSIVE AND BINDING.
23. EACH OUTSIDE AIR CONNECTION TO THE UNITS SHALL HAVE A MANUAL BALANCING AND BACK DRAFT DAMPER THAT SHALL CLOSE WHEN THE UNIT IS IDLE.

No.	Description	Date
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REVISIONS

Project Title:

**INNOVA DISC GOLF
NEW SHIPPING FACILITY**

**2850 COMMERCE DRIVE
ROCK HILL, SC 29730**

Sheet Title:

MECHANICAL

Project No.:

5374

Drawn By:

MAC

Checked By:

MAC

Scale:

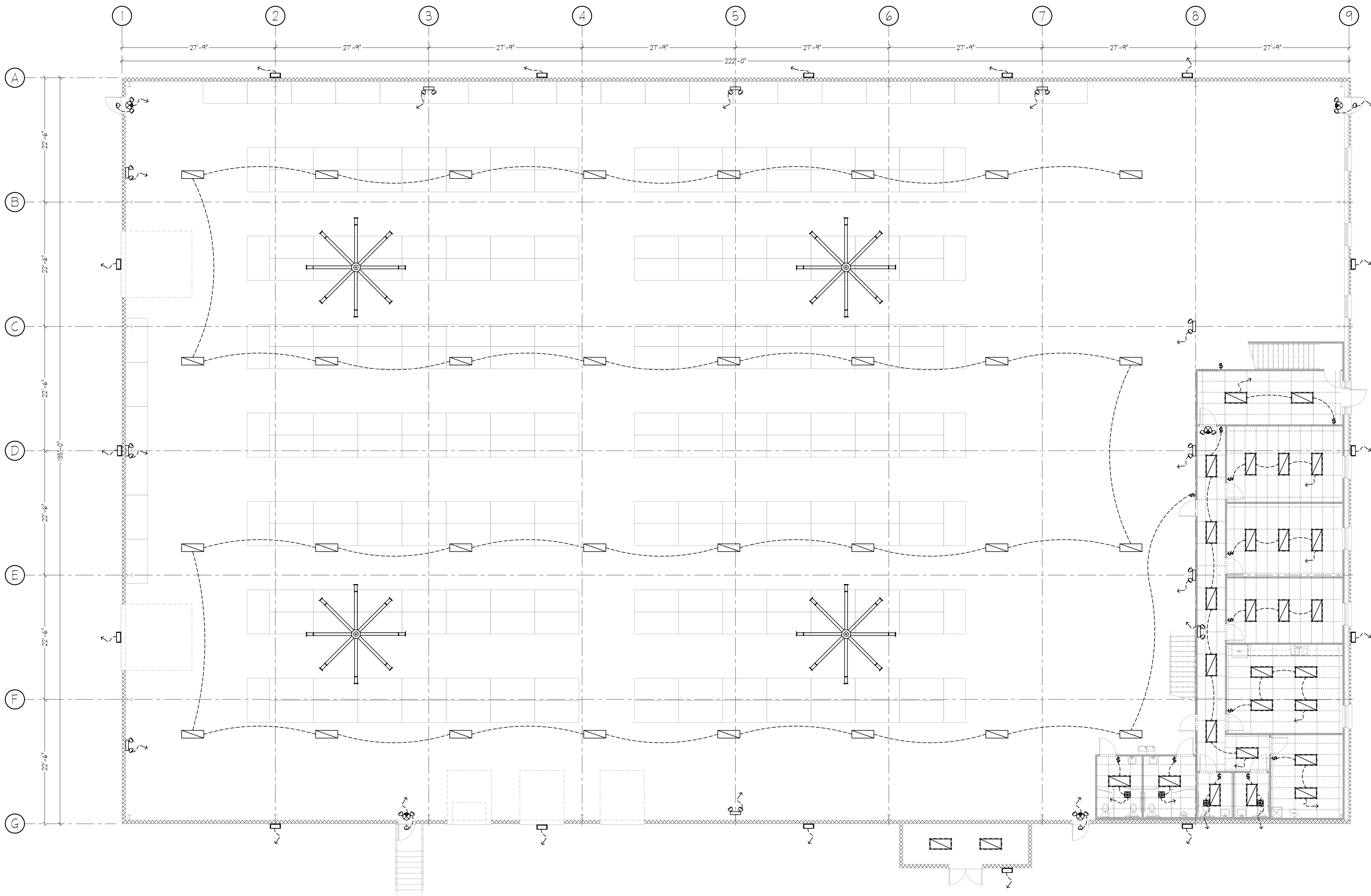
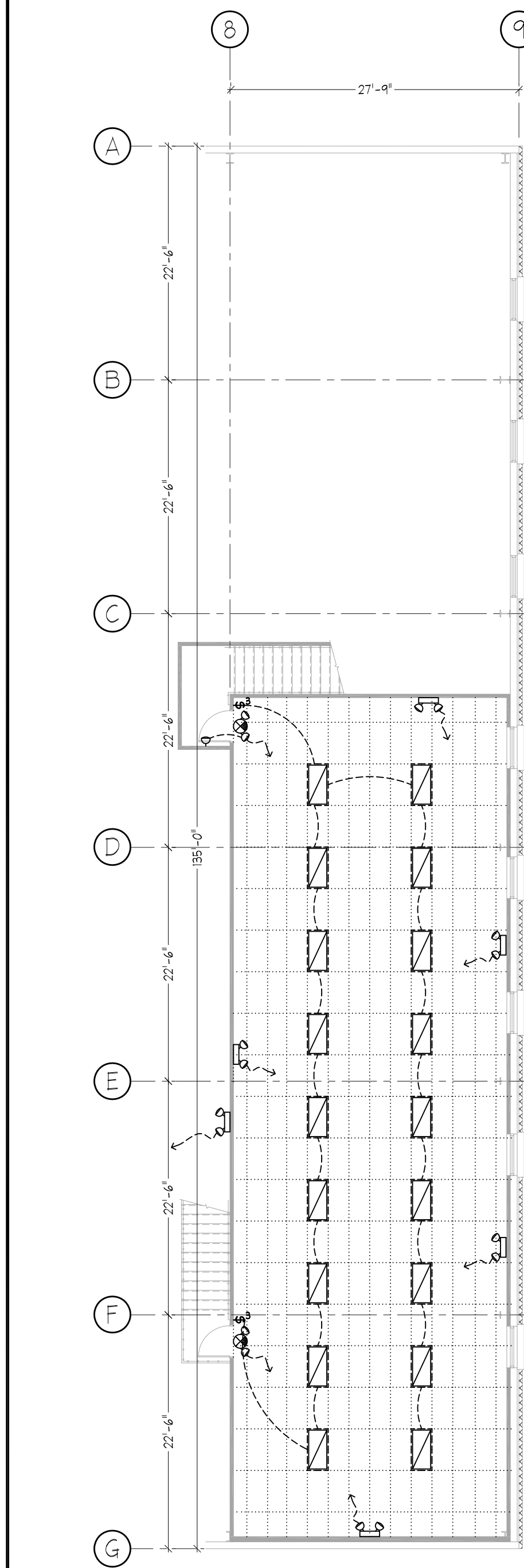
AS SHOWN

Sheet No.:

M1

Date:

1-27-2017



J. M.
Surratt, PE

233 Johnston Street
Rock Hill, SC 29730
Phone 1 - 803 - 322 - 7630

Professional Seal

THE ENGINEER HAS NOT BEEN RETAINED TO PERFORM CONTRACT ADMINISTRATION SERVICES

General Notes:

1. THESE DRAWINGS AND ELECTRICAL INSTALLATIONS WERE PREPARED AND INSTALLED PER THE 2014 NATIONAL ELECTRICAL CODE AND THE AUTHORITY HAVING JURISDICTION (AHL).
2. MARKED EQUIPMENT LOCATIONS ARE FOR BEST REFERENCE AND INFORMATION.
3. PENETRATIONS THROUGH WALL AND CEILING ASSEMBLIES SHALL NOT THEIR ALTER FIRE, WATER, MOISTURE AND AIR CODE RATINGS.
4. ALL MATERIALS SHALL BE NEW AND LISTED WITH A U.S. AGENCY SUCH AS: "UL", "MET LABS", "ETL", ETC. MARKS SHOWING "CE" ONLY, WITHOUT AGENCY MARKS, ARE NOT ACCEPTABLE.
5. COMMERCIAL APPLICATIONS OF WIRE TYPE "NM" NON-METALLIC SHEATHED CABLE SHALL NOT BE USED.
6. PANELBOARDS AND CIRCUITS SHALL BE PERMANENTLY MARKED WITH NAME AND USE.
7. UNLESS OTHERWISE MARKED, CONDUCTORS SHALL BE COPPER AND SIZED PER PANELBOARD SCHEDULE.
8. PER NEC 110.14, 60° C TABLE IS SHOWN FOR WIRING SIZES 100a AND LESS. FIELD USE OF 75° C WIRE TABLE MAY BE USED IF ALL ATTACHED EQUIPMENT IS MARKED AT LEAST 75° C.
9. ELECTRICAL CONTRACTOR SHALL VERIFY OLD/NEW EQUIPMENT COMPATABILITY, FURNISH, INSTALL, AND GUARANTEE FOR ONE YEAR ALL MATERIALS NECESSARY TO COMPLETE THIS SCOPE OF WORK.
10. CONTRACTOR SHALL CONTACT THE DESIGN ENGINEER OF ERRORS OR OMISSIONS. THE ENGINEER SHALL RENDER FINAL DECISIONS.
11. CONTRACTOR IS RESPONSIBLE AND SHALL ENFORCE THEIR ELECTRICAL WORKER SAFETY POLICIES ON SITE.

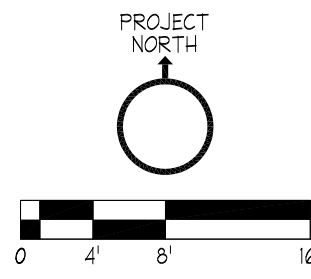
1 LIGHTING PLAN
3/32"=1'-0"

- CREE LED TROFFER, E-TR24L2504U, 2x4 LAY-IN, 120v, 50w, 0.43a, 5,000 LUMENS, NEUTRAL WHITE, DIMMABLE WITH LUTRON NOVA NFI, "B" INDICATES BATTERY BACK-UP
- CREE LED, E-HLD27, HIGH BAY, 277v, 220w, 0.92a, 27,500 LUMENS, NEUTRAL WHITE 5,000K
- LED DOWN LIGHT, 6" RECESSED CAN, 120v, 0.17a, 1,000 LUMENS
- EXIT SIGN, LED, ECONOLIGHT E-XCL2RRCW, RED LETTERS, EMERGENCY FLOODS, BATTERY BACKUP, INTERNALLY ILLUMINATED, REMOTE HEAD, 120v, 3.7w
- EMERGENCY FLOOD, LED, ECONOLIGHT E-XM1LRGW, BATTERY BACKUP, ADJUSTABLE HEADS, 120v, 1.8w
- EXHAUST FAN, FLUSH MOUNT, 120v, SEE MECHANICAL PLAN
- § SINGLE POLE SWITCH, 120v, 20a, 48" A.F.F.
- § THREE-WAY SWITCH, 120v, 20a, 48" A.F.F.
- ELECTRICAL PANEL (SEE RISER FOR DETAILS)
- Ⓜ ELECTRIC METER BY UTILITY CO. (SEE RISER FOR DETAILS)

ALTERNATE EQUIPMENT IS ACCEPTABLE AS LONG AS PERFORMANCE CRITERIA IS ADHERED TO. THE LIGHTING SYSTEM IS DESIGNED FOR LED LIGHTING. DO NOT SUBSTITUTE FLUORESCENT LIGHTING. WAREHOUSE IS DESIGNED FOR 25-30 FOOTCANDLES. ALL OTHER AREAS ARE DESIGNED FOR 40-50 FOOTCANDLES.

3 ELECT. LEGEND

NO SCALE
1/E1



No.	Description	Date
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REVISIONS

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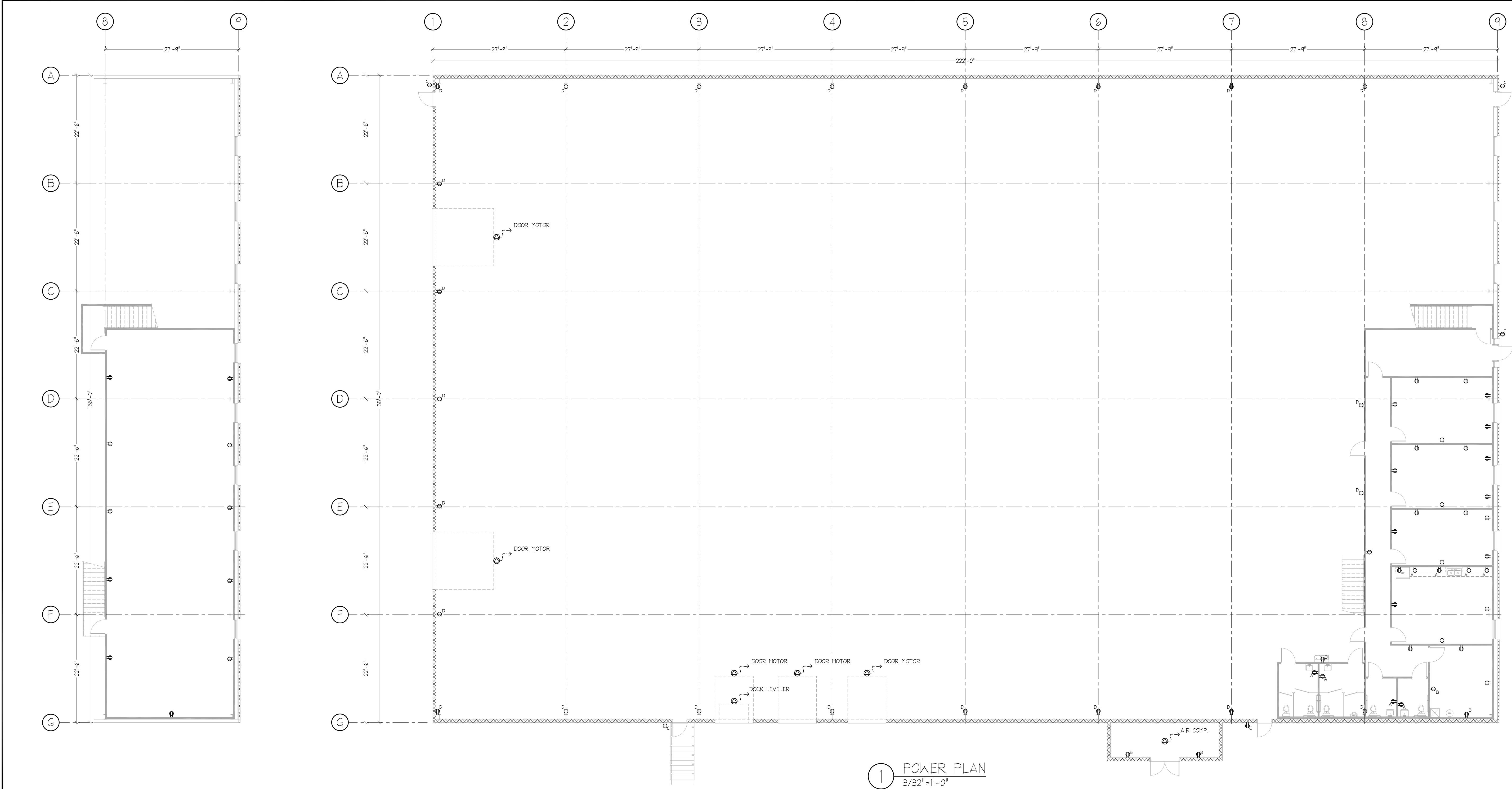
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E1

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2-1-2017



⊗ DUPLEX RECEPTACLE OUTLET, 120V, 20a, 16" AFF

⊗^A DUPLEX RECEPTACLE OUTLET, GFI, 120V, 20a, 44" AFF

⊗^B DUPLEX RECEPTACLE OUTLET, GFI, 120V, 20a, 16" AFF

⊗^C DUPLEX RECEPTACLE OUTLET, GFI, WP COVER, 120V, 20a, 16" AFF

⊗^D DUPLEX RECEPTACLE OUTLET, GFI, 120V, 20a, 48" AFF

⊙ EQUIPMENT CIRCUIT (AS NOTED ON PLAN)

■ ELECTRICAL PANEL (SEE RISER FOR DETAILS)

ELECTRIC METER BY UTILITY CO. (SEE RISER FOR DETAILS)

2

ELEC. LEGEND

NO SCALE
1/E2



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