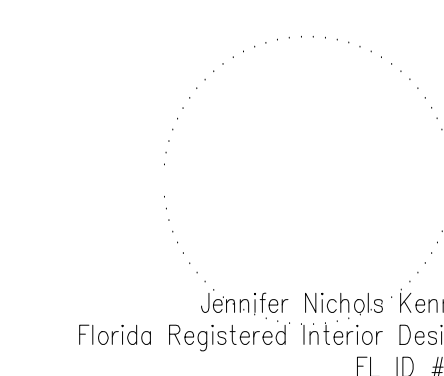


PROJECT

**OCCC NETWORK AND WELLNESS ROOMS**  
NORTH-SOUTH BUILDING  
ORANGE COUNTY CONVENTION CENTER  
9800 INTERNATIONAL DRIVE  
Orlando, FL 32819

SEAL



ISSUED FOR

100% BID DOCUMENTS

PROJECT INFORMATION

**PROJECT NUMBER:**  
76916  
**DATE:**  
03/20/2019  
**SCALE:**  
1/4"=1'-0"  
**DRAWN BY:**  
KG  
**CHECKED BY:**  
JNK

DRAWING NUMBER

LEVEL 200 NORTH/SOUTH BLDG  
NETWORK ROOM  
2I FLOOR PLAN, REFLECTED CEILING  
PLAN AND ELEVATIONS

**14.201NS**

This document is not an architectural or engineering study, drawing, specification, or design and is not to be used for construction of any load-bearing columns, load-bearing framing or walls of structures, or issuance of any building permit, except as otherwise provided by law.

**KEY NOTES:**

- 097723 FABRIC WRAPPED PANELS
- 099123 INTERIOR PAINTING
- 097200 WALLCOVERING
- 096513.13 RESILIENT BASE
- 092116 GYP BOARD STUD WALL PARTITION
- 095113 CEILING SYSTEMS

**NOTES:**

- 1 NEW METAL STUD AND DRYWALL PARTITION
- 2 NEW STOREFRONT PARTITION
- 3 NEW DRYWALL HEADER TO BE FLUSH WITH EXISTING WALL
- 4 DEMOLISH EXISTING MILLWORK, REPAIR, PATCH AND PAINT DRYWALL
- 5 DEMOLISH EXISTING RECESSED CAN LIGHTS
- 6 CONTRACTOR SHALL COORDINATE WITH MEP DRAWINGS TO LOCATE ANY DEVICES TO BE REMOVED OR RELOCATED. DRYWALL TO BE PATCHED, REPAIRED AND PAINTED
- 7 SALVAGE DEMOLISHED WOOD BASE FOR USE IN ANY LOCATIONS REQUIRING A PATCH.
- 8 NEW DOOR - REFER TO DOOR SCHEDULE.
- 9 EXISTING FLOORING SHALL REMAIN

**CEILING PLANS FOR REFERENCE ONLY. REFER TO MEP/FR SHEETS DETAILS**

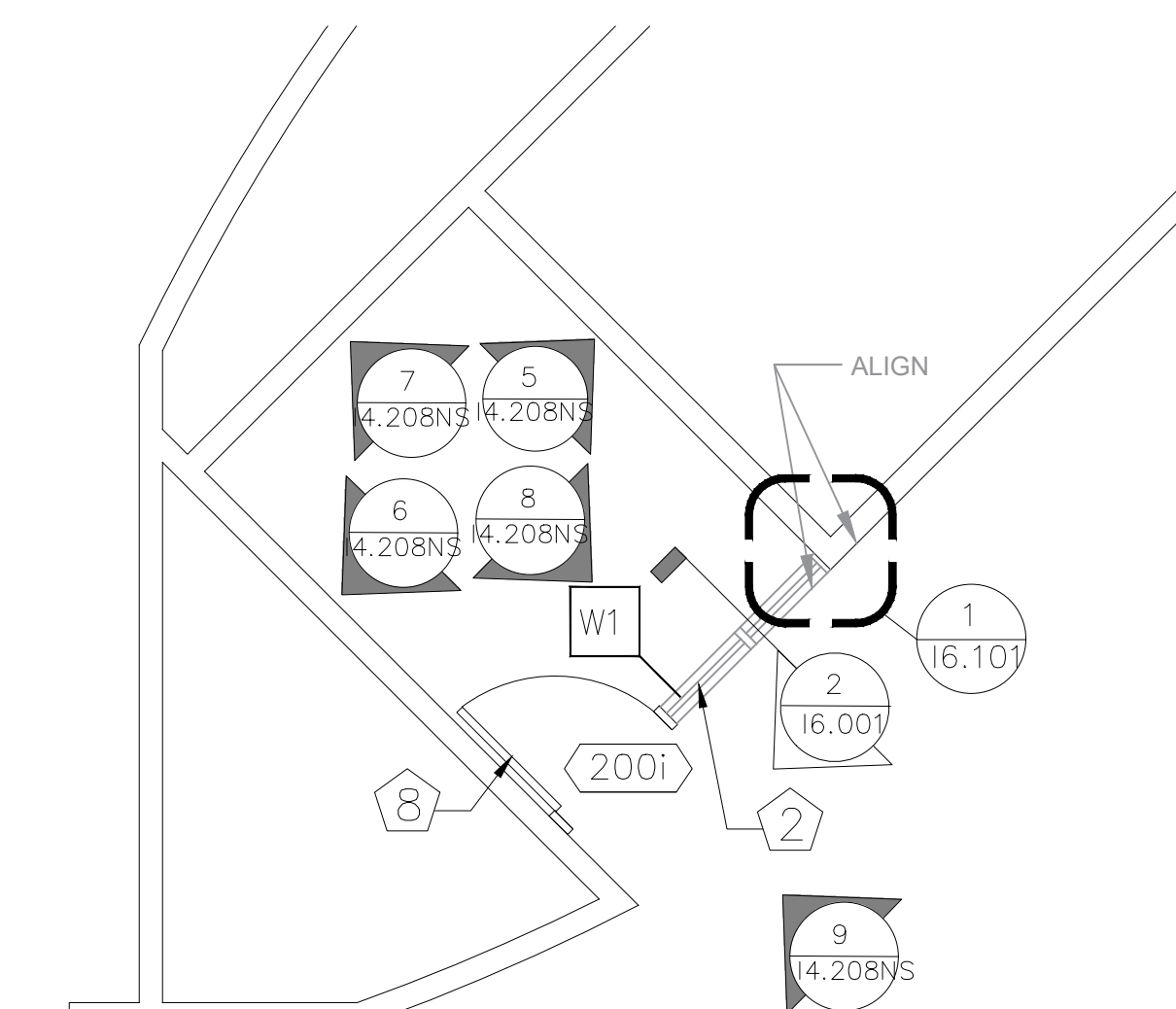
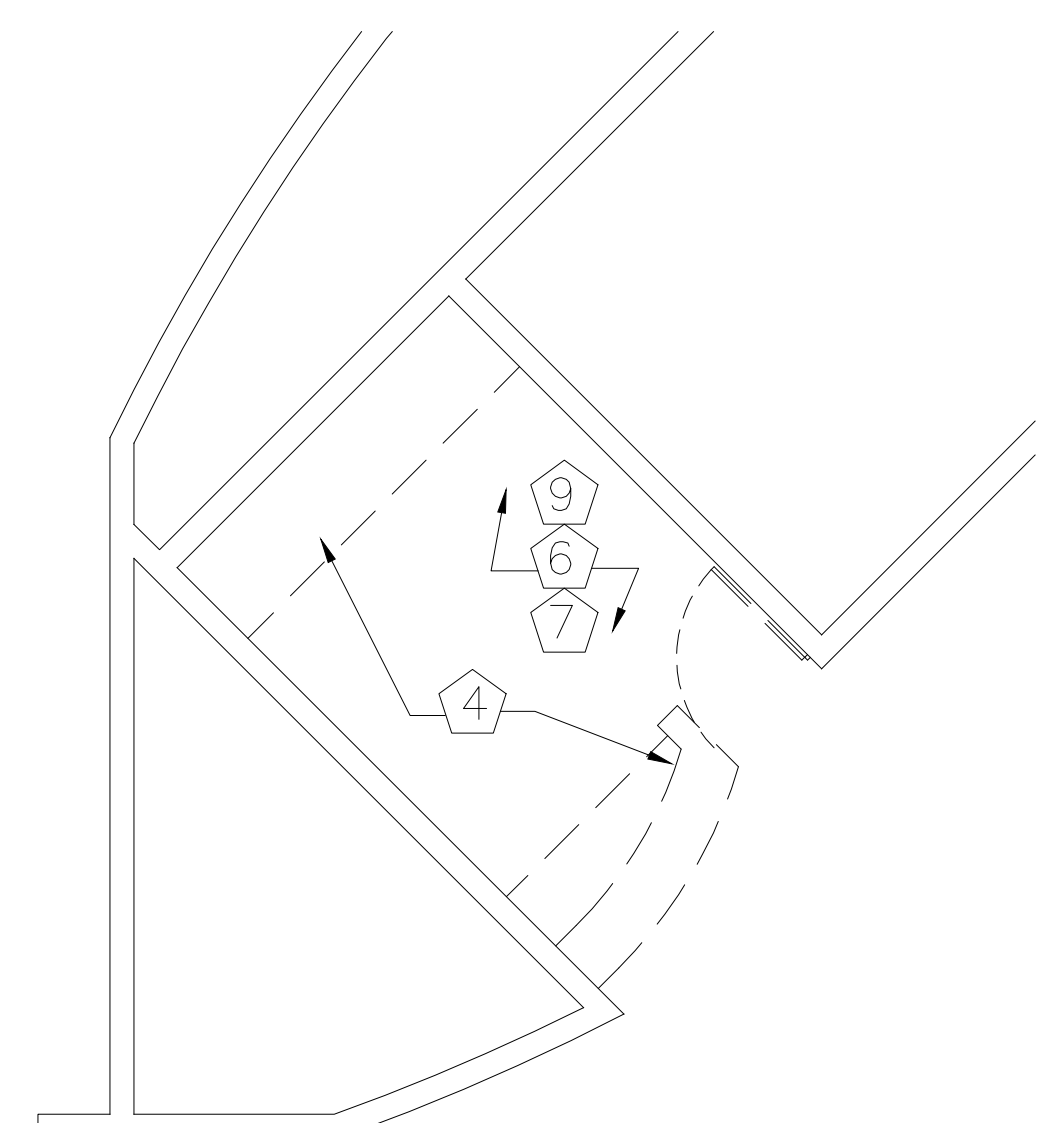
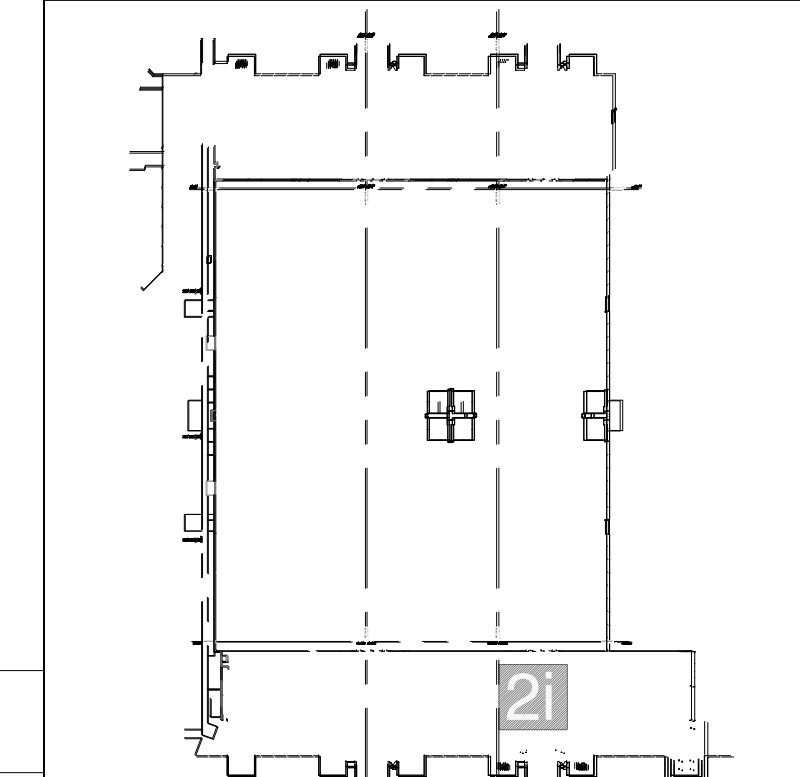
**HATCH LEGEND:**

- Gypsum Board Ceiling
- Painted Drywall
- Painted Wood Base
- Vinyl Base
- New Painted Soffit

**SYMBOL LEGEND:**

- Elevation Marker
- Detail Reference
- Section Reference
- Partition Tag
- Door Tag
- Existing Ceiling Tile to be Demolished
- Flourescent Recessed Can Light to be Demolished
- New LED Recessed Can Light
- Existing Ceiling-mounted Speaker
- HVAC Device to be Demolished
- New 2'x2' Ceiling-mounted HVAC Device
- Ceiling-mounted Access Panel to Remain
- Sprinkler Head Locations to Remain
- Exit Lights to Remain
- Existing Ceiling-mounted Fire Strobe to Remain
- Wall-mounted WiFi Booster
- New Interior Partition
- Wallcovering to be Removed
- Acoustical Wall Panels to be Demolished

**KEY PLAN:**

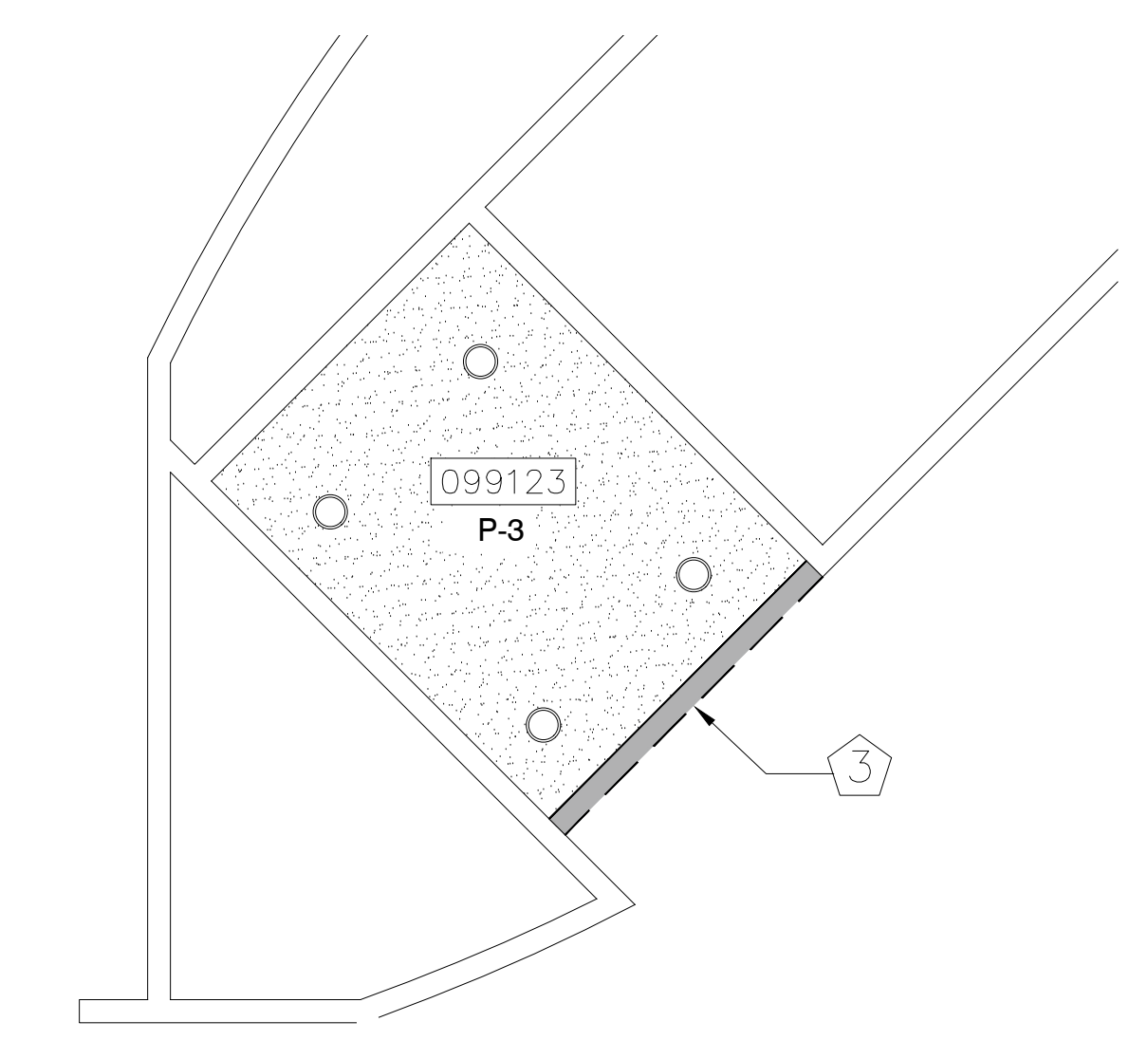
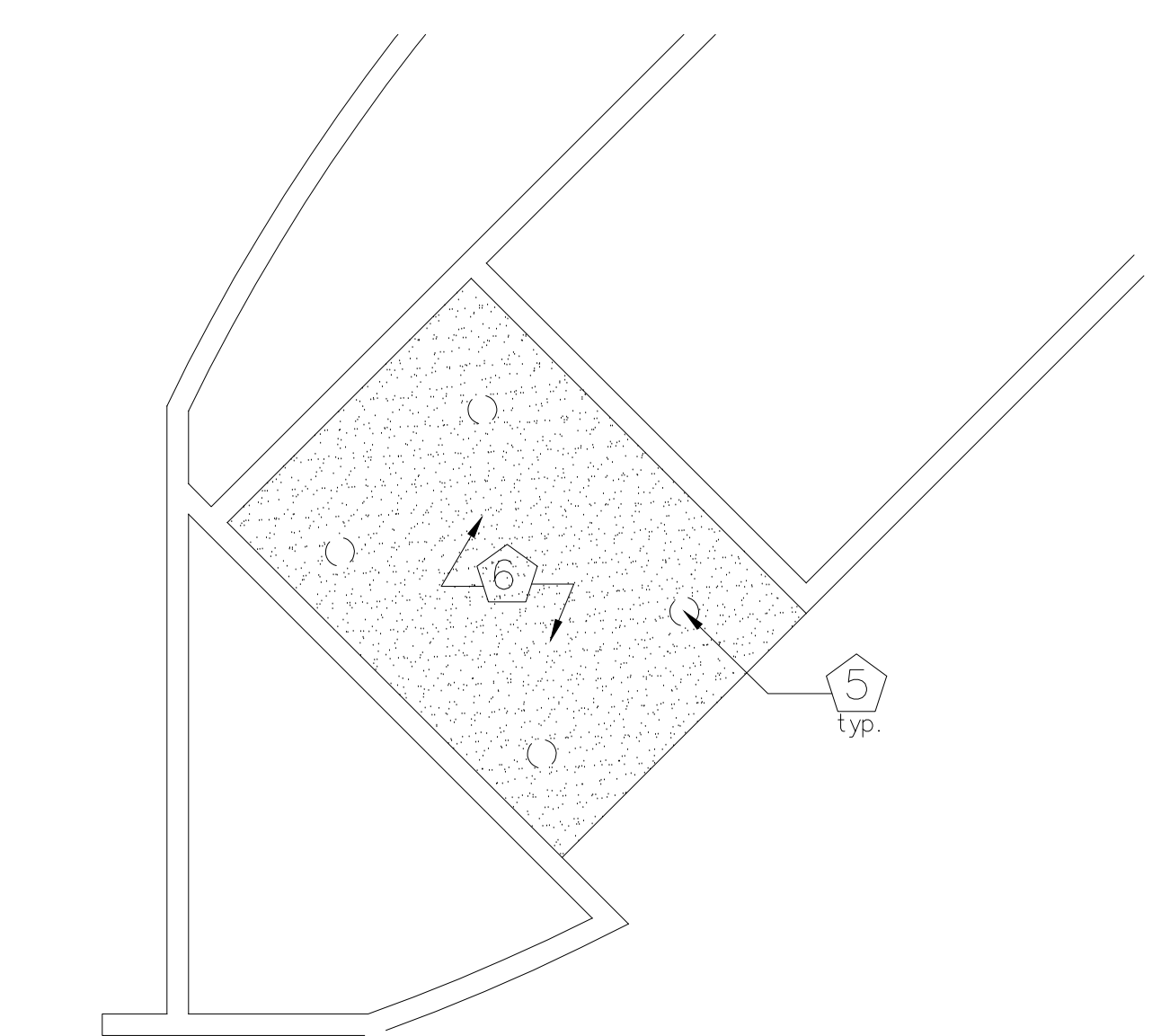


**1 NETWORK ROOM 2i FLOOR PLAN - DEMO**

**2 NETWORK ROOM 2i FLOOR PLAN - PROPOSED**

1/4" = 1'-0"

1/4" = 1'-0"

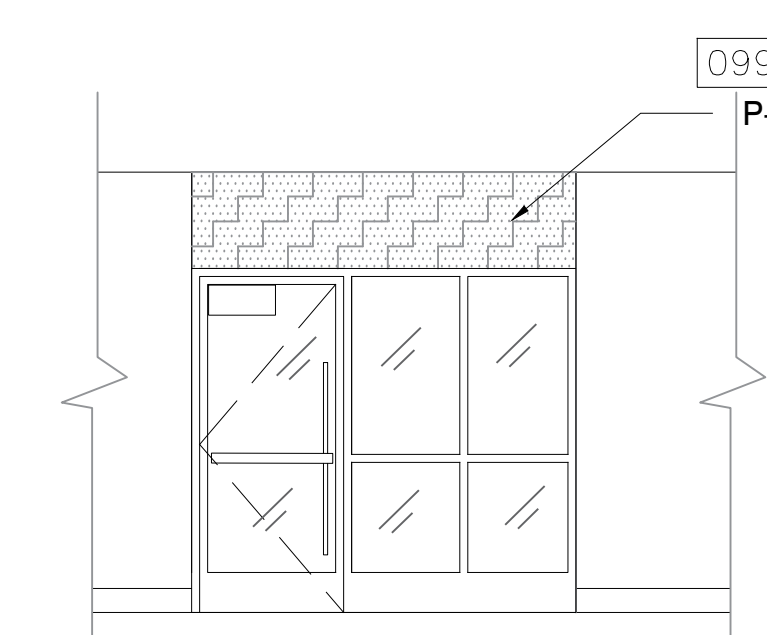
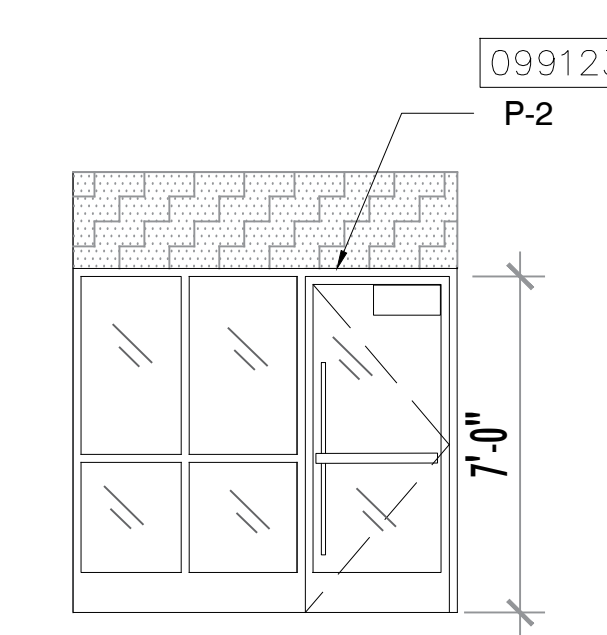
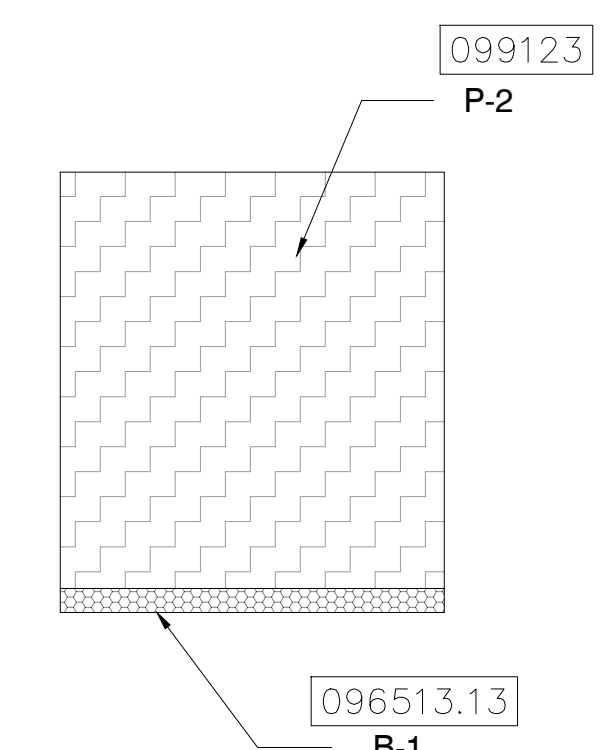
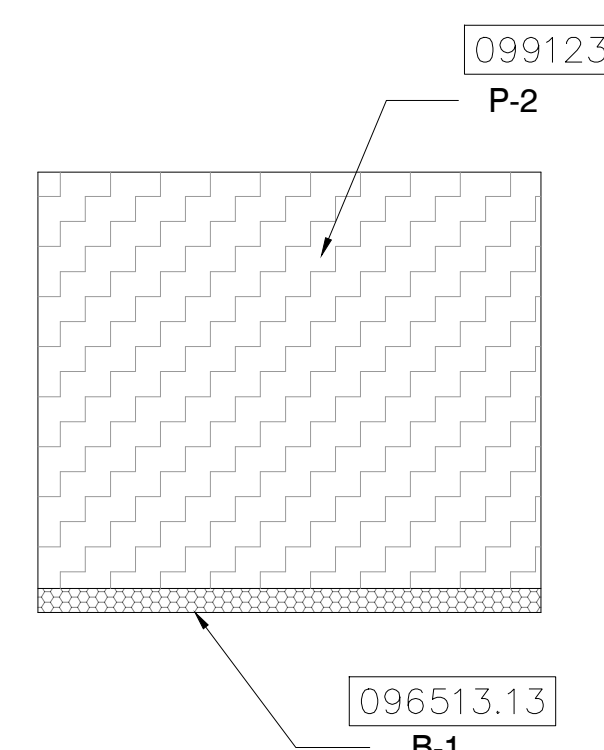
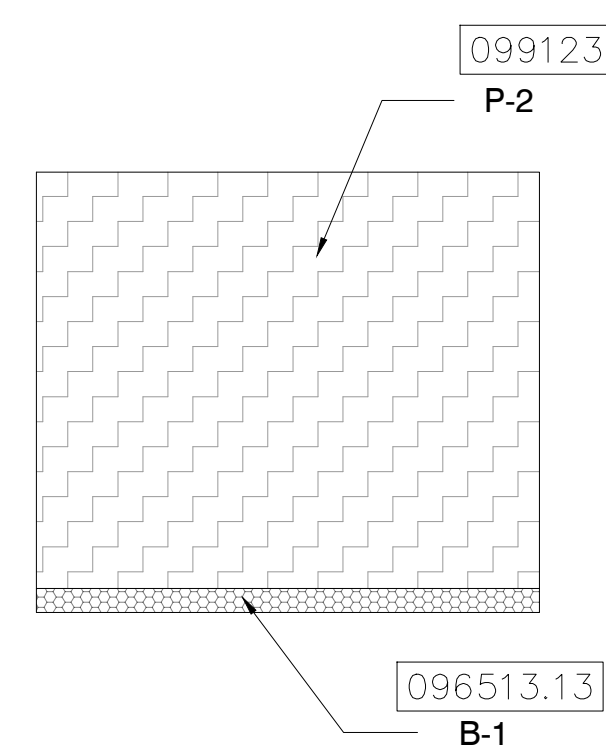


**3 NETWORK ROOM 2i REFLECTED CEILING PLAN - DEMO**

**4 NETWORK ROOM 2i REFLECTED CEILING PLAN - PROPOSED**

1/4" = 1'-0"

1/4" = 1'-0"



**5 ELEVATION**

**6 ELEVATION**

**7 ELEVATION**

**8 ELEVATION**

**9 ELEVATION**

1/4" = 1'-0"

1/4" = 1'-0"

1/4" = 1'-0"

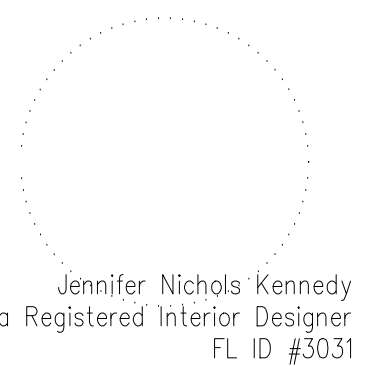
1/4" = 1'-0"

1/4" = 1'-0"

PROJECT

**OCCC NETWORK AND WELLNESS ROOMS**  
NORTH-SOUTH BUILDING  
ORANGE COUNTY CONVENTION CENTER  
9800 INTERNATIONAL DRIVE  
Orlando, FL, 32819

SEAL



ISSUED FOR

100% BID DOCUMENTS

PROJECT INFORMATION

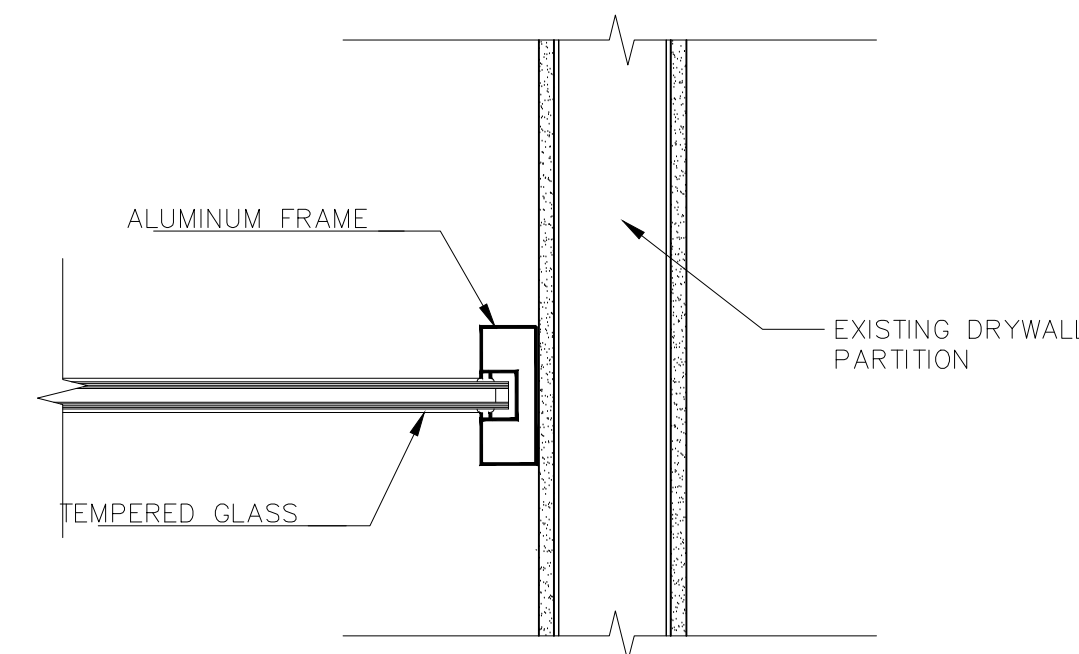
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76916  
**DATE:**  
03/20/2019  
**SCALE:**  
1 1/2"=1'-0"  
**DRAWN BY:**  
KG  
**CHECKED BY:**  
JNK

DRAWING NUMBER

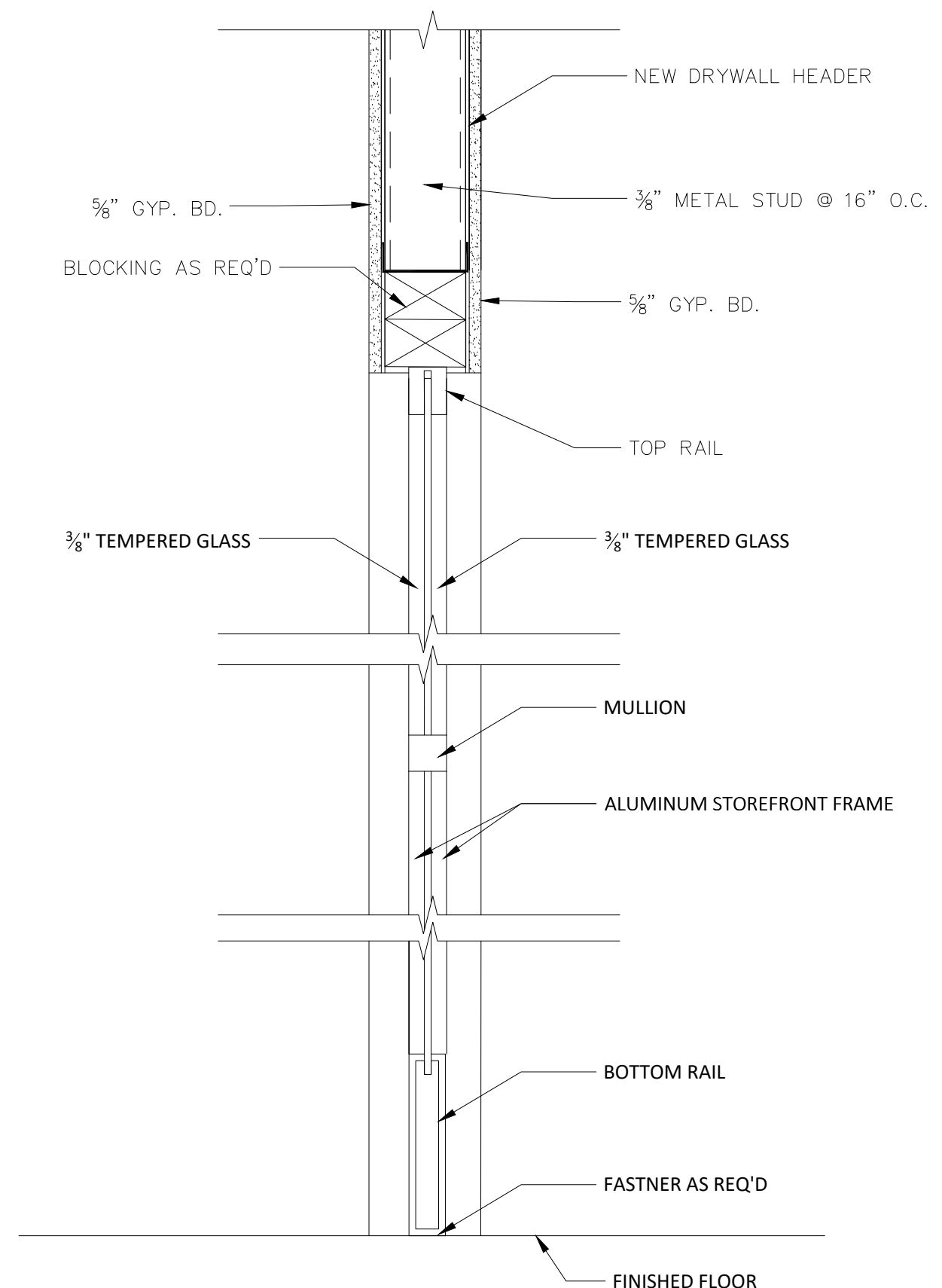
SECTIONS AND PLAN DETAILS

**16.101**

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**1** PLAN DETAIL - STOREFRONT TO PARTITION  
1 1/2"=1'-0"



**2** W2- STOREFRONT SECTION  
1 1/2"=1'-0"

**FINISH CODE SCHEDULE**

INTERIOR PAINT CODE SCHEDULE							
REV No.	CODE	MFR	COLOR NUMBER	COLOR	TYPE	SHEEN	REMARKS
	P-1	Not Used					
	P-2	Sherwin-Williams	SW7531	Canvas Tan	Alkyd Enamel	Satin	Gyp. Board Walls, as indicated
	P-3	Sherwin-Williams	SW7005	Pure White	Alkyd Enamel	Satin	Ceilings and Soffits
	P-4	Sherwin-Williams	--	Match Existing	Alkyd Enamel	Satin	Gyp. Board Walls, Color to Match Existing, as indicated in North - South Building

**KEY NOTES:**

- 097723 FABRIC WRAPPED PANELS
- 099123 INTERIOR PAINTING
- 097200 WALLCOVERING
- 096513.13 RESILIENT BASE
- 092116 GYP BOARD STUD WALL PARTITION

**ABBREVIATIONS :**

- AL ALUMINUM
- GL GLASS
- P INTERIOR PAINT
- TEMP TEMPERED

**GENERAL NOTES:**

1. ALL DEBRIS SHALL BE REMOVED FROM PREMISES AND ALL AREAS SHALL BE KEPT IN A "BROOM CLEAN" CONDITION DAILY.
2. THE GENERAL CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN THIS DEMOLITION AND SHALL REPAIR, AT THEIR COST, ADJACENT CONDITIONS WHICH ARE DAMAGED AS A RESULT OF THIS DEMOLITION.
3. PRIOR TO START OF DEMOLITION, CONTRACTOR SHALL COORDINATE WITH OWNER TO REMOVE ALL FF&E, INCLUDING, BUT NOT LIMITED TO PLANTS, PLANTERS, TRASH RECEPTACLES, FURNITURE, ARTWORK, SCULPTURE
4. THE GENERAL CONTRACTOR SHALL PROTECT ALL ADJACENT FINISHES THAT SHALL REMAIN. FROM DAMAGE DURING DEMOTION AND CONSTRUCTION.
5. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE EXISTING UTILITIES WHETHER SHOWN HEREIN OR NOT, AND TO PROTECT THEM FROM DAMAGE. THE CONTRACTOR SHALL BEAR ALL EXPENSE OF REPAIR OR REPLACEMENT OF UTILITIES OR PROPERTY DAMAGED BY OPERATIONS IN CONJUNCTION WITH THE DEMOLITION WORK.
6. THE CONTRACTOR SHALL COORDINATE WITH BUILDING OWNER PRIOR TO START OF ANY DEMOLITION TO REVIEW SPECIAL PROCEDURES, PARKING, BADGING, SECURITY AND ANY OTHER PROCESSES REQUIRED.
7. ALL EXISTING DRYWALL SOFFITS SHALL REMAIN UNLESS OTHERWISE NOTED
8. DEMOLITION WORK SHALL BE EXECUTED IN CONFORMANCE WITH THE LOCAL BUILDING CODES.
9. THE CONTRACTOR SHALL NOTIFY THE INTERIOR DESIGNER IMMEDIATELY IF INFORMATION IS NOT SHOWN ON THE DRAWINGS OR IS UNCLEAR.
10. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS AND EXISTING CONDITIONS PRIOR TO STARTING WORK AND REPORT ANY DISCREPANCIES IN WRITING TO THE INTERIOR DESIGNER. ANY WORK INSTALLED IN CONFLICT WITH THE INTERIOR DESIGN DRAWINGS SHALL BE CORRECTED BY THE CONTRACTOR AT HIS EXPENSE.
11. CEILING HEIGHT DIMENSIONS ARE FOR REFERENCE ONLY, ALL CEILING HEIGHTS TO REMAIN AS EXISTING UNLESS OTHERWISE NOTED.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SECURITY OF THE CONSTRUCTION SITE WHILE WORK IS IN PROGRESS, UNTIL WORK IS COMPLETE
13. IF HAZARDOUS MATERIALS ARE FOUND, ALL WORK SHALL CEASE. THE CONTRACTOR SHALL CONTACT THE OWNER IMMEDIATELY TO DETERMINE THE APPROPRIATE NEXT STEPS FOR REMOVAL.
14. THE CONTRACTOR SHALL COORDINATE WITH OCC STAFF TO DETERMINE IF FIRE ALARM SYSTEMS ARE TO BE SHUT DOWN OR PROTECTED DURING WORK.
15. ALL SPRINKLER HEADS SHALL BE COVERED TO PROTECT THEM FROM CONSTRUCTION DUST AND PAINT DURING THE PROJECT.
16. ALL MECHANICAL DEVICES SHALL BE COVERED AND SECURED DURING THE DEMOLITION AND INSTALLATION OF NEW CEILING SYSTEMS.
17. ALL SMOKE DETECTORS SHALL BE COVERED TO PROTECT THEM FROM CONSTRUCTION DUST AND PAINT DURING THE PROJECT AND MUST BE TESTED AND SHOWN TO BE IN GOOD WORKING ORDER UPON COMPLETION OF THE PROJECT.
18. CONTRACTOR SHALL REMOVE ALL SPEAKERS, WIRELESS ACCESS POINTS AND OTHER CEILING MOUNTED DEVICES AND COORDINATE WITH OCC STAFF FOR RE-INSTALLATION OR INSTALLATION OF NEW DEVICES.



205 E. Central Blvd.  
Suite 500  
Orlando, FL 32801  
Phone 407.644.2445  
Fax 407.644.0445  
www.tjngpartners.com

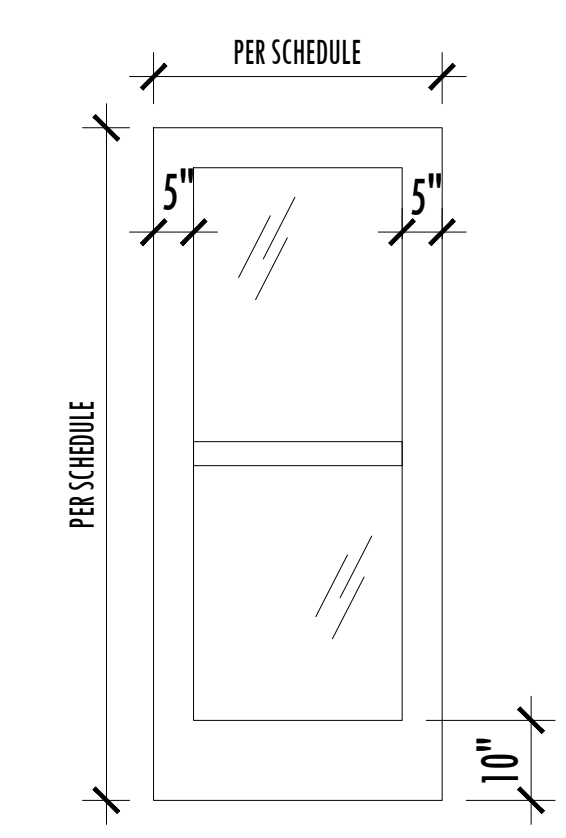
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PROJECT

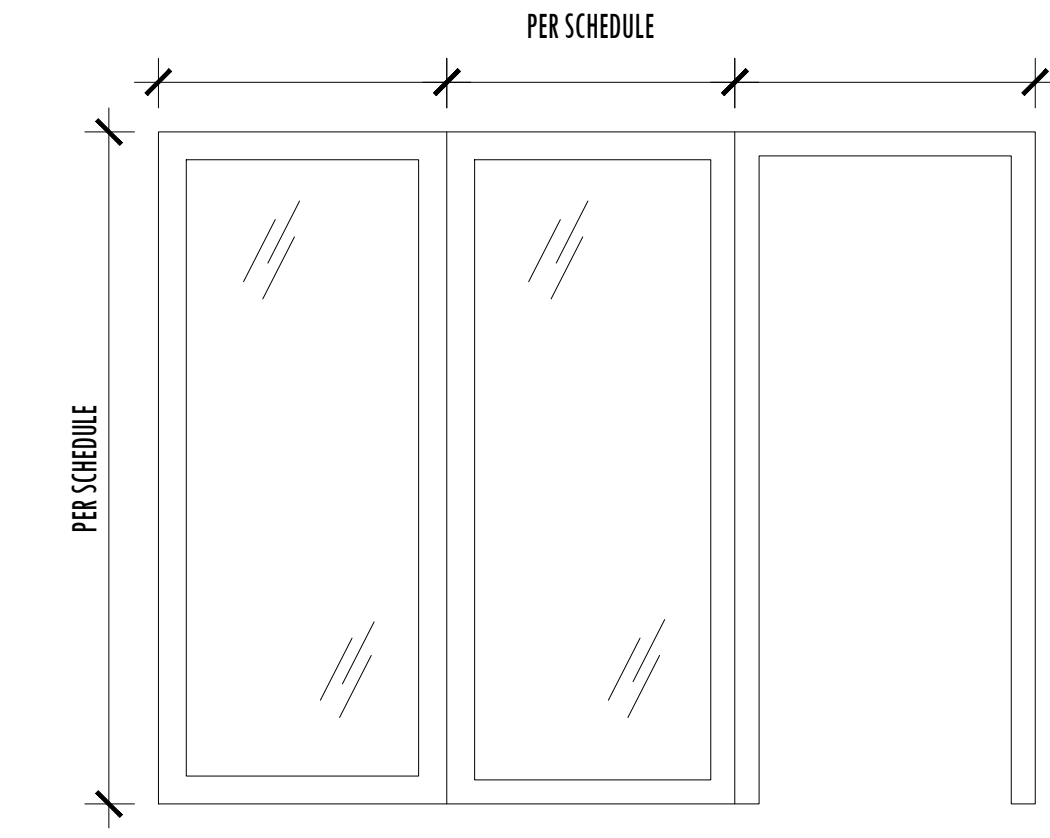
**OCCC NETWORK AND WELLNESS ROOMS**  
**NORTH-SOUTH BUILDING**  
**ORANGE COUNTY CONVENTION CENTER**  
 9800 INTERNATIONAL DRIVE  
 Orlando, FL, 32819

**INTERIOR DOOR SCHEDULE**

	Door								Opening Frame		Hardware	Remarks
	Size			Type	Base Material	Finish Material	Finish Code	Glass Type	Type	Finish Code		
	Width	Height	Thk									
200G	3'-0"	7'-0"	1-3/4"	B	AL/GL	N/A	N/A	TEMP	2	N/A	COMMERCIAL GRADE, ADA APPROVED LEVER SET, NO LOCKSET	
200I	3'-0"	7'-0"	1-3/4"	B	AL/GL	N/A	N/A	TEMP	2	N/A	COMMERCIAL GRADE, ADA APPROVED LEVER SET, NO LOCKSET	

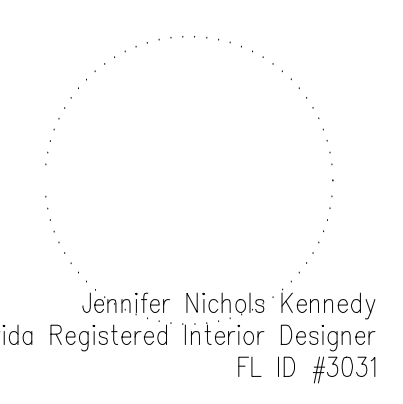


B  
ALUM  
W/ GLASS



2  
ALUM  
W/ GLASS

SEAL



ISSUED FOR

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PROJECT INFORMATION

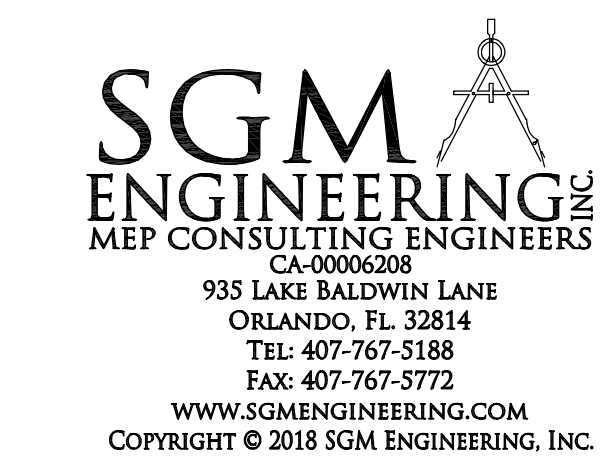
**PROJECT NUMBER:**  
76916  
**DATE:**  
03/20/2019  
**SCALE:**  
N.T.S.  
**DRAWN BY:**  
KG  
**CHECKED BY:**  
JNK

DRAWING NUMBER

FINISH CODE SCHEDULE, DOOR SCHEDULE AND NOTES

**18.100**

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Client Name:  
**Orange County Convention Center**  
 NORTH/SOUTH CONCOURSE  
 9899 INTERNATIONAL DR.  
 ORLANDO, FL 32819

THE FIRE SUPPRESSION ENGINEERING DOCUMENTS AND BOOK SPECIFICATIONS ARE PREPARED EXCLUSIVELY FOR THIS PROJECT AND ARE IN CONFORMANCE WITH THE FOLLOWING STANDARD. THE INSTALLING CONTRACTOR IS RESPONSIBLE FOR PREPARING WORKING PLANS AND HYDRAULIC CALCULATIONS AS REFERRED BY 2013 ED. NFPA 13. THE LAYOUT DOCUMENTS AND HYDRAULIC CALCULATIONS SHALL BE SUBMITTED TO THE ENGINEER OF RECORD FOR REVIEW AND APPROVAL. THE APPROVED SHOP DRAWINGS AND HYDRAULIC CALCULATIONS SHALL BE SUBMITTED TO THE LOCAL AUTHORITY HAVING JURISDICTION FOR FINAL APPROVAL AND BUILDING PERMIT.

**§1615-32.003 COMMON REQUIREMENTS TO ALL FIRE PROTECTION ENGINEERING DOCUMENTS.**

- THE FIRE PROTECTION SYSTEM ENGINEERING DOCUMENTS SHALL PROVIDE THE ENGINEERING REQUIREMENTS TO BE USED IN THE PREPARATION OF THE FIRE PROTECTION SYSTEM LAYOUT DOCUMENTS AND TO INDICATE THE NATURE AND SCOPE OF THE WORK, AND TO DESCRIBE, DETAIL, DIMENSION, LABEL AND DEFINE THE FIRE PROTECTION COMPONENTS, SYSTEMS, MATERIALS, ASSEMBLIES, EQUIPMENT AND ITS STRUCTURAL AND UTILITY SUPPORT SYSTEM(S), INsofar AS THEY INVOLVE THE SAFEGUARDING OF LIFE, HEALTH OR PROPERTY.
- THE FIRE PROTECTION SYSTEM ENGINEERING DOCUMENTS SHALL SPECIFY THE APPLICABLE REQUIREMENTS FOR THE ACCEPTANCE TESTING OF THE FIRE PROTECTION SYSTEM AND COMPONENTS, WHICH SHALL BE BASED UPON APPLICABLE CODES AND STANDARDS, WHERE AVAILABLE.
- THE OCCUPANCY OF THE AREA OR DESCRIPTION OF A SPECIFIC HAZARD BEING PROTECTED BY THE FIRE PROTECTION SYSTEM(S) SHALL BE SHOWN ON THE FIRE PROTECTION SYSTEM ENGINEERING DOCUMENTS.
- THE APPLICABLE CODE AND STANDARD TO BE USED IN THE PREPARATION OF THE FIRE PROTECTION SYSTEM LAYOUT DOCUMENTS SHALL BE SHOWN ON THE FIRE PROTECTION SYSTEM ENGINEERING DOCUMENTS. WHEN CODES AND STANDARDS ARE NOT AVAILABLE OR APPLICABLE, AND SAID LAYOUT DOCUMENTS ARE TO BE BASED ON ENGINEERING JUDGMENT, ANY REASONS AND ASSUMPTIONS MADE TO DEVELOP THE FIRE PROTECTION CONCEPT SHALL BE IDENTIFIED ON THE FIRE PROTECTION SYSTEM ENGINEERING DOCUMENTS.
- STRUCTURAL SUPPORT AND STRUCTURAL OPENINGS REQUIRED BY THE FIRE PROTECTION SYSTEM SHALL BE SHOWN ON THE FIRE PROTECTION SYSTEM ENGINEERING DOCUMENTS AND SHALL BE REFERENCED ON STRUCTURAL ENGINEERING DOCUMENTS.
- WHEN LAYOUT DOCUMENTS CONTAIN MATERIAL DEVIATION FROM THE ENGINEER OF RECORD'S FIRE PROTECTION SYSTEM ENGINEERING DOCUMENT, SUCH LAYOUT DOCUMENTS ARE NOT COMPLIANT UNLESS THEY ARE ACCOMPANIED BY REVISED ENGINEERING DOCUMENTS MADE AND SEALED BY THE ENGINEER OF RECORD FOR THE FIRE PROTECTION SYSTEM.
- REQUIREMENTS FOR ACTIVATION CONTROL SYSTEMS, SEQUENCE, OPERATING PARAMETERS, INTERLOCKS, SAFETY RELATED DEVICES, INDICATORS AND ALARMS, SHALL BE SHOWN ON THE FIRE PROTECTION SYSTEM ENGINEERING DOCUMENTS, UNLESS SHOWN ON OTHER RELATED DOCUMENTS.
- ANY INFORMATION DEEMED APPROPRIATE BY THE ENGINEER OF RECORD TO ASSIST THE AUTHORITY HAVING JURISDICTION IN UNDERSTANDING THE OWNER'S INTENDED USE AND PROPOSED PROTECTION OF THE BUILDING OR FACILITY AND TO PROVIDE SUFFICIENT DIRECTION TO THE INSTALLATION CONTRACTOR OR OTHER INTERESTED PARTIES REGARDING THE LAYOUT OF THE SYSTEM(S), SHALL BE INCLUDED IN THE FIRE PROTECTION SYSTEM ENGINEERING DOCUMENTS.

SPECIFIC AUTHORITY 471.008, 471.033(2), FS  
 LAW IMPLEMENTED 471.005(7), 471.033(2), FS  
 HISTORY-NEW 5-19-93, FORMERLY 21H-32.003, AMENDED 4-2-2000, 6-26-01

**§1615-32.004 DESIGN OF WATER BASED FIRE PROTECTION SYSTEMS.**

- WATER BASED FIRE PROTECTION SYSTEMS INCLUDE, BUT ARE NOT LIMITED TO, AUTOMATIC SPRINKLER SYSTEMS OF WET, DRY, FINE WATER SPRAY (MIST), MANUAL AND DELUGE VALVE CONTROLLED TYPES, PUMPING SYSTEMS, STANDPIPES, FIRE WATER MAINS AND DEDICATED FIRE PROTECTION WATER SOURCES.
- TO ENSURE MINIMUM DESIGN QUALITY IN FIRE PROTECTION SYSTEM ENGINEERING DOCUMENTS, SAID DOCUMENTS SHALL INCLUDE AS A MINIMUM THE FOLLOWING INFORMATION WHEN APPLICABLE:
  - THE POINT OF SERVICE FOR THE FIRE PROTECTION WATER SUPPLY AS DEFINED BY 633.021(18) F.S.
  - APPLICABLE NFPA STANDARD TO BE APPLIED, OR IN THE CASE WHERE NO SUCH STANDARD EXISTS, THE ENGINEERING STUDY, JUDGMENTS, AND/OR PERFORMANCE BASED ANALYSIS AND CONCLUSIONS.
- CLASSIFICATION OF HAZARD OCCUPANCY FOR EACH ROOM OR AREA.
- DESIGN APPROACH, WHICH INCLUDES SYSTEM TYPE, DENSITIES, DEVICE TEMPERATURE RATING, AND SPACING FOR EACH SEPARATE HAZARD OCCUPANCY.
- CHARACTERISTICS OF WATER SUPPLY TO BE USED, SUCH AS MAIN SIZE AND LOCATION, WHETHER IT IS DEAD-END OR CIRCULATING; AND IF DEAD-END, THE DISTANCE TO THE NEAREST CIRCULATING MAIN, AS WELL AS ITS MINIMUM DURATION AND RELIABILITY FOR THE MOST HYDRAULICALLY DEMANDING DESIGN AREA.
- WHEN PRIVATE OR PUBLIC WATER SUPPLIES ARE USED, THE FLOW TEST DATA, INCLUDING DATE AND TIME OF TEST, WHO CONDUCTED TEST OR SUPPLIED INFORMATION, TEST ELEVATION, STATIC GAUGE PRESSURE AT NO FLOW, FLOW RATE WITH RESIDUAL GAUGE PRESSURE, HYDRANT BUTT COEFFICIENT, AND LOCATION OF TEST IN RELATION TO THE HYDRAULIC POINT OF SERVICE.
- VALVING AND ALARM REQUIREMENTS TO MINIMIZE POTENTIAL FOR IMPAIRMENTS AND UNRECOGNIZED FLOW OF WATER.
- MICROBIAL INDUCED CORROSION (MIC), THE ENGINEER OF RECORD SHALL MAKE REASONABLE EFFORTS TO IDENTIFY WATER SUPPLIES THAT COULD LEAD TO MICROBIAL INDUCED CORROSION (MIC), SUCH EFFORTS MAY CONSIST OF DISCUSSIONS WITH THE LOCAL WATER PURVEYOR AND/OR FIRE OFFICIAL, FAMILIARITY WITH CONDITIONS IN THE LOCAL AREA, OR LABORATORY TESTING OF WATER SUPPLIES, WHEN CONDITIONS ARE FOUND THAT MAY RESULT IN MIC CONTAMINATION OF THE FIRE PROTECTION PIPING, THE ENGINEER SHALL DESIGN CORRECTIVE MEASURES.
- BACKFLOW PREVENTION AND METERING SPECIFICATIONS AND DETAILS TO MEET LOCAL WATER PURVEYOR REQUIREMENTS INCLUDING MAXIMUM ALLOWABLE PRESSURE DROP.
- QUALITY AND PERFORMANCE SPECIFICATIONS OF ALL YARD AND INTERIOR FIRE PROTECTION COMPONENTS.
- CONTRACTOR SUBMITTALS WHICH DEVIATE FROM THE ABOVE MINIMUM DESIGN PARAMETERS SHALL BE CONSIDERED MATERIAL DEVIATIONS AND REQUIRE SUPPLEMENTAL ENGINEERING APPROVAL AND DOCUMENTATION.
- IN THE EVENT THE ENGINEER OF RECORD PROVIDES MORE INFORMATION AND DIRECTION THAN IS ESTABLISHED ABOVE, HE OR SHE SHALL BE HELD RESPONSIBLE FOR THE TECHNICAL ACCURACY OF THE WORK IN ACCORDANCE WITH APPLICABLE CODES, STANDARDS, AND SOUND ENGINEERING PRINCIPLES.

SPECIFIC AUTHORITY 471.008, 471.033(2), FS  
 LAW IMPLEMENTED 471.005(7), 471.033(2), FS  
 HISTORY-NEW 5-19-93, FORMERLY 21H-32.004, AMENDED 4-2-2000, 6-26-01, 7-12-05

SYMBOL	DESCRIPTION
—	SPRINKLER BRANCH PIPING
—	FEED-MAIN PIPING
—	UNDERGROUND FIRE MAIN PIPING
---	EXISTING SPRINKLER PIPING
/ / / / /	EXISTING SPRINKLERS AND/OR PIPING TO BE REMOVED
⊗	SPRINKLER OR STANDPIPE PIPE RISER LOCATION
—	SPRINKLER PIPING UP
—	SPRINKLER PIPING DOWN
⊕	VICTAULIC TESTMASTER II #720 TEST AND DRAIN WITH SPLASH BLOCK
⊗	REFERENCE NOTE CALLOUT
—	POINT OF CONNECTION
⊕	POINT OF SERVICE FOR THE FIRE PROTECTION WATER SUPPLY
~	CONTINUATION
—	BACKFLOW PREVENTOR
—	FIRE HYDRANT
—	FREE STANDING POST INDICATOR VALVE WITH TAMPER SWITCH
—	FIRE DEPARTMENT CONNECTION WITH (2) 2" HOSE VALVE CONNECTIONS
—	CHECK VALVE
—	STANDPIPE WITH FIRE DEPARTMENT VALVE
—	DRY-VALVE LOCATION
—	CONTROL VALVE WITH TAMPER SWITCH
—	BUTTERFLY VALVE WITH TAMPER SWITCH IN VERTICAL
—	BUTTERFLY VALVE WITH TAMPER SWITCH
—	FLOW SWITCH
—	HOSE VALVE CABINET
—	FLUSHING CONNECTION

**OCCUPANCY CLASSIFICATIONS AS NOTED ON PLANS**

OCCUPANCY CLASSIFICATION: LIGHT HAZARD  
 SYSTEM TYPE: WET PIPE  
 DESIGN DENSITY: .10 GPM/SQ. FT.  
 HYDRAULIC REMOTE AREA: 1,500 SQ. FT.  
 SPRINKLER ORIFICE SIZE: 1/2"  
 DURATION OF SUPPLY: 30 MIN  
 MAXIMUM COVERAGE/SPRINKLER HEAD: 225 SQ. FT.  
 HOSE STREAM ALLOWANCE: 100 GPM

OCCUPANCY CLASSIFICATION: ORDINARY HAZARD GROUP I  
 SYSTEM TYPE: WET PIPE  
 DESIGN DENSITY: .15 GPM/SQ. FT.  
 HYDRAULIC REMOTE AREA: 1,500 SQ. FT.  
 SPRINKLER ORIFICE SIZE: 1/2"  
 DURATION OF SUPPLY: 60 - 90 MIN.  
 MAXIMUM COVERAGE/SPRINKLER HEAD: 130 SQ. FT.  
 HOSE STREAM ALLOWANCE: 250 GPM

**DESIGN CRITERIA:**  
 THE FOLLOWING PUBLICATIONS SHALL BE USED AS A REFERENCE FOR DESIGN OF THE FIRE SUPPRESSION SYSTEM ON THIS PROJECT:

- NFPA 13 (2013 ED.), INSTALLATION OF SPRINKLER SYSTEMS
- 2017 (8TH EDITION) FLORIDA BUILDING CODE BUILDING
- 2017 (8TH EDITION) FLORIDA FIRE PREVENTION CODE
- FACTORY MUTUAL (FM)

**FLOW TEST INFORMATION:**

EXISTING FIRE PUMP #1 FEERLESS PUMP MODEL 6AEF18, 1 STAGE RATED GPM = 1500 GPM RATED PSI = 135 PSI RATED RPM = 1770 RPM STATIC PSI DOWNSTREAM OF PUMP = 150 PSI	EXISTING FIRE PUMP #2 AURORA PUMP MODEL 8-81-1TB RATED GPM = 2500 GPM RATED PSI = 95 PSI RATED RPM = 1770 RPM STATIC PSI DOWNSTREAM OF PUMP = 160 PSI
--	--

**WATER SUPPLY NOTES:**

- THE EXISTING WATER SUPPLY HAS NO REPORTED CASES OF M.I.C. - THE WATER SYSTEM IS TREATED WITH A CORROSION INHIBITOR.

**GENERAL NOTES:**

- THE FIRE PROTECTION SYSTEMS SHALL COMPLY WITH THE ABOVE REFERENCED NFPA STANDARDS AND ALL STATE AND LOCAL CODES AND REQUIREMENTS.
- FINAL SYSTEM ACCEPTANCE AND APPROVAL SHALL BE CONDUCTED BY THE LOCAL A.H.J. AND ARCHITECT/ENGINEER.
- CONTRACTOR'S SPRINKLER SYSTEM LAYOUT (SHOP DRAWINGS), HYDRAULIC CALCULATIONS AND MATERIAL DATA SHALL BE SUBMITTED TO THE ARCHITECT/ENGINEER AND STATE FIRE MARSHAL FOR APPROVAL PRIOR TO SYSTEM INSTALLATION.
- THE FIRE PROTECTION SYSTEMS SHOWN REPRESENT THE DESIGN INTENT OF THE ENGINEER OF RECORD, IN ACCORDANCE WITH STATE REGULATION §1615-32. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE INSTALLATION WITH ALL OTHER TRADES. THE CONTRACTOR SHALL PROVIDE COMPLETE SPRINKLER SYSTEM LAYOUT DRAWINGS WITH ANY ADDITIONAL OFFSETS, SPRINKLERS OR SYSTEM COMPONENTS AS REQUIRED FOR A COMPLETE AND OPERABLE SYSTEM AND TO AVOID CONFLICTS WITH OTHER TRADES.
- SEE ARCHITECTURAL REFLECTED CEILING PLANS FOR CEILING TYPES, HEIGHTS AND ALL ASSOCIATED DATA.
- PROVIDE FIRE STOP ASSEMBLIES FOR ALL PENETRATIONS OF SMOKE/FIRE WALLS, CEILING AND FLOORS, FIRE STC ASSEMBLIES SHALL MEET ASTM E-814. SEE FIRE RATED PIPE PENETRATION DETAILS.
- ALL DRAIN AND DRY PIPE SYSTEM PIPING AND FITTINGS SHALL BE GALVANIZED BOTH INSIDE AND OUTSIDE.
- INSTALL ADDITIONAL SPRINKLERS UNDER ALL EXPOSED DUCTWORK OR OBSTRUCTIONS OR COMBINATIONS OF OBSTRUCTIONS EXCEEDING 4" IN WIDTH. PROVIDE ADDITIONAL SPRINKLERS AS REQUIRED FOR PROPER COVERAG THROUGHOUT IN ACCORDANCE WITH NFPA 13 AND ALL OTHER APPLICABLE CODES AND STANDARDS.
- ALL SPRINKLER HEADS INSTALLED WITHIN MECHANICAL ROOMS, STORAGE ROOMS, JANITORS CLOSETS OR AREAS SUBJECT TO MECHANICAL INJURY SHALL BE PROTECTED WITH LISTED GUARDS.
- COORDINATE PIPE ROUTING WITH DUCT ROUTING, EQUIPMENT LOCATIONS, ELECTRICAL INSTALLATIONS AND BUILDING STRUCTURAL MEMBERS. DO NOT ROUTE PIPING OVER ELECTRICAL PANELS. PIPING ROUTED OVER ELECTRICAL PANELS SHALL BE REROUTED AT NO ADDITIONAL COST.
- PROVIDE TAMPER SWITCHES ON ALL CONTROL VALVES.
- SLOPE ALL PIPING TO THE SYSTEM MAIN DRAWN AS REQUIRED TO INSURE PROPER DRAINAGE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSURE THAT ALL PIPING IS DRAINABLE. ADDITIONAL DRAINS AND PLUGS SHALL BE INSTALLED WHERE REQUIRED TO COMPLY WITH THE ABOVE REFERENCED CODES.
- ALL ROLL GROOVED AND CUT GROOVED COUPLINGS AND FITTINGS SHALL BE PROVIDED BY A SINGLE MANUFACTURER.
- SPRINKLERS SHALL BE CENTERED IN CEILING TILES IN AREAS WITH LAY-IN TILES AND VISUALLY ALIGNED IN AREAS WITH SMOOTH CEILINGS.
- THIS BUILDING'S STRUCTURAL SYSTEM HAS BEEN DESIGNED TO SUPPORT THE ADDITIONAL WEIGHT ASSOCIATED WITH THE SPRINKLER SYSTEM.
- EXTENDED COVERAGE SPRINKLERS SHALL NOT BE SUBMITTED OR INSTALLED ON THIS PROJECT.

**FIRE SPRINKLER HEAD LEGEND**

SYMBOL	ORIFICE	TEMP	RESPONSE	K-FAC	FINISH	STYLE	MODEL #	MFG.
●	1/2"	155°	QUICK	5.6	WHITE	CONCEALED WITH COVER PLATE	VK482	VIKING
⊗	1/2"	155°	QUICK	5.6	BRASS	UPRIGHT	VK300	VIKING
○	1/2"	155°	QUICK	5.6	BRASS	UPRIGHT W.GUARD	VK300	VIKING
▭	1/2"	155°	QUICK	5.6	WHITE	DRY PENDENT	VK180	VIKING
▣	1/2"	155°	QUICK	5.6	WHITE	PENDENT WINDOW SPRINKLER	TY3488	TYCO
▶	1/2"	155°	QUICK	5.6	WHITE	CONCEALED WITH COVER PLATE AND PROVIDE F-1 WATER SHIELD	VK482	VIKING

**NOTES:**

- ALL CONCEALED SPRINKLER COVER PLATES SHALL MATCH ADJACENT FINISHES THROUGHOUT.
- INSTALLING CONTRACTOR SHALL PROVIDE TO THE OWNER AN ADDITIONAL 10% OF ATIC STOCK OF EACH DIFFERENT TYPE OF SPRINKLER.

**FIRE PROTECTION ABBREVIATIONS**

ABOVE FINISHED FLOOR	AFF
BELOW FINISHED GRADE	BFG
BELOW FINISHED FLOOR	BFF
CONTINUATION	CONT
CONNECTION	CONN
DIAMETER	DIA
DOWN	DN
UP	UP
NOT IN CONTRACT	NIC
NOT TO SCALE	NTS
NO SPRINKLER	N/A
SQUARE FEET	SF
POINT OF CONNECTION	P.O.C.
UNLESS NOTED OTHERWISE	U.N.O.
BOTTOM OF RISER	B.O.R.
TOP OF RISER	T.O.R.

**NOTE:**  
 PROVIDE AUXILIARY DRAINS ON ALL TRAPPED SECTIONS OF PIPE GREATER THAN 5 GALLONS WITH A 2" PIPE AND CAP OR PLUG. PROVIDE AUXILIARY DRAINS ON TRAPPED SECTIONS OF PIPE GREATER THAN 50 GALLONS WITH A 1" VALVE PIPED TO AN ACCESSIBLE LOCATION.

**HYDRAULICALLY CALCULATED PIPE CHART FOR BUILDING SYSTEM PIPING (STEEL)**

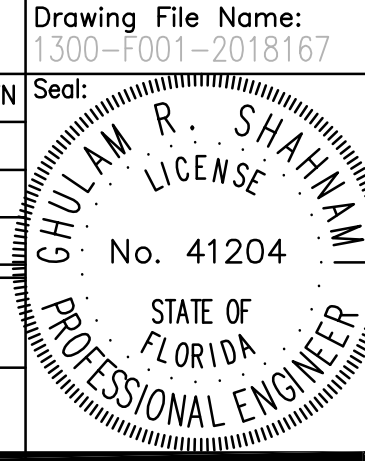
OCCUPANCY TYPE:	LH	OH1	OH2
PIPE SERVING 1 SPRINKLER:	1"	1"	1"
PIPE SERVING 2-3 SPRINKLERS:	1 1/2"	1 1/2"	1 1/2"
PIPE SERVING 4-5 SPRINKLERS:	1 1/2"	1 1/2"	1 1/2"
PIPE SERVING 6-7 SPRINKLERS:	2"	2"	2"
PIPE SERVING 8-10 SPRINKLERS:	2 1/2"	2 1/2"	2 1/2"
ALL CROSS MAIN PIPING, (UNLESS OTHERWISE NOTED)	8"	8"	8"

Issue: 03-19-19 100% BID DOCUMENTS

No.	Date	Description

Project Name:  
**OCCC NETWORK WELLNESS ROOM BUILDOUTS NORTH-SOUTH BUILDING**

Project Number: 2018-167  
 Drawing File Name: F001-FOI-2018-167  
 Scale: AS SHOWN  
 Design By: JS  
 Drawn By: JS  
 Checked By: JS  
 Engineer of Record: GHUAM R. SHANNI  
 License Number: FL41204



Sheet Name:  
**FIRE PROTECTION GENERAL SYMBOLS & LEGEND**

Sheet Number:  
**F0.001**

**FIRE PROTECTION GENERAL SYMBOLS & LEGEND**

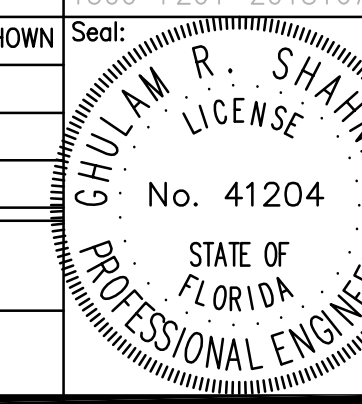
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Issue: 03-19-19 100% BID DOCUMENTS

No.	Date	Description

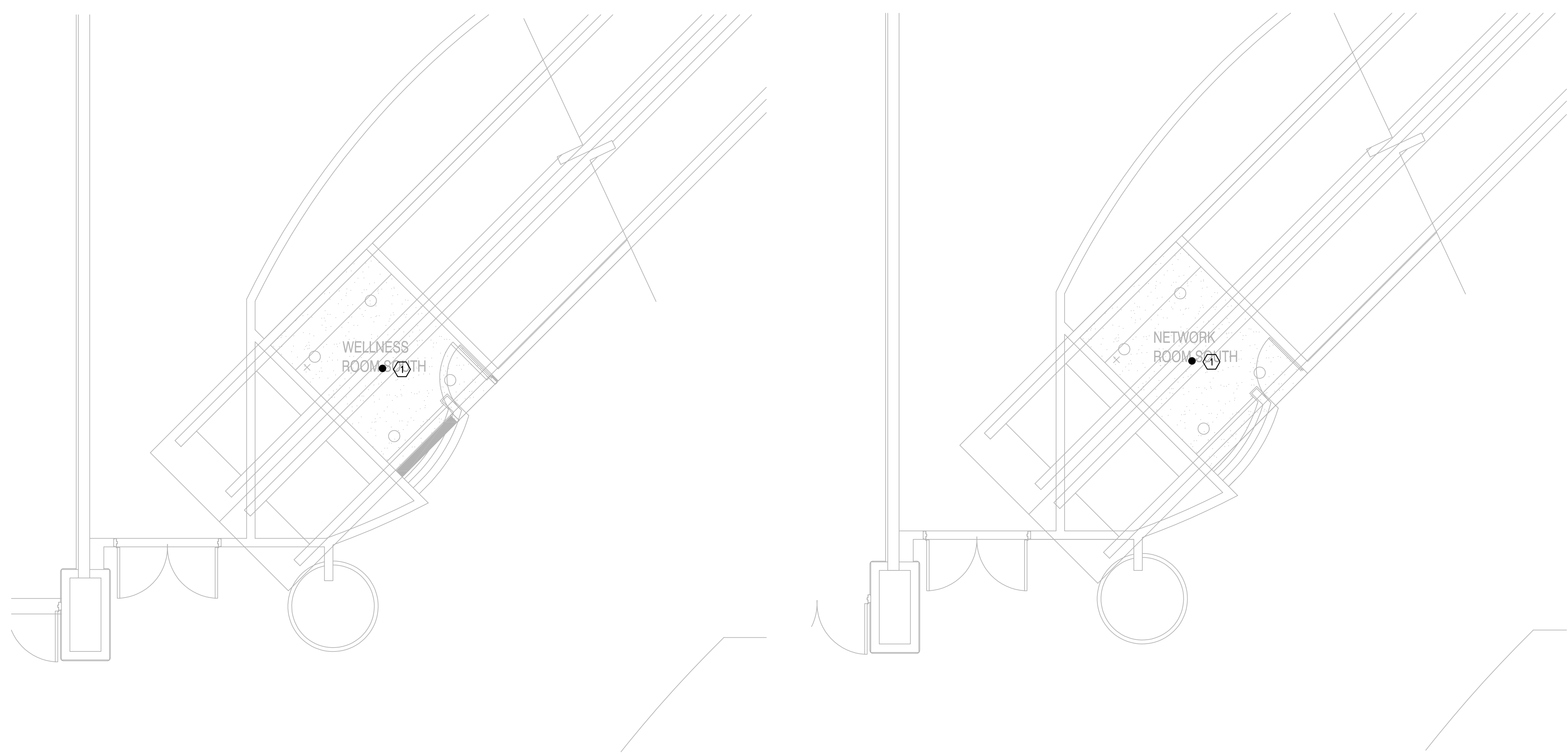
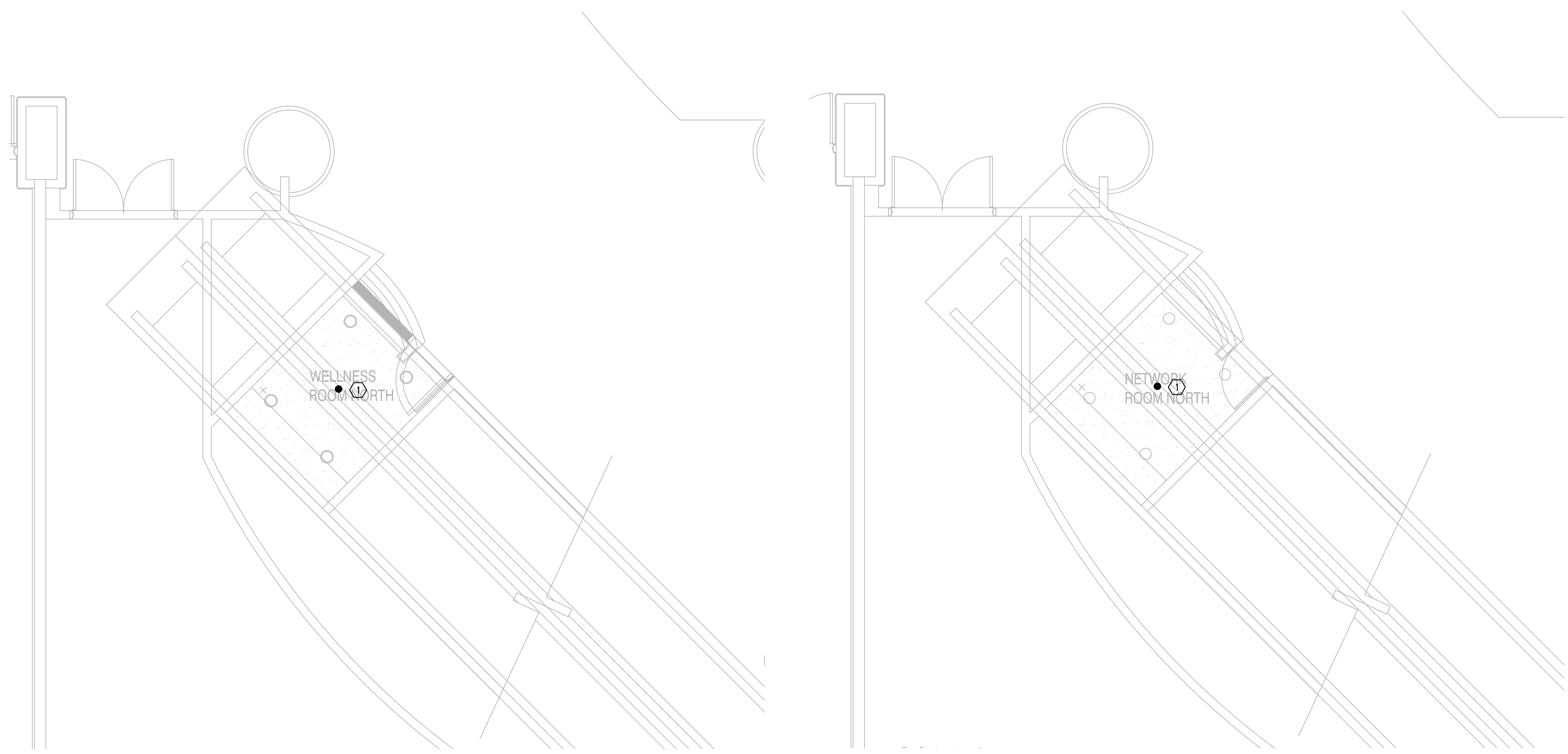
Project Name:  
**OCCC NETWORK WELLNESS ROOM BUILDOUTS NORTH-SOUTH BUILDING**

Project Number: 2018-167      Drawing File Name: 1500-F201-2018167  
 Scale: AS SHOWN      Seat:  
 Design By: JS  
 Drawn By: JS  
 Checked By: JS  
 Engineer of Record:  
 OLEAM R. SHANNAN  
 License Number: FL41204



Sheet Name:  
**FIRE PROTECTION FLOOR PLANS- LEVEL 2**

Sheet Number:  
**F2.001**



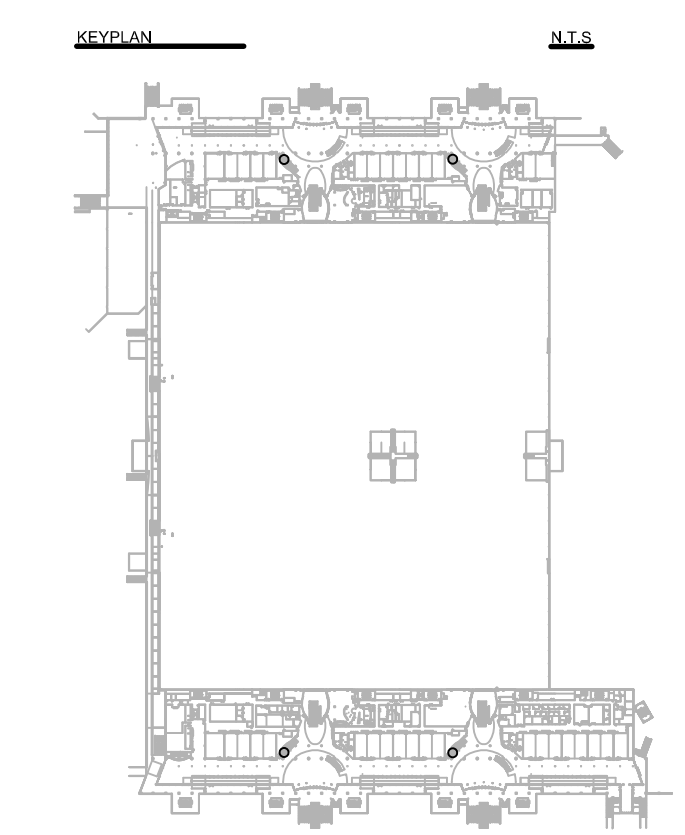
**FIRE PROTECTION FLOOR PLANS- LEVEL 2**  
 SCALE: 1/4"=1'-0"

**GENERAL NOTES:**

- a. SEE ARCHITECTURAL PLANS FOR CEILING HEIGHTS.
- b. ALL AREAS WITHIN THE AREA OF WORK SHALL BE FULLY SPRINKLER PROTECTED IN ACCORDANCE WITH ALL APPLICABLE CODES AND STANDARDS.
- c. ALL NEW SPRINKLERS SHALL BE SUPPLIED BY THE EXISTING OVERHEAD FIRE SPRINKLER SYSTEM. FIELD VERIFY ALL SPRINKLER PIPE ROUTING, SIZES, AND LOCATIONS OF THE HORIZONTAL SPRINKLER RISERS (SPRINKLER ZONES) PRIOR TO CONSTRUCTION. ALL AREAS EFFECTED BY THE DEMOLITION AND RENOVATION SHALL BE PROVIDED WITH 24 HOUR FIRE WATCH UNTIL THE FIRE PROTECTION SYSTEM IS COMPLETELY RESTORED.
- d. ALL NEW SPRINKLERS SHALL BE CONCEALED AND EQUIPPED WITH CUSTOM COVER PLATES MATCHING THE ADJACENT CEILING FINISHES. SEE ARCHITECTURAL PLANS FOR CEILING FINISHES.
- e. ALL SPRINKLERS SHALL BE PLACED IN THE CENTER OF CEILING TILE OR VISUALLY ALIGNED IN AREAS WITH HARD CEILINGS, NO EXCEPTIONS.
- f. CAP ALL EXISTING BRANCH PIPING AND PIPE NIPPLES WHERE THEY ARE NOT BEING REUSED FOR THE NEW SPRINKLER CONNECTIONS.
- g. THE DESIGN INTENT WITHIN THE AREA OF WORKS IS TO REMOVE ALL EXISTING SPRINKLERS, HANGERS, ASSOCIATED PIPE NIPPLES, FITTINGS, ETC. AND REPLACE THEM WITH NEW SPRINKLERS, PIPE NIPPLES, FITTINGS, HANGERS, ETC. THE INSTALLING CONTRACTOR SHALL PROVIDE ALL MATERIALS NEEDED IN ORDER TO MEET THE INTENT AND TO PROVIDE A COMPLETE, FULLY OPERABLE, AND CODE COMPLIANT FIRE SPRINKLER SYSTEM.
- h. THE CONTRACTOR'S COST SHALL INCLUDE ANY AND ALL MATERIALS NEEDED TO PROVIDE A CODE COMPLIANT, COMPLETE AND OPERABLE FIRE SUPPRESSION SYSTEM IN THE AREAS OF WORK.
- i. ANY EXISTING SPRINKLERS LOCATED OUTSIDE THE SCOPE OF WORK OR SPRINKLERS THAT ARE NOT INTENDED TO BE REPLACED WITH NEW AND ARE DAMAGED DURING THE CONSTRUCTION PHASE SHALL BE REPLACED WITH NEW AT NO ADDITIONAL COST TO THE OWNER.

**REFERENCE NOTES: ①**

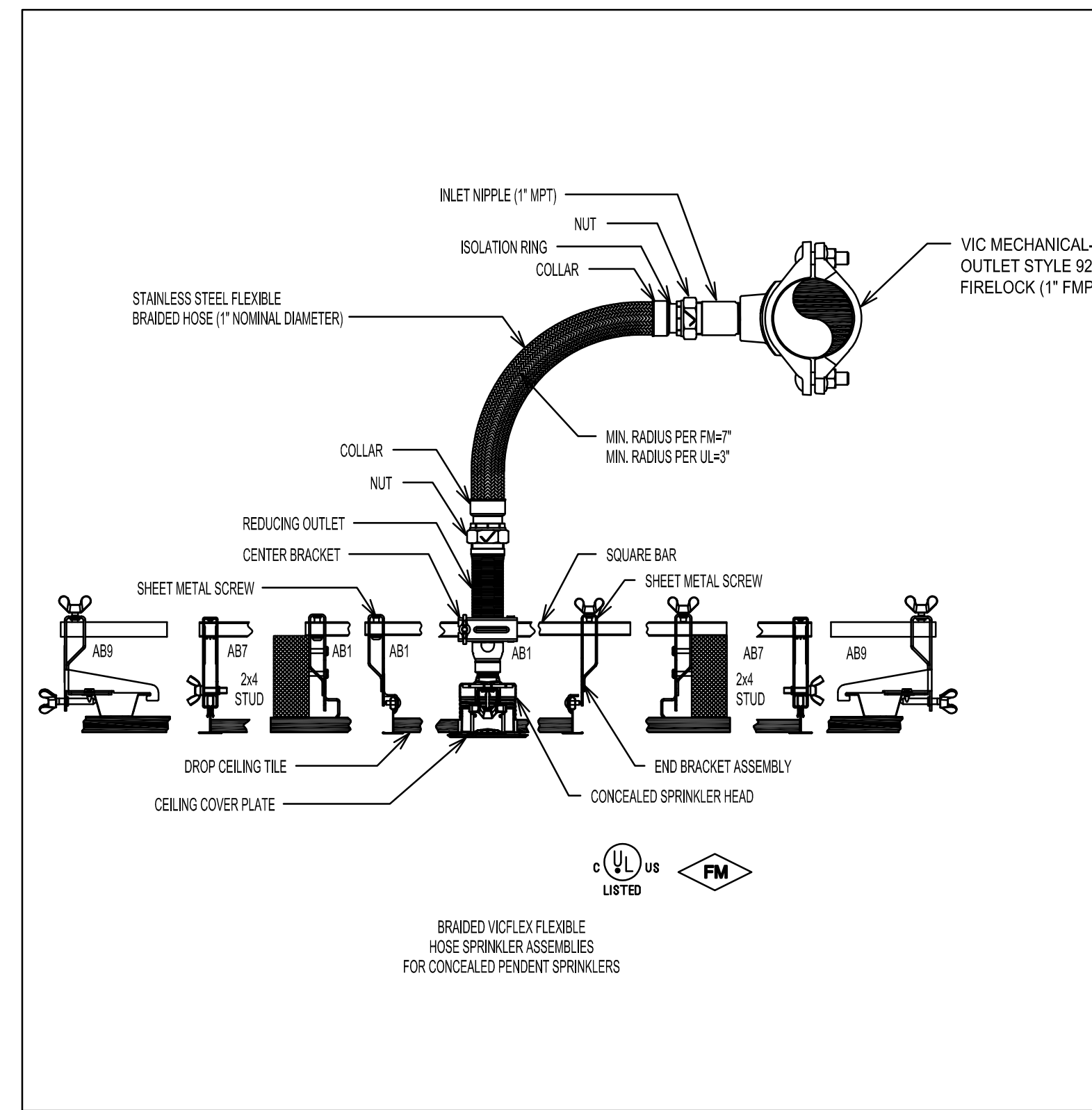
1. REMOVE EXISTING SPRINKLER AND CAP BRANCH NIPPLE IN PLACE UNTIL THE NEW SPRINKLER CAN BE INSTALLED AFTER NEW CEILING ARE IN PLACE. PROVIDE NEW CONCEALED SPRINKLER WITH COVER PLATE MATCHING THE ADJACENT FINISHES.



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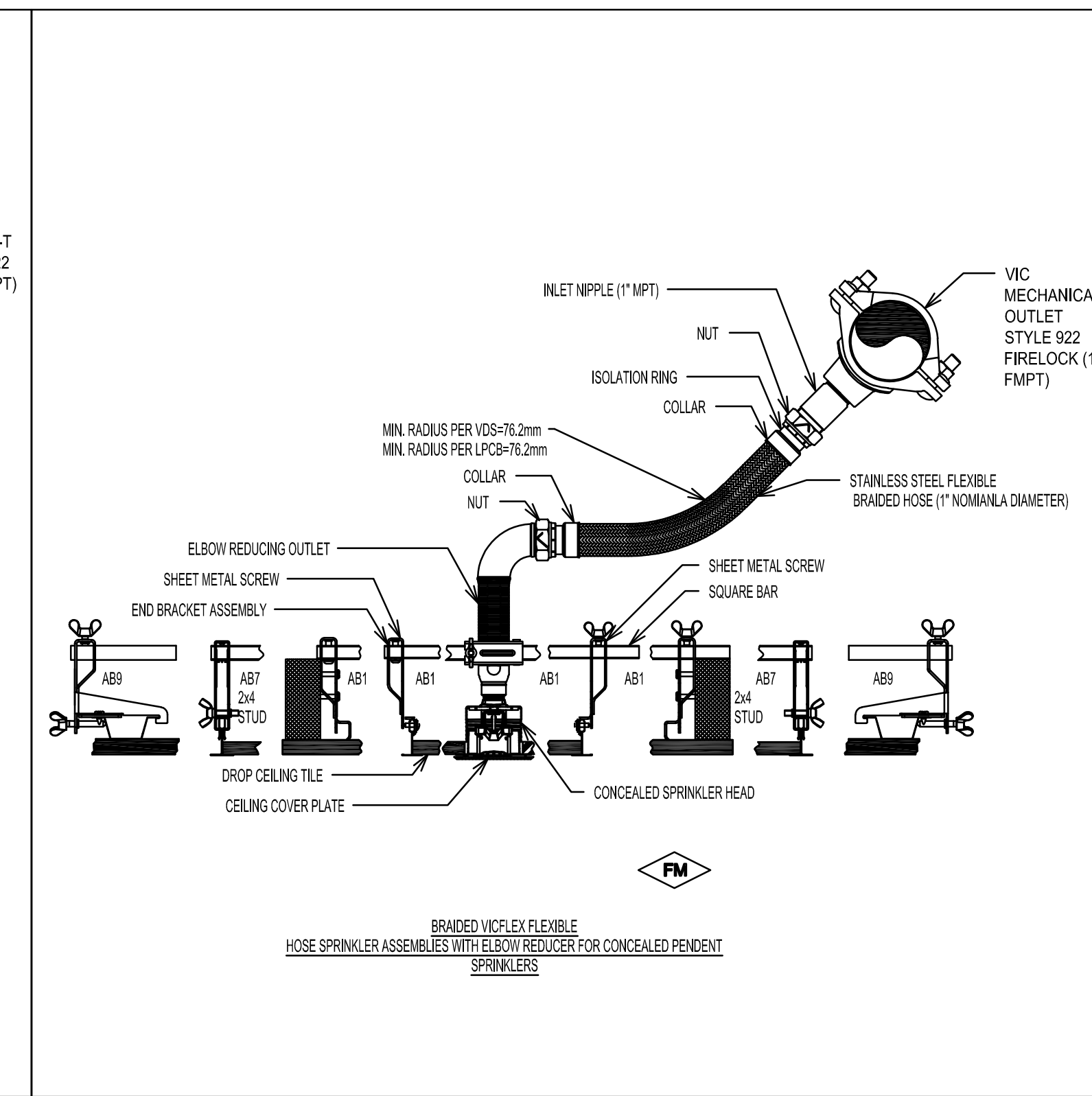
Client Name:

**Orange County Convention Center**  
 NORTH/SOUTH CONCOURSE  
 9899 INTERNATIONAL DR.  
 ORLANDO, FL 32819



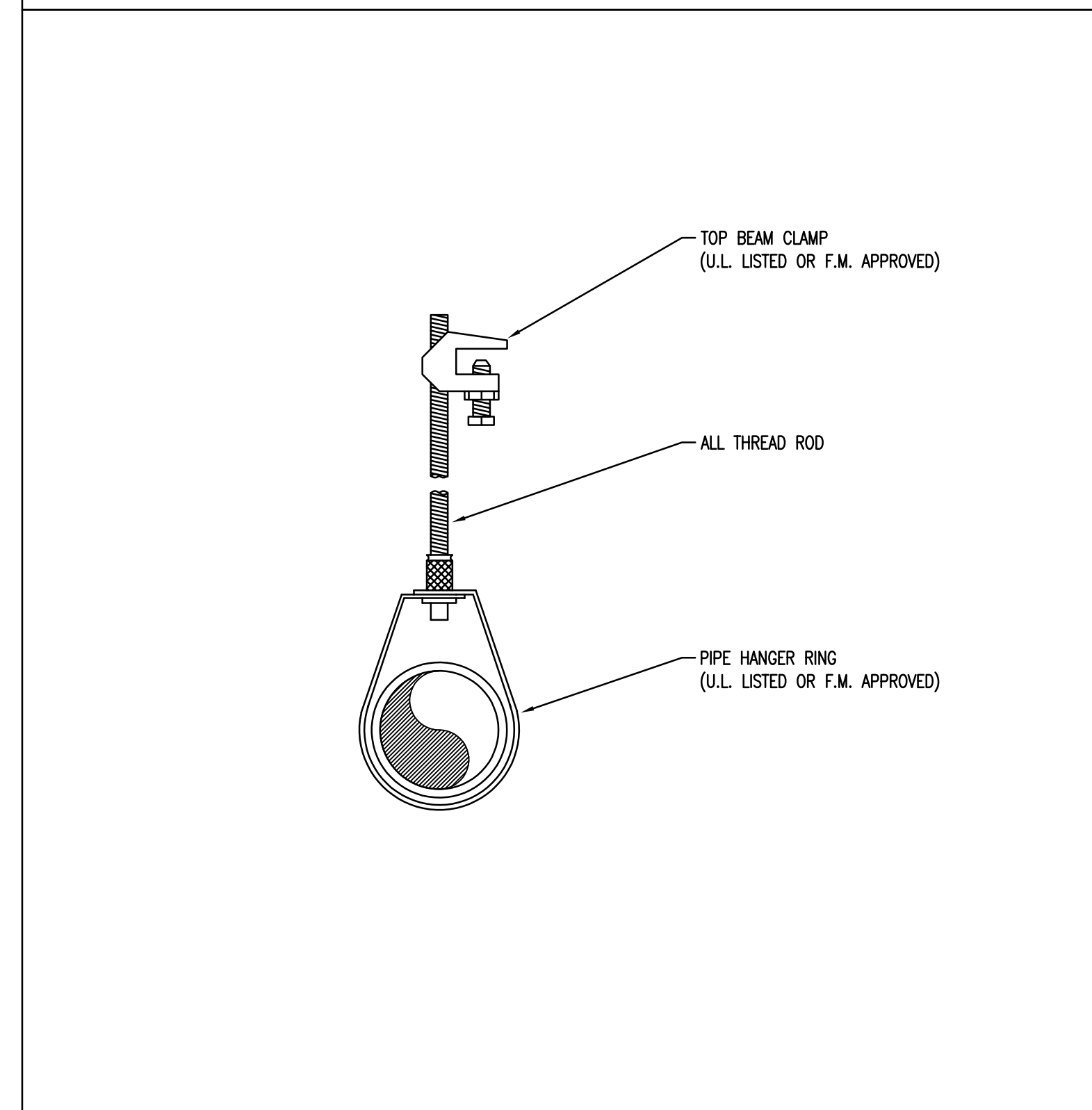
**CONCEALED SPRINKLER INSTALLATION DETAIL**

No Scale



**CONCEALED SPRINKLER INSTALLATION DETAIL**

No Scale



**HANGER - STEEL**

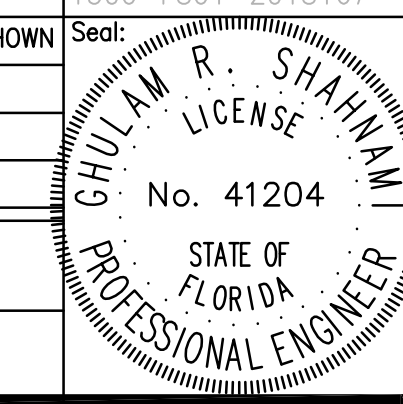
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Issue: 03-19-19 100% BID DOCUMENTS

No.	Date	Description

**Project Name:**  
**OCCC NETWORK WELLNESS ROOM BUILDOUTS NORTH-SOUTH BUILDING**

**Project Number:** 2018-167  
**Drawing File Name:** 1300-F801-2018167  
**Scale:** AS SHOWN  
**Design By:** JS  
**Drawn By:** JS  
**Checked By:** JS  
**Engineer of Record:** SHEAM R. SHANNAN  
**License Number:** FL41204



Sheet Name:

**FIRE PROTECTION DETAILS**

Sheet Number:

**F8.001**

**FIRE PROTECTION DETAILS**

**LIGHTING FIXTURES**

- 1x4 FIXTURE
2x2 FIXTURE
2x4 FIXTURE
4 WALL MOUNT FIXTURE
4 WALL MOUNT FIXTURE, EMERGENCY
1x4 FIXTURE, BATTERY/EMERGENCY
2x2 FIXTURE, BATTERY/EMERGENCY
2x4 FIXTURE, BATTERY/EMERGENCY
4 STRIP FIXTURE
4 STRIP FIXTURE, BATTERY/EMERGENCY
4 STRIP FIXTURE, WALL MOUNTED
4 STRIP FIXTURE, WALL MOUNTED, BATTERY/EMERGENCY
TRACK FIXTURE
CEILING MOUNTED RECESSED, DOWN LIGHT
CEILING MOUNTED RECESSED, EMERGENCY DOWN LIGHT
CEILING MOUNTED RECESSED, WALL WASHER (ARROW INDICATES DIRECTION OF WASH)
SURFACE MOUNTED LIGHTING FIXTURE
WALL MOUNTED SCONCE FIXTURE, BATTERY/EMERGENCY
FLOOD LIGHT FIXTURE
EMERGENCY LIGHT FIXTURE
SINGLE FACE EXIT LIGHT FIXTURE ARROW INDICATES DIRECTION OF EGRESS
DOUBLE FACE EXIT LIGHT FIXTURE ARROW INDICATES DIRECTION OF EGRESS
POLE MOUNTED SITE LIGHTING FIXTURE RECTANGLES INDICATE NUMBER OF FIXTURES
SINGLE POLE MOUNT LUMINAIRE-RECTANGLES INDICATE NUMBER OF FIXTURES
POLE MOUNTED LUMINAIRE
BOLLARD OR PENDANT LIGHT FIXTURE
BOLLARD OR PENDANT LUMINAIRE, EMERGENCY

**SWITCHES**

- SWITCH
SWITCH, 2 POLE
SWITCH, 3-WAY
SWITCH, 4-WAY
SWITCH - LINE VOLTAGE TIMER, 120/277 VAC, WATTSTOPPER TS-400 OR EQUAL
SWITCH - PILOT LIGHT
SWITCH, 1 POLE, LETTER INDICATES SWITCH/LEG CONTROLLED
SWITCH, 3-WAY, LETTER INDICATES SWITCH/LEG CONTROLLED
SWITCH, KEYSWITCH, 3-WAY
SWITCH, KEYSWITCH
MOTOR RATED SWITCH
SWITCH, EXPLOSION PROOF
SWITCH, LOW VOLTAGE MOMENTARY
SWITCH, WEATHERPROOF

**LIGHTING CONTROL DEVICES**

- PHOTOCELL
TIMECLOCK
LIGHTING CONTACTOR
PIR-WALL MOUNT SENSOR, LOW TEMP, 24 VDC/AC, 20mA, WATTSTOPPER CB-100 OR EQUAL
PIR-CEILING MOUNT SENSOR 24 VDC/AC, 11mA, WATTSTOPPER CI-205 OR EQUAL
DUAL ULTRASONIC/PIR-CEILING MOUNT SENSOR, 24 VDC/AC, 35mA, WATTSTOPPER DT-305 OR EQUAL
DUAL ULTRASONIC/PIR-WALL MOUNT SENSOR, 24 VAC/VDC, 35mA, WATTSTOPPER DT-205 OR EQUAL
ULTRASONIC-CEILING CORRIDOR MOTION SENSOR, 24 VDC/AC, 40mA, WATTSTOPPER WT-2250 OR EQUAL
PIR-WALL SWITCH DECORATOR MOTION SENSOR, 120/277 VAC, 800/1200W, WATTSTOPPER PM-100 OR EQUAL
DUAL ULTRASONIC/PIR-WALL SWITCH DECORATOR MOTION SENSOR, 120/277VAC, 800/1200W, WATTSTOPPER DW-100 OR EQUAL
DUAL ULTRASONIC/PIR-DUAL RELAY WALL SWITCH DECORATOR MOTION SENSOR, 120/277VAC, 800/1200W, WATTSTOPPER DW-200 OR EQUAL
UL 924 LISTED FAILSAFE EMERGENCY SWITCHING RELAY, LV5 EPCA OR EQUAL, LOWER CASE LETTER NEXT TO DEVICE INDICATES SWITCH/LEG CONTROLLED
POWER PACK 120/277 VAC, 20 AMPS, 225mA SECONDARY, WATTSTOPPER BZ-250 OR EQUAL
\*FOR LOW VOLTAGE OCCUPANCY SENSORS, PROVIDE POWER PACK(S) 120/277 VAC, 20 AMPS, 225mA SECONDARY AS NEEDED FOR ZONE/AREA CONTROL, WATTSTOPPER BZ-250 OR EQUAL.

**POWER DISTRIBUTION**

- 120/208V PANELBOARD, RECESSED
120/208V PANELBOARD, SURFACE MOUNT
277/480V PANELBOARD, SURFACE MOUNT
277/480V PANELBOARD, RECESSED
FEEDER OR BRANCH CIRCUIT CONCEALED IN WALL, CEILING OR FLOOR
HOMERUN CONSISTING OF ONE SINGLE-PHASE, 1-POLE CIRCUIT: (2) 12 AWG + (1) 12 AWG GND IN 3/4" CONDUIT, UNLESS OTHERWISE NOTED. PANELBOARD AND CIRCUIT DESIGNATIONS ARE INDICATED.
HOMERUN CONSISTING OF ONE SINGLE-PHASE, 2-POLE CIRCUIT: (2) 12 AWG + (1) 12 AWG GND IN 3/4" CONDUIT, UNLESS OTHERWISE NOTED. PANELBOARD AND CIRCUIT DESIGNATIONS ARE INDICATED.
HOMERUN CONSISTING OF TWO SINGLE-PHASE CIRCUITS: (3) 12 AWG + (1) 12 AWG GND IN 3/4" CONDUIT, UNLESS OTHERWISE NOTED. PANELBOARD AND CIRCUIT DESIGNATIONS ARE INDICATED.
HOMERUN CONSISTING OF THREE SINGLE-PHASE CIRCUITS: (3) 12 AWG + (1) 12 AWG GND IN 3/4" CONDUIT, UNLESS OTHERWISE NOTED. PANELBOARD AND CIRCUIT DESIGNATIONS ARE INDICATED.

**POWER DEVICES**

- SINGLE RECEPTACLE
DUPLX RECEPTACLE
DOUBLE DUPLX RECEPTACLE
ABOVE COUNTER DUPLX RECEPTACLE
DUPLX RECEPTACLE, HALF SWITCHED
SPECIAL PURPOSE RECEPTACLE
SINGLE 250V NON-LOCKING TYPE RECEPTACLE
BLACK DUPLX RECEPTACLE FOR COMPUTER WORKSTATION
BLACK QUAD RECEPTACLE FOR COMPUTER WORKSTATION
DUPLX RECEPTACLE FOR TV LOCATED AT 84" AFF UNLESS NOTED OTHERWISE.
DUPLX RECEPTACLE FOR TV LOCATED AT 18" AFF. LOCATE IN COMMON BOX WITH COTV
CEILING MOUNTED RECEPTACLE
RECESSED FLOOR RECEPTACLE
DUPLX RECEPTACLE, GROUND FAULT
DUPLX RECEPTACLE, GROUND FAULT, ABOVE COUNTER
QUAD RECEPTACLE, GROUND FAULT
DUPLX RECEPTACLE, GROUND FAULT WITH CAST ALUMINUM WEATHERPROOF "IN USE" COVER
QUAD RECEPTACLE, GROUND FAULT WITH CAST ALUMINUM WEATHERPROOF "IN USE" COVER
DUPLX RECEPTACLE, GROUND FAULT LOCATE WITHIN ELECTRIC WATER COOLER PER MANUFACTURER'S INSTRUCTIONS
CLOCK
POWER/DATE POLE
POWER POLE
DISCONNECT SWITCH
MOTOR STARTER
STARTER/DISCONNECT SWITCH
FLOOR MOUNTED JUNCTION BOX
PULL BOX
EQUIPMENT CONNECTION
DOOR BELL PUSH BUTTON
TRANSFORMER
DOOR BELL
SHUNT TRIP
JUNCTION BOX
NEW JUNCTION BOX BEHIND LAVATORY ACCESS PANEL FOR HARDWIRED POWER CONVERTER FOR EACH SET OF TOILET PLUMBING FIXTURES. EACH POWER CONVERTER TO ACCOMMODATE A MAXIMUM OF (8) FIXTURES OF THE SAME TYPE. DO NOT MIX FIXTURE TYPES WITH POWER CONVERTERS. ROUTE 24 AWG WIRING TO EACH FIXTURE AUTOMATIC SENSOR PER MANUFACTURER INSTRUCTIONS. RUN LENGTHS SHALL NOT EXCEED 40 FEET AS PER MANUFACTURER INSTRUCTIONS. ALL POWER CONVERTERS SHALL BE PROVIDED BY THE PLUMBING CONTRACTOR AND WIRED BY THE ELECTRICAL CONTRACTOR.
NEW JUNCTION BOX BEHIND LAVATORY ACCESS PANEL FOR HARDWIRED POWER CONVERTER FOR EACH SET OF FLOOR PLUMBING FIXTURES. EACH POWER CONVERTER TO ACCOMMODATE A MAXIMUM OF (8) FIXTURES OF THE SAME TYPE. DO NOT MIX FIXTURE TYPES WITH POWER CONVERTERS. ROUTE 24 AWG WIRING TO EACH FIXTURE AUTOMATIC SENSOR PER MANUFACTURER INSTRUCTIONS. RUN LENGTHS SHALL NOT EXCEED 40 FEET AS PER MANUFACTURER INSTRUCTIONS. ALL POWER CONVERTERS SHALL BE PROVIDED BY THE PLUMBING CONTRACTOR AND WIRED BY THE ELECTRICAL CONTRACTOR.
NEW JUNCTION BOX BEHIND LAVATORY ACCESS PANEL FOR HARDWIRED POWER CONVERTER FOR EACH SET OF FACUET FIXTURES. EACH POWER CONVERTER TO ACCOMMODATE A MAXIMUM OF (8) FIXTURES OF THE SAME TYPE. DO NOT MIX FIXTURE TYPES WITH POWER CONVERTERS. ROUTE 24 AWG WIRING TO EACH FIXTURE AUTOMATIC SENSOR PER MANUFACTURER INSTRUCTIONS. RUN LENGTHS SHALL NOT EXCEED 40 FEET AS PER MANUFACTURER INSTRUCTIONS. ALL POWER CONVERTERS SHALL BE PROVIDED BY THE PLUMBING CONTRACTOR AND WIRED BY THE ELECTRICAL CONTRACTOR.
NEW HAND DRYER JUNCTION BOX. PROVIDE AND INSTALL NEW BOX AND/OR RECEPTACLE AS REQUIRED TO POWER HAND DRYER. PROVIDE LOCKABLE BREAKERS FOR EACH HAND DRYER CIRCUIT.
CEILING MOUNTED SPEAKER QSC ACUSTICCOVERAGE SERIES AC-CGT
JUNCTION BOX WITH CONNECTION TO MIRROR LIGHT
MOTOR
GENERATOR
LOCKBOX
GROUND BARS
5/8" X 30L GROUND ROD WITH TEST INSPECTION WELL
SURGE PROTECTION DEVICE. SEE SPECIFICATIONS.

**FIRE ALARM SYSTEM**

- MANUAL FIRE ALARM PULL STATION
FIRE ALARM COMBINATION SPEAKER/STROBE DEVICE (75 CANDELA MINIMUM, 110 CANDELA WHERE NOTED)
FIRE ALARM CEILING MOUNTED COMBINATION SPEAKER/STROBE DEVICE (75 CANDELA MINIMUM, 110 CANDELA WHERE NOTED)
FIRE ALARM COMBINATION HORN/STROBE DEVICE (75 CANDELA MINIMUM, 110 CANDELA MINIMUM)
FIRE ALARM SPEAKER - CEILING MOUNTED
FIRE ALARM SPEAKER - WALL MOUNTED
135 DEGREE HEAT DETECTOR
HEAT DETECTOR - RATE OF RISE ONLY
HEAT DETECTOR - COMBINATION: RATE OF RISE AND FIXED TEMP
SMOKE DETECTOR
SMOKE DETECTOR - BEAM TRANSMITTER
SMOKE DETECTOR - BEAM RECEIVER
DUCT SMOKE DETECTOR - "R" = RETURN, "S" = SUPPLY. PROVIDE LED SUPERVISORY INDICATOR FOR BOTH DETECTORS IN AN ACCESSIBLE LOCATION AND CLEARLY LABELED.
ADDRESSABLE MONITOR MODULE
ADDRESSABLE CONTROL MODULE RELAY
WEATHERPROOF WATER FLOW SWITCH MONITOR MODULE CONNECTED TO FIRE SPRINKLER SYSTEM
WEATHERPROOF TAMPER SWITCH MONITOR MODULE CONNECTED TO FIRE SPRINKLER SYSTEM
ELECTROMAGNETIC DOOR HOLDER/RELEASE
PULL STATION INSIDE. SEE DETAIL
KNOXBOX WITH TAMPER SWITCH MOUNTED 8'-0" TO 12'-0" ABOVE FINISHED GRADE
FIRE ALARM CONTROL UNIT "FACU"
FIRE ALARM ANNUNCIATOR PANEL "FAAP"
FIRE ALARM TERMINAL CABINET "FATC", NEMA 1 RATED
FIRE ALARM CONTROL PANEL "FACP"
VOICE EVACUATION PANEL "EVAC"

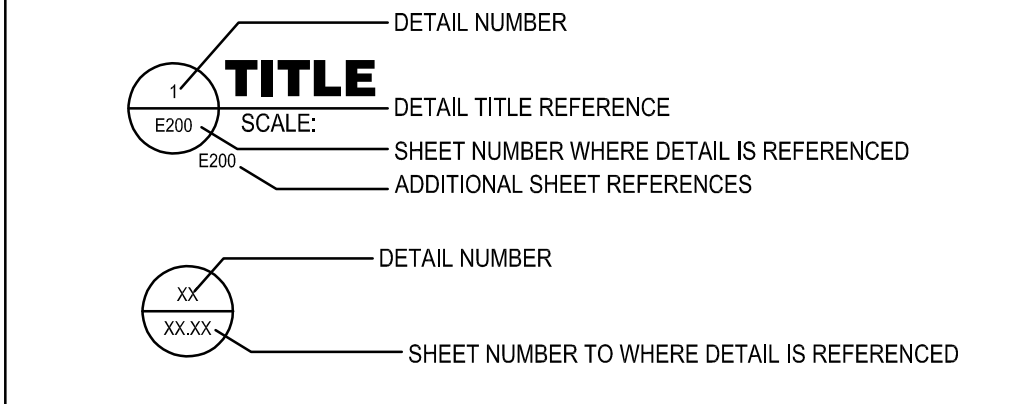
**AUDIO/VIDEO SYSTEMS**

- EQUIPMENT RACK
CEILING-MOUNTED SPEAKER/TRANSFORMER/BAFFLE/ ENCLOSURE/T-BAR BRIDGE, CONNECTED TO LOCAL SOUND SYSTEM, INTERFACED TO INTERCOM SYSTEM WITH PRIORITY MUTE RELAY.
AUDIO VOLUME CONTROL
SPEAKER - WALL MOUNTED
SPEAKER HUNG FROM STRUCTURE ABOVE
SPEAKER JACK WALL MOUNTED
AUXILIARY FLUSH MOUNTED JACK PLATE
MICROPHONE OUTLET - WALL MOUNTED N # OF MICROPHONE JACKS
MICROPHONE OUTLET - CEILING MOUNTED
MICROPHONE OUTLET - FLOOR MOUNTED
MICROPHONE OUTLET / LINE OUTLET WALL PLATE
ANTENNA FOR WIRELESS MICROPHONE
ANTENNA FOR WIRELESS HEARING IMPAIRED SYSTEM
DEMONSTRATION DESK. REFER TO DETAIL SHEETS ES-801 AND ES-802

**PREMISE DISTRIBUTION SYSTEM**

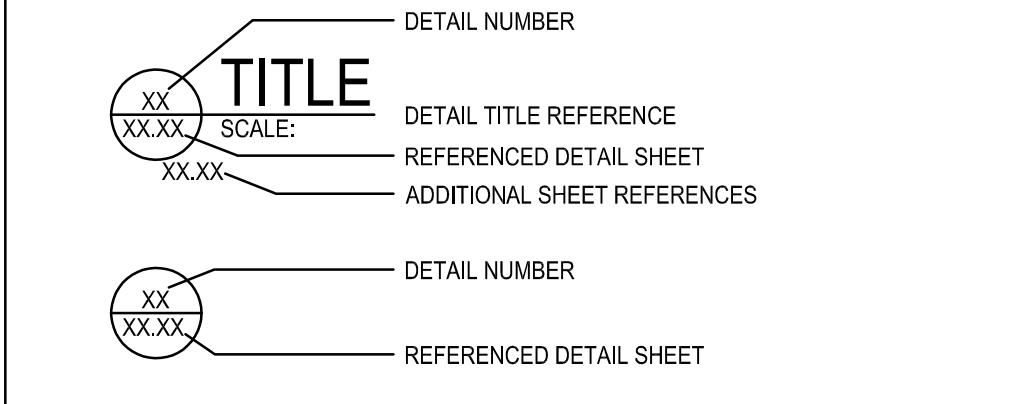
- MOUNTING 3" ABOVE COUNTER OR BACK SPLASH
X = MOUNTING FLUSH, (SURFACE, MODULAR FURNITURE ADAPTER (P)POLE, (R)FACEWAY, (D)DOUBLE GANG FLUSH, (PD) PEDESTAL
N = # OF DATA JACKS
SPECIAL NOTES:
1. DATA JACKS: EACH RJ45 GATA JACK FOR DATA SHALL BE CONNECTED TO A DEDICATED UTP 4 PR CAT6 CABLE.
COMMUNICATIONS INFORMATION OUTLET MOUNTED, AT RECEPTACLE HEIGHT UNLESS OTHERWISE NOTED. MODULE AND FACEPLATE
WALL TELEPHONE OUTLET FOR HOUSE PHONE, MOUNTED AT 48" ABOVE FINISHED FLOOR TO TOP.
WIRELESS ACCESS POINT, PROVIDE 2 - RJ45 JACK FLUSH MOUNTED IN CEILING WITH 10' OF COILED CABLE ABOVE CEILING. PROVIDE 2 CAT 6 CABLE HOMERUN TO IDF AND TERMINATE WITHIN RACK.
WALL MOUNTED WIRELESS ACCESS POINT. PROVIDE 2 - RJ45 FLUSH MOUNTED WALL JACK AT 10'-0" TO 12'-0" ABOVE FINISHED FLOOR. PROVIDE 2 CAT 6 CABLE HOMERUN TO IDF AND TERMINATE WITHIN RACK.
WALL DATA OUTLET, SURFACE MOUNTED AT 48" ABOVE FINISHED FLOOR TO TOP OF BACKBOX. X = # OF DATA JACKS
FLOOR BOX DATA OUTLET DATA OUTLET INSTALLED IN FLOOR BOX WITH UTP HOMERUN TO COMM. ROOM. X = # OF DATA JACKS
POWER/DATE POLE FOR DATA AND 120 VAC CABLING AND OUTLETS. 3/4" PLYWOOD BACKBOARD. BY DIVISION 16

**MISCELLANEOUS SYMBOL LEGEND**



**GENERAL SYMBOLS**

- JUNCTION BOX (4" x 4" x 2-1/8")
INGROUND PULL BOX
CONDUIT CONCEALED ABOVE CEILING OR WALL
CONDUIT CONCEALED IN SLAB, UNDERGROUND OR UNDER FLOOR
CONDUIT TURNING UP
CONDUIT TURNING DOWN
CONDUIT STUB
CONDUIT CONTINUED
FLEXIBLE CONDUIT
GROUND OR GROUND ROD AS NOTED
SLEEVE UP
SLEEVE DOWN
WALL PENETRATION CONDUIT SLEEVE



**ABBREVIATIONS**

Table with columns for abbreviations and their corresponding full names. Includes terms like AMPERES, AUDIO ENHANCEMENT, ACCESS CONTROL SYSTEM, etc.

NOTE: SOME SYMBOLS SHOWN ON THIS LEGEND MAY NOT PERTAIN TO THIS PROJECT.

**ELECTRICAL GENERAL SYMBOLS & LEGEND**

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Client Name: Orange County Convention Center. NORTH/SOUTH CONCOURSE, 9899 INTERNATIONAL DR., ORLANDO, FL 32819.

Issue: 03-19-19 100% BID DOCUMENTS

Table with columns: No., Date, Description. Contains multiple empty rows for revision tracking.

Project Name: OCC NETWORK WELLNESS ROOM BUILDOUTS NORTH-SOUTH BUILDING.

Project Number: 2018-167. Drawing File Name: 1600-E001-2018167. Scale: AS SHOWN. Design By: MEI. Drawn By: MEI. Checked By: MEI. Engineer of Record: JUSTIN L. MUNDELL, No. 70700, STATE OF FLORIDA PROFESSIONAL ENGINEER. License Number: FL70700.

Sheet Name: ELECTRICAL GENERAL SYMBOLS & LEGEND.

Sheet Number: E0.001

FILE: Q:\PROJECT FILES\2018\2018-167 OCC NETWORK WELLNESS ROOM BUILDOUTS\DRAWINGS\1600-E001-2018167.DWG. PRINTED: 03/22/2019. LAST SAVED BY: AMBERY.

Client Name:

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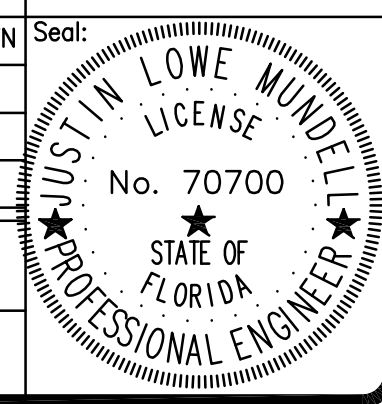
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No.	Date	Description

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**OCCC NETWORK WELLNESS ROOM BUILDOUTS NORTH-SOUTH BUILDING**

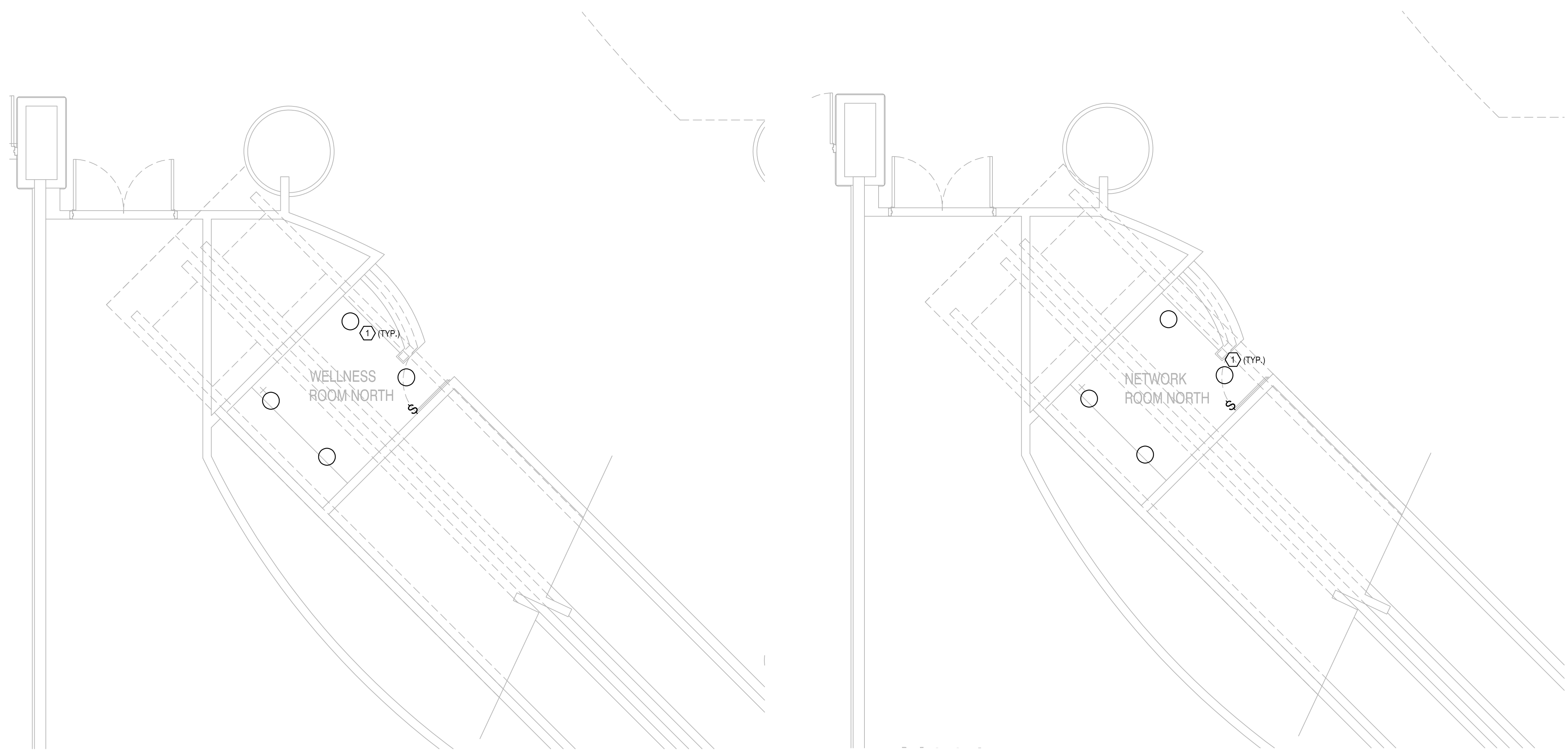
**Project Number:** 2018-167  
**Scale:** AS SHOWN  
**Design By:** MEH  
**Drawn By:** MEH  
**Checked By:** MEH  
**Engineer of Record:** JUSTIN L. MUNDLEL  
**License Number:** FL70700

**Drawing File Name:**  
**Seal:**



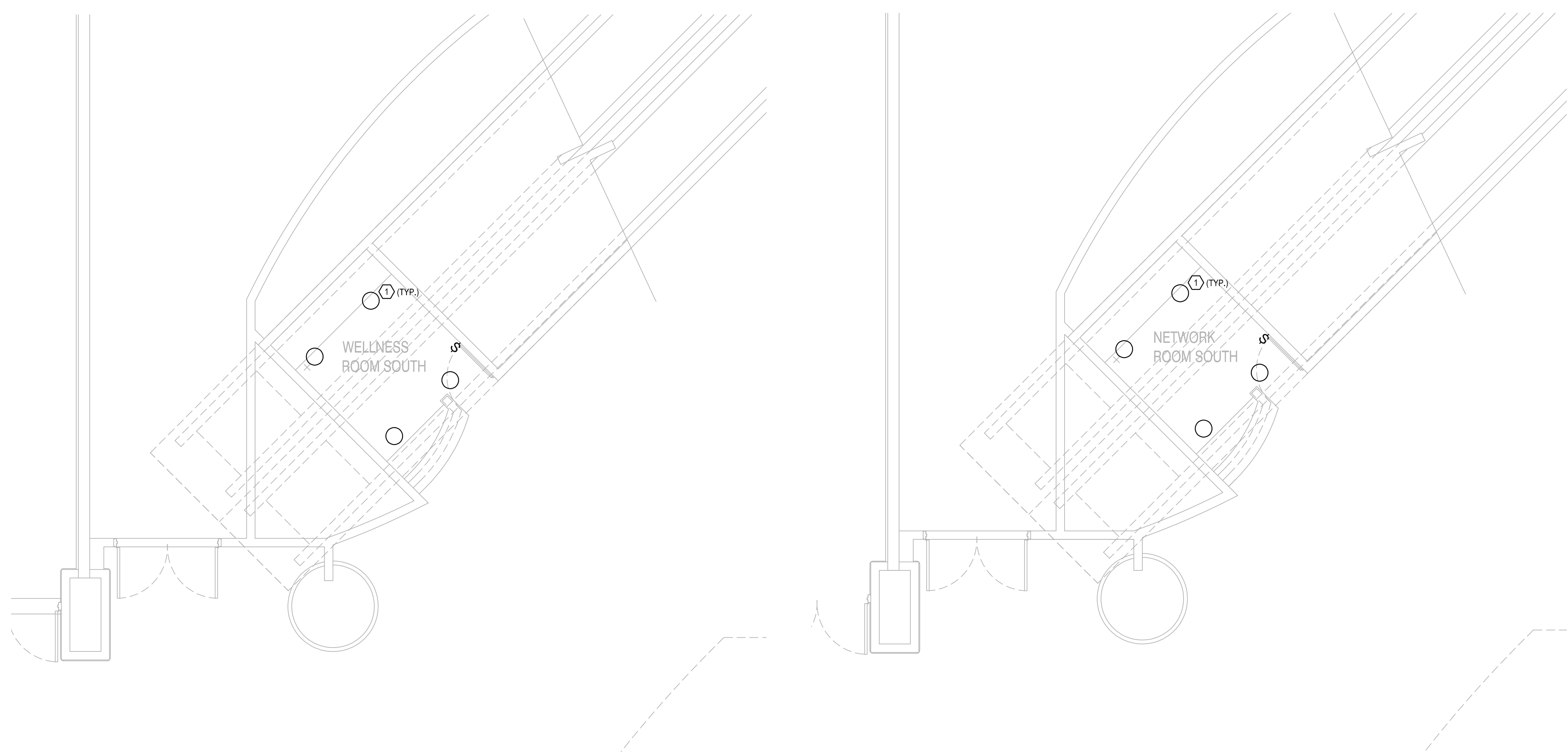
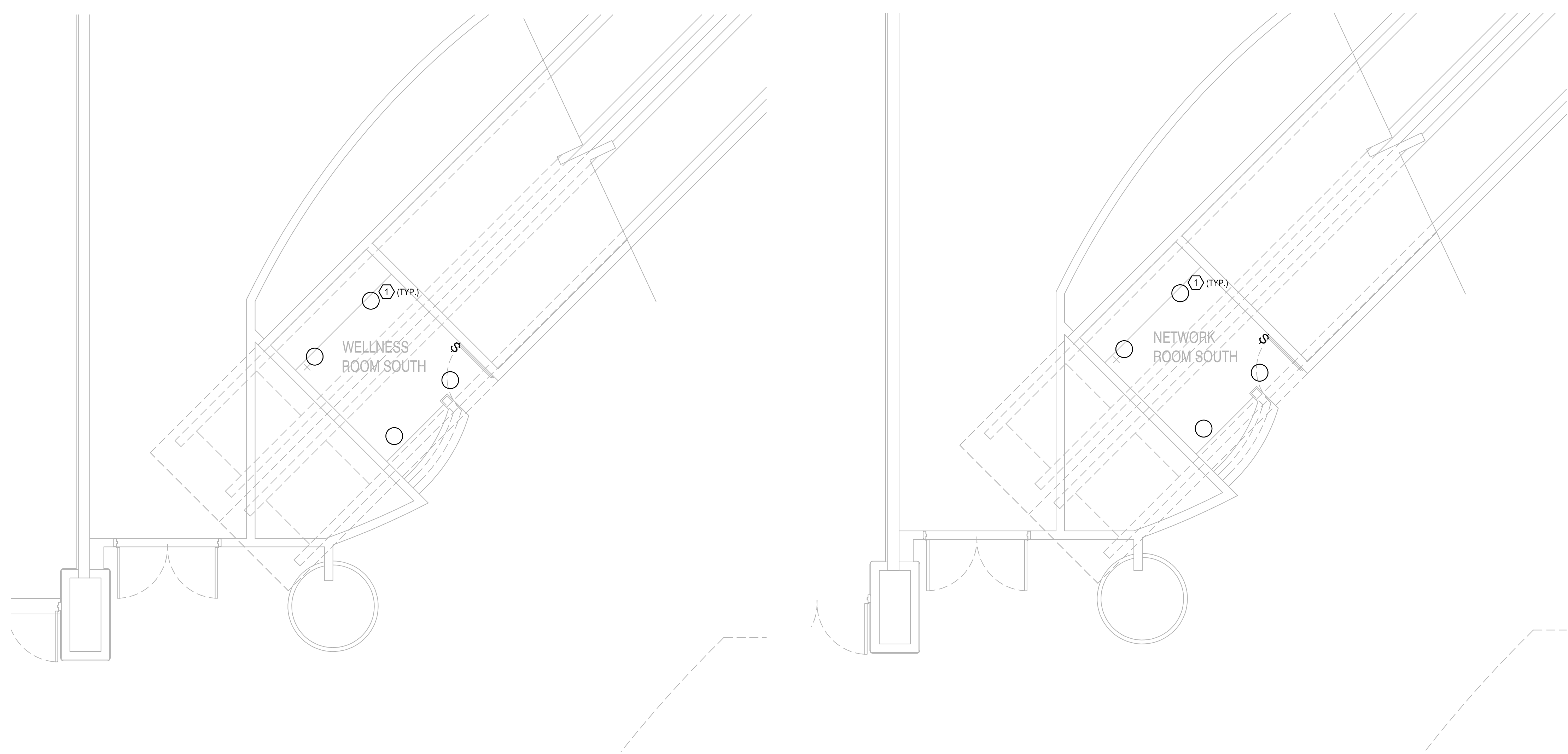
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**ELECTRICAL DEMO LIGHTING PLAN- LEVEL 2**

**Sheet Number:**  
**ED2.001**

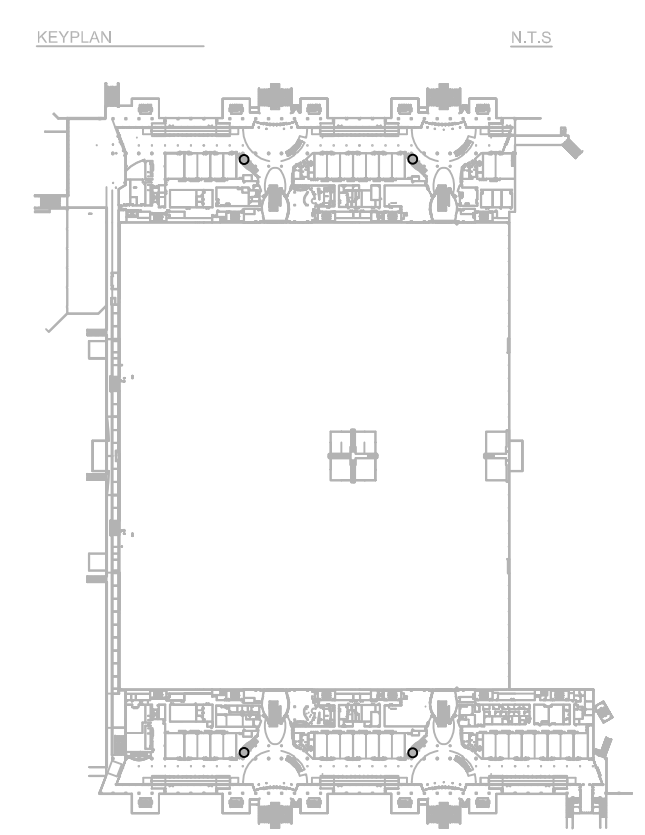


- GENERAL NOTES:**
- REFER TO SYMBOL LEGEND NOTES ON SHEET ED.001.
  - REFER TO BOOK SPECIFICATIONS.
  - REFER TO ARCHITECTURAL INTERIOR ELEVATIONS TO COORDINATE EXACT PLACEMENT OF ALL DEVICES, EQUIPMENT, FIXTURES, SWITCHES, AND OUTLETS.

- PLAN KEY NOTES:** Ⓚ
- EXISTING LIGHTING TO BE REMOVED. CIRCUITS TO BE REUSED FOR NEW LIGHTING AND PROTECTED THROUGH CONSTRUCTION.



**ELECTRICAL DEMO LIGHTING PLAN- LEVEL 2**  
 SCALE: 1/4"=1'-0"



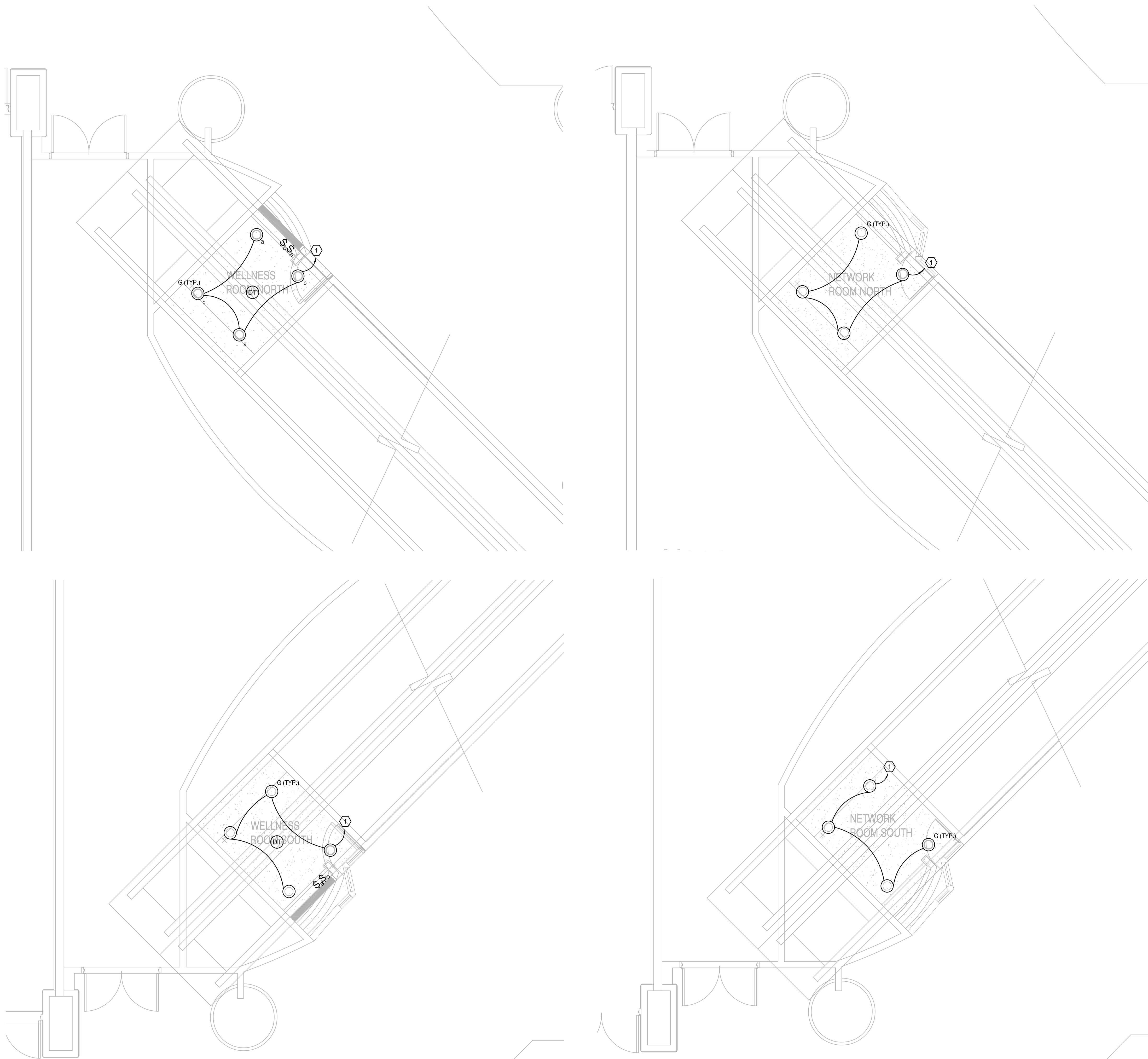
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PROJECT: 2018-167 OCCC SMART WELLNESS ROOM BUILDOUTS NORTH-SOUTH BUILDING - LEVEL 2 ELECTRICAL DEMO LIGHTING PLAN - LEVEL 2



Client Name:

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 9899 INTERNATIONAL DR.  
 ORLANDO, FL 32819



**GENERAL NOTES:**

- a. REFER TO SYMBOL LEGEND NOTES ON SHEET E0.001.
- b. REFER TO SHEET E7.001 FOR LIGHTING FIXTURE SCHEDULE.
- c. REFER TO BOOK SPECIFICATIONS.
- d. REFER TO ARCHITECTURAL INTERIOR ELEVATIONS TO COORDINATE EXACT PLACEMENT OF ALL DEVICES, EQUIPMENT, FIXTURES, SWITCHES, AND OUTLETS.
- e. CONNECT ALL EMERGENCY BALLAST, EMERGENCY BATTERY UNITS AND EXITS AHEAD OF ALL SWITCHING TO LOCAL LIGHTING CIRCUIT.
- f. WHERE 3-LAMP FIXTURES ARE DESIGNATED AS EMERGENCY, THE 2-LAMP BALLAST IN THE FIXTURE SHALL BE CONNECTED TO THE EMERGENCY CIRCUIT THROUGH THE LVS RELAY AND THE SINGLE LAMP BALLAST SHALL REMAIN CONNECTED TO NORMAL POWER.
- g. (a)(b) SWITCHES FOR TYPE FC AND F3 FIXTURES ARE FOR INBOARD/OUTBOARD SWITCHING. THE (a) SWITCH LEG WILL CONTROL THE INBOARD LAMPS AND THE (b) SWITCH LEG WILL CONTROL THE OUTBOARD LAMPS.
- h. ALL MOTION SENSOR DEVICES SHALL BE CONNECTED AHEAD OF ALL LOCAL SWITCHES.
- i. MOTION SENSOR LOCATIONS ARE SHOWN FOR GENERAL INFORMATION. LOCATE IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS. LOCATE MOTION SENSORS A MINIMUM OF 4' AWAY FROM ANY A/C DIFFUSER.

**PLAN KEY NOTES:** ①

- 1. EXISTING LIGHTING CIRCUIT TO BE REUSED FOR NEW LIGHTING FIXTURES. CUT AND EXTEND EXISTING CONDUIT AND WIRING AS NECESSARY.

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No.	Date	Description

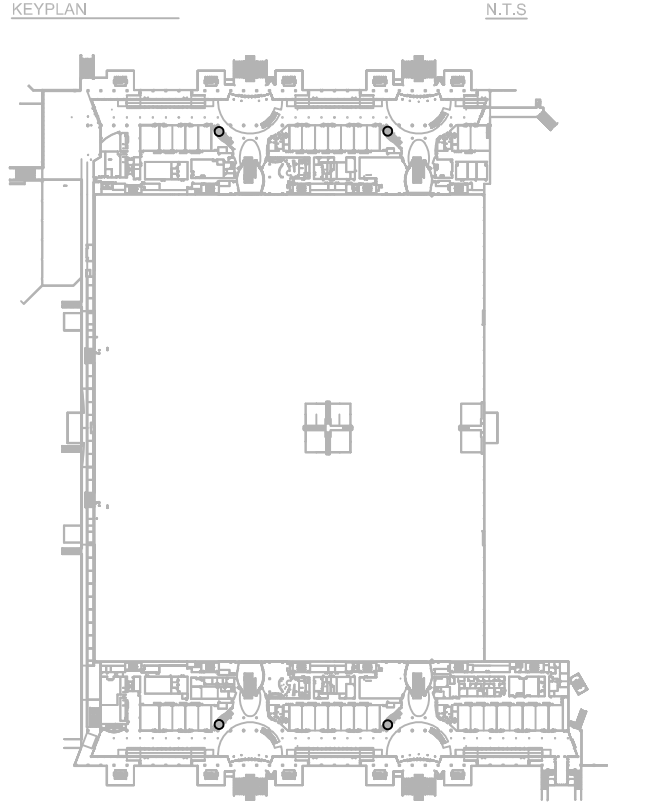
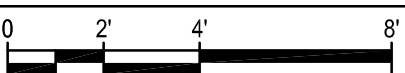
**Project Name:**  
**OCCC NETWORK WELLNESS ROOM BUILDOUTS NORTH-SOUTH BUILDING**

Project Number: 2018-167	Drawing File Name: 1600-E201-2018167
Scale: AS SHOWN	Seal: <b>JUSTIN LOWE MUNDSELL</b> LICENSE No. 70700 STATE OF FLORIDA PROFESSIONAL ENGINEER
Design By: MEP	
Drawn By: MEP	
Checked By: MEP	
Engineer of Record: JUSTIN L. MUNDSELL License Number: FL70700	

**Sheet Name:**  
**ELECTRICAL LIGHTING PLAN- LEVEL 2**

**Sheet Number:**  
**E2.001**

**ELECTRICAL LIGHTING PLAN- LEVEL 2**  
 SCALE: 1/4"=1'-0"



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No.	Date	Description

Project Name:  
**OCCC NETWORK  
WELLNESS ROOM  
BUILDOUTS  
NORTH-SOUTH  
BUILDING**

Project Number:  
2018-167  
Drawing File Name:  
2018-167

Scale: AS SHOWN  
Design By: MEH  
Drawn By: MEH  
Checked By: MEH  
Engineer of Record:  
JUSTIN L. MUNDELL  
License Number:  
FL70700

Seal: **JUSTIN L. MUNDELL**  
LICENSE  
No. 70700  
STATE OF  
FLORIDA  
PROFESSIONAL ENGINEER

Sheet Name:  
**ELECTRICAL DEMO POWER  
PLAN- LEVEL 2**

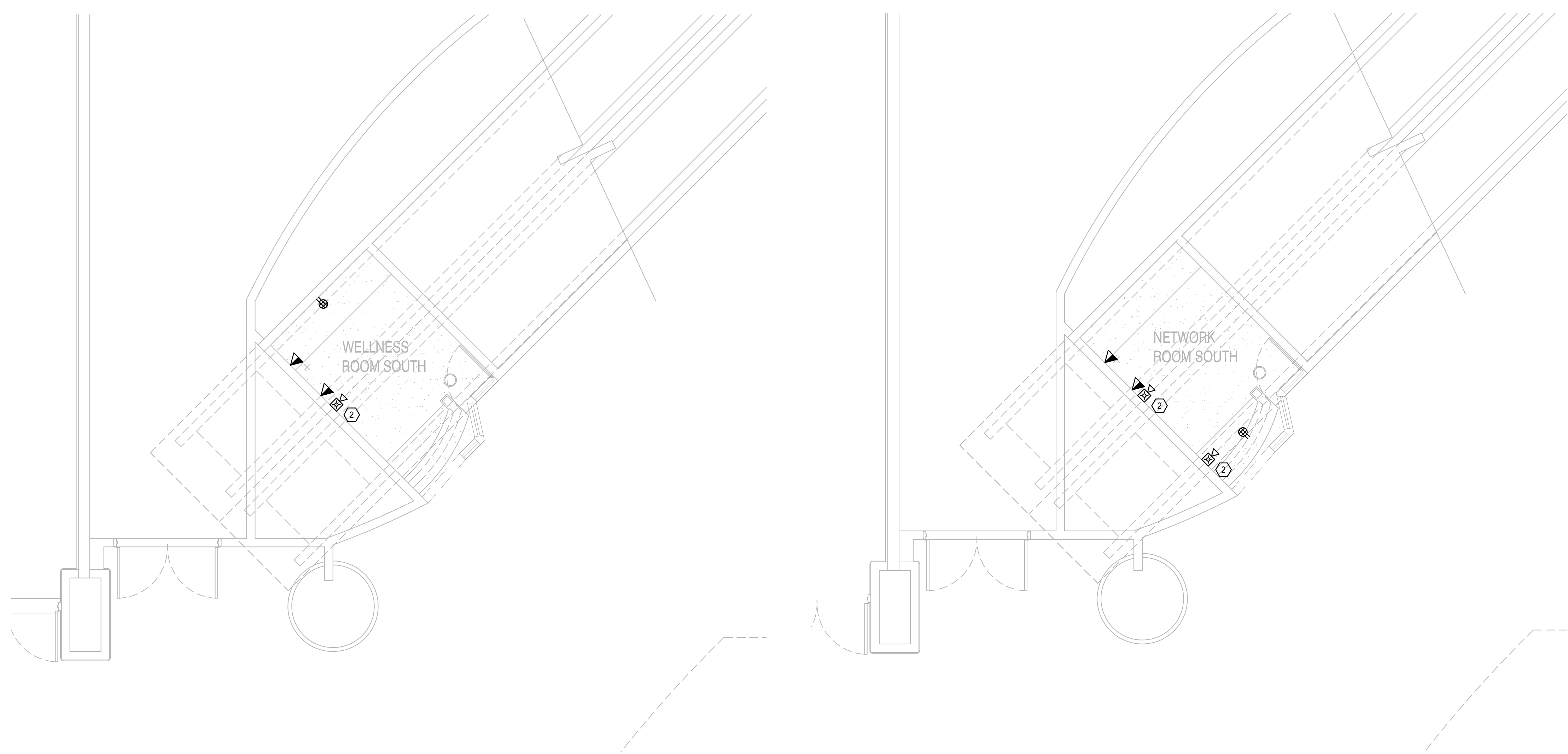
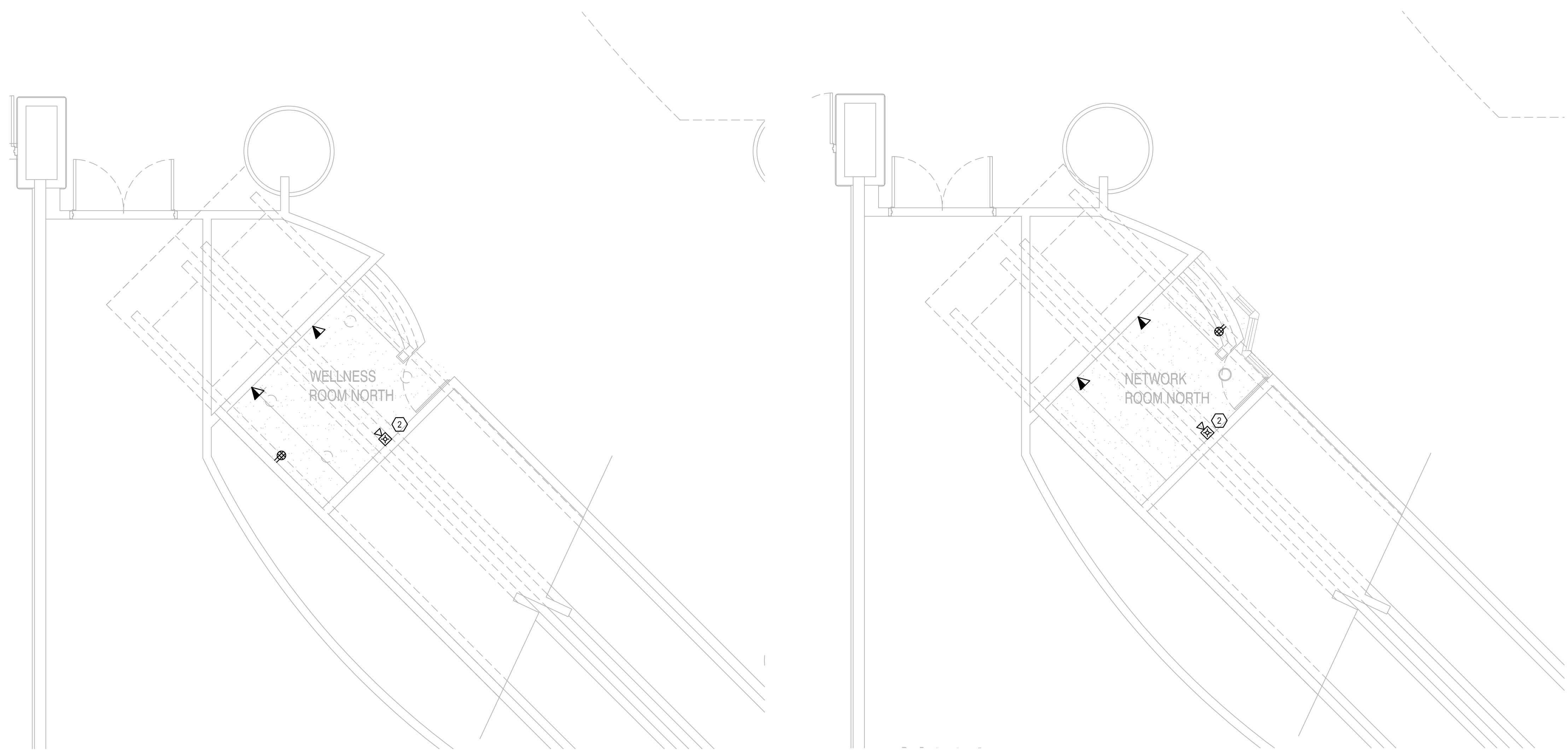
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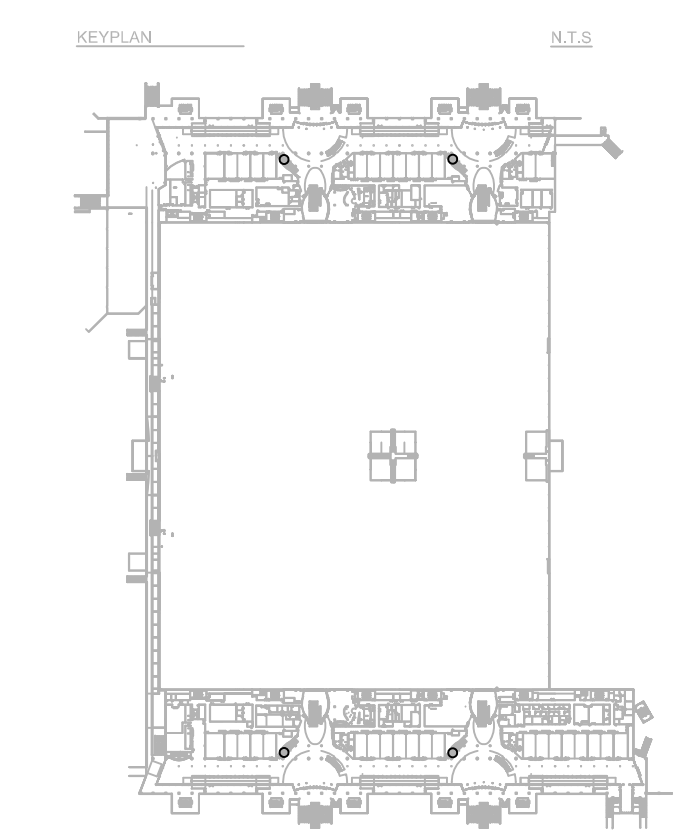
- REFER TO SYMBOL LEGEND ON SHEET E0.001.
- REFER TO BOOK SPECIFICATIONS.
- REFER TO ARCHITECTURAL INTERIOR ELEVATIONS TO COORDINATE EXACT PLACEMENT OF ALL DEVICES, EQUIPMENT, FIXTURES, SWITCHES AND OUTLETS.
- ALL FEEDERS ARE TO HAVE LESS THAN 2% TOTAL VOLTAGE DROP AND ALL BRANCH CIRCUITS SHALL HAVE LESS THAN 3% VOLTAGE DROP.
- IF CIRCUITS ARE COMBINED AND RUN AS MULT-WIRE BRANCH CIRCUITS SHARING A COMMON NEUTRAL, THEN EACH UNGROUNDED CONDUCTOR MUST BE DISCONNECTED SIMULTANEOUSLY BY A COMMON TRIP CIRCUIT BREAKER. CONTRACTOR MAY, AT THEIR OPTION, PROVIDE EITHER COMMON TRIP MULT-POLE CIRCUIT BREAKERS OR UTILIZE MANUFACTURERS LISTED HANDLE TIES IN ORDER TO PROVIDE THE SIMULTANEOUS TRIP. THESE DEVICES ARE NOT SHOWN IN THE PANEL SCHEDULES AND MUST BE PROVIDED BY THIS SCOPE OF WORK. NO MORE THAN 3 CIRCUITS MAY BE COMBINED IN A SINGLE RACEWAY WITHOUT PRIOR APPROVAL BY THE ENGINEER.
- CONTRACTOR SHALL PERFORM CIRCUIT TRACE ON ALL BRANCH CIRCUITS IN PANEL BEING WORKED ON AND PROVIDE AN UPDATED TYPEWRITTEN PANEL SCHEDULE IDENTIFYING CIRCUITS FED AND LOCATION AND/OR ROOM NUMBER.
- CONTRACTOR TO SEGREGATE ALL GROUNDS AND NEUTRALS ONTO THE CORRECT BUS.
- CONTRACTOR TO CONFIRM THAT THERE IS A GROUND CONDUCTOR FOR EACH LOAD OR THAT THE CONDUIT PATH GROUND IS CONTINUOUS FOR EACH LOAD.
- CONTRACTOR TO CHECK PHASE ROTATION PRIOR TO DISCONNECTION AND AFTER RECONNECTION OF POWER.
- CONTRACTOR TO IDENTIFY CONDUITS EXITING PANEL WITH CIRCUIT NUMBER INFORMATION.
- ENSURE ALL WIRES ARE TAGGED PER IDENTIFICATION SPECIFICATION.

**PLAN KEY NOTES:**

- SPEAKER TO BE REMOVED. PROVIDE J-BOX TO MAINTAIN DOWNSTREAM CONNECTIONS.
- FIRE ALARM DEVICE TO BE REMOVED AND PROTECTED THROUGH CONSTRUCTION FOR REINSTALLATION DURING RENOVATION.



**ELECTRICAL DEMO POWER PLAN- LEVEL 2**  
SCALE: 1/4"=1'-0"



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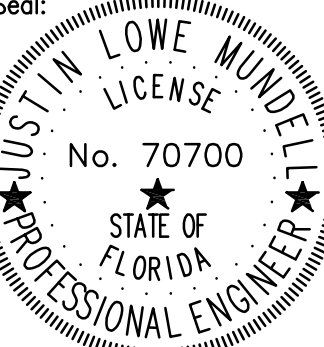


Issue: 03-19-19 100% BID DOCUMENTS

No.	Date	Description

**Project Name:**  
OCCC NETWORK  
WELLNESS ROOM  
BUILDOUTS  
NORTH-SOUTH  
BUILDING

Project Number: 2018-167  
Drawing File Name: 1600-E301-2018167  
Scale: AS SHOWN  
Design By: MEH  
Drawn By: MEH  
Checked By: MEH  
Engineer of Record:  
JUSTIN L. MUNDIEL  
License Number: FL70700



Sheet Name:  
**ELECTRICAL POWER PLAN-  
LEVEL 2**

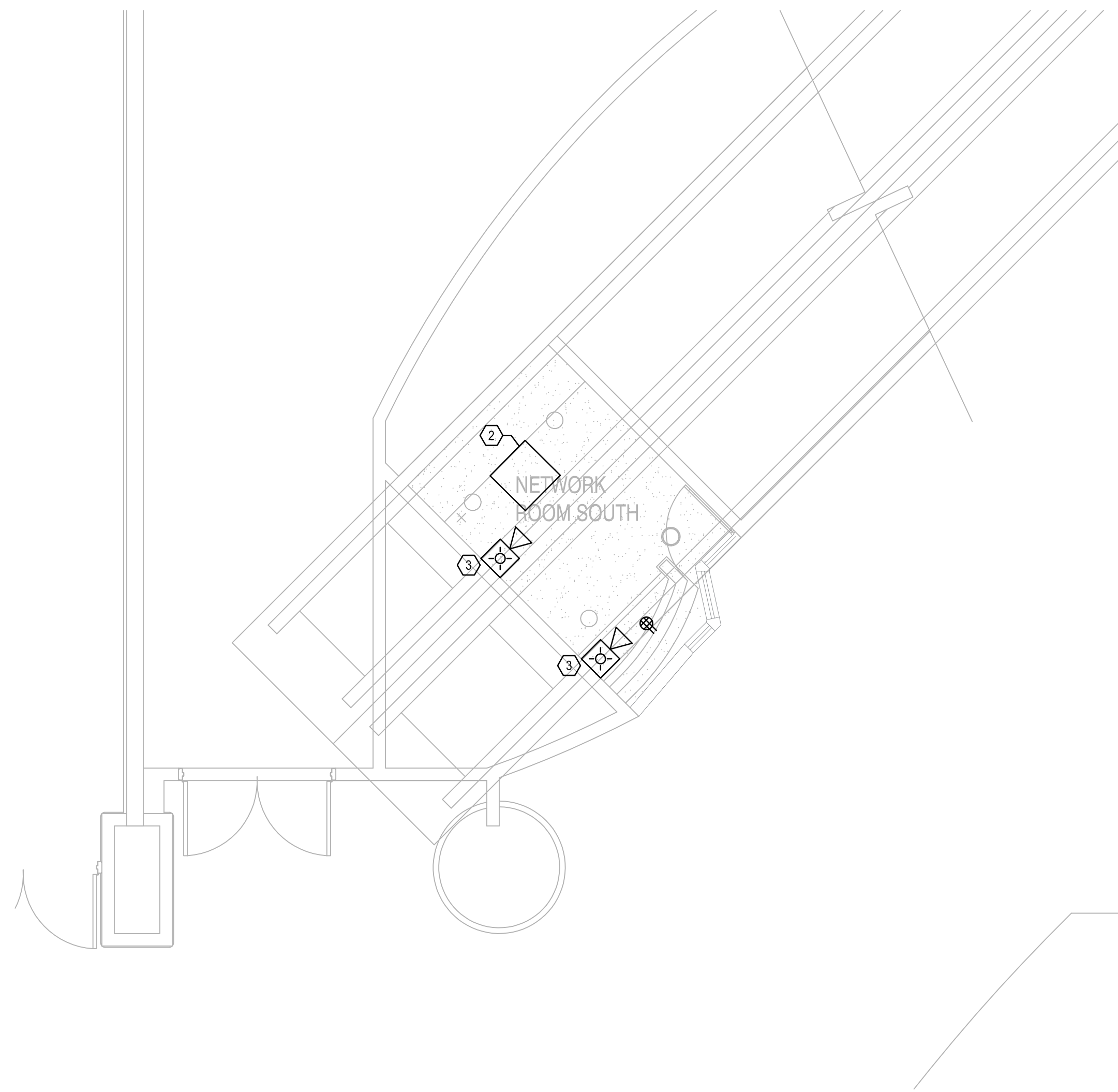
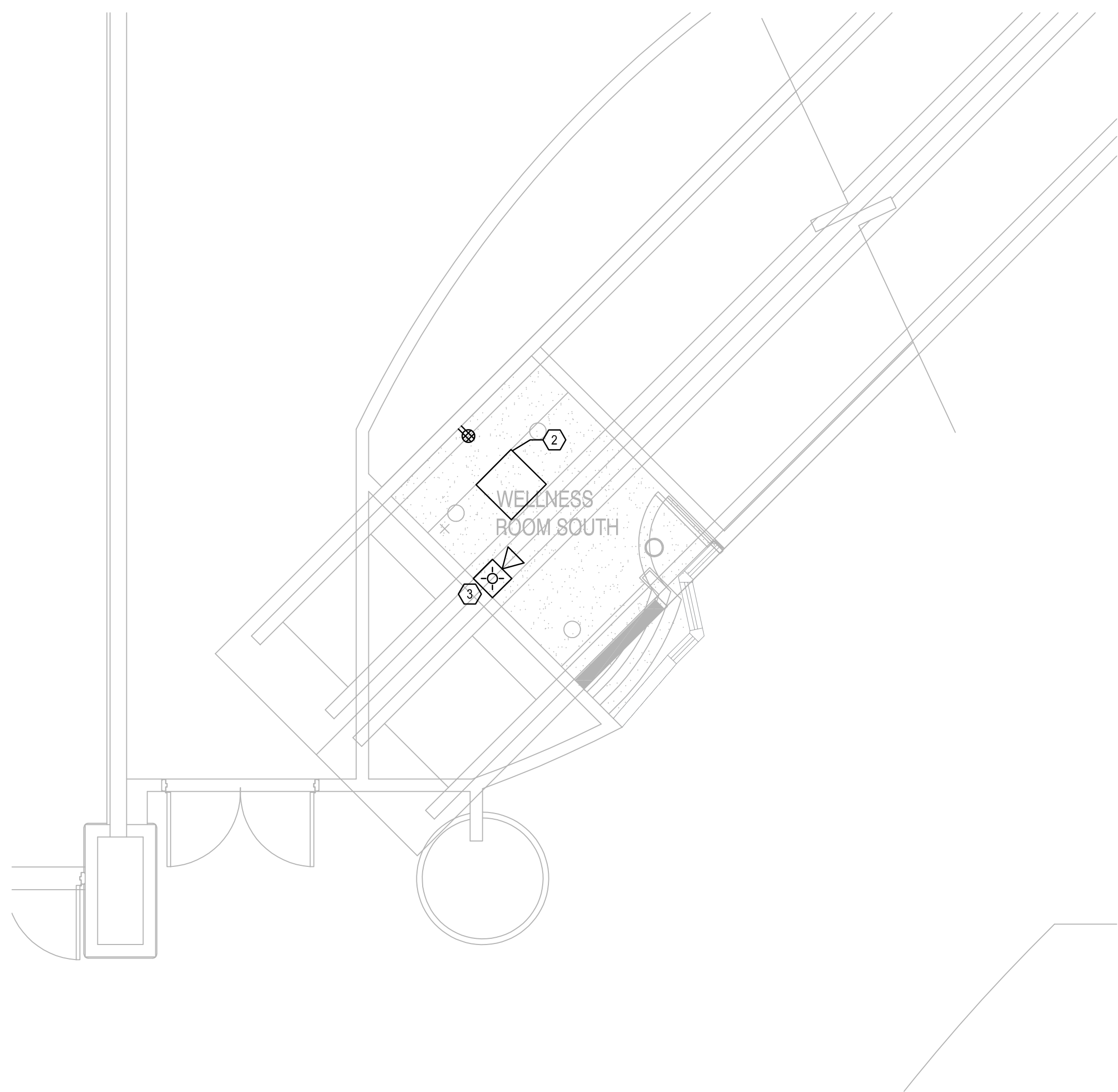
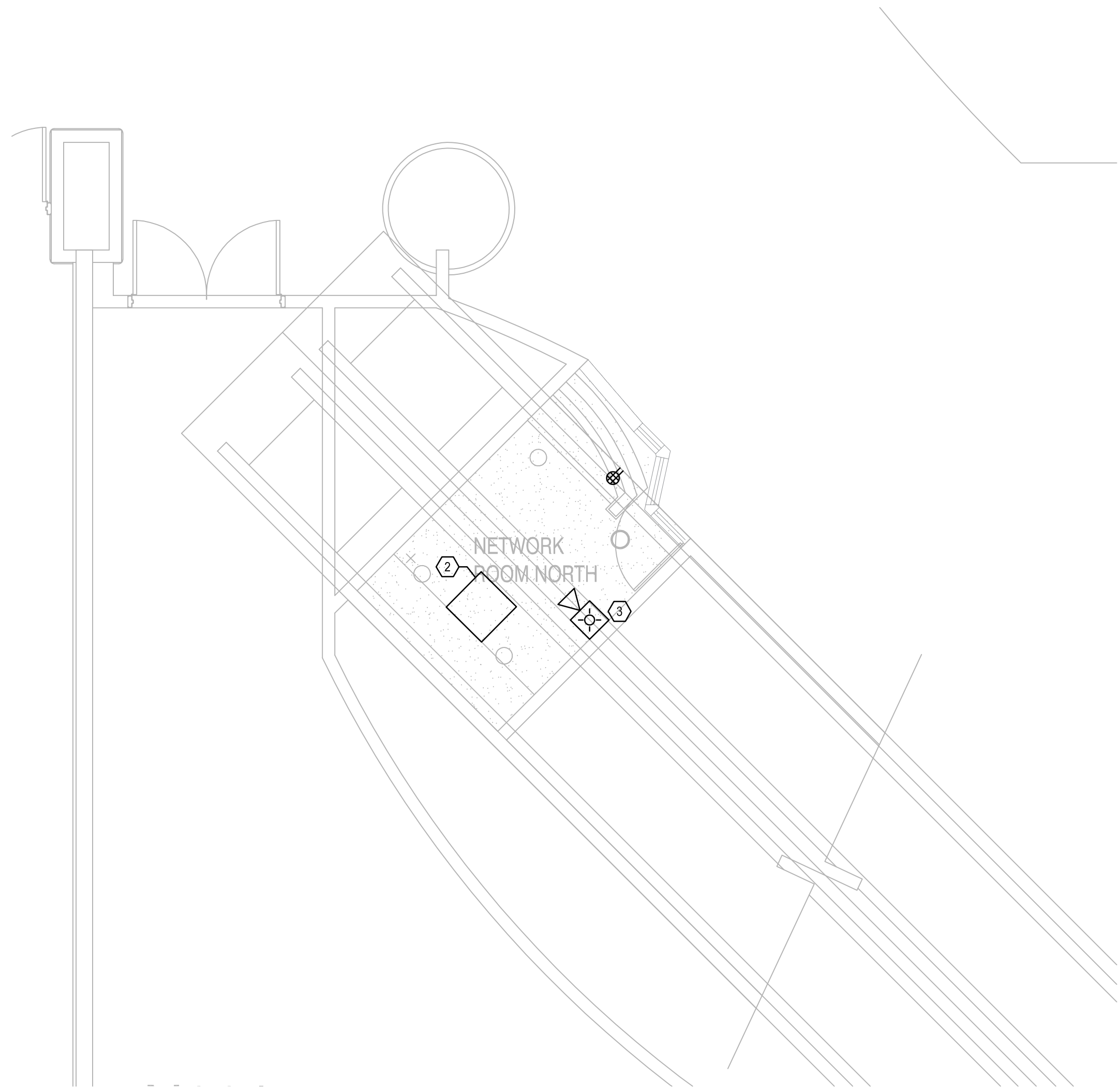
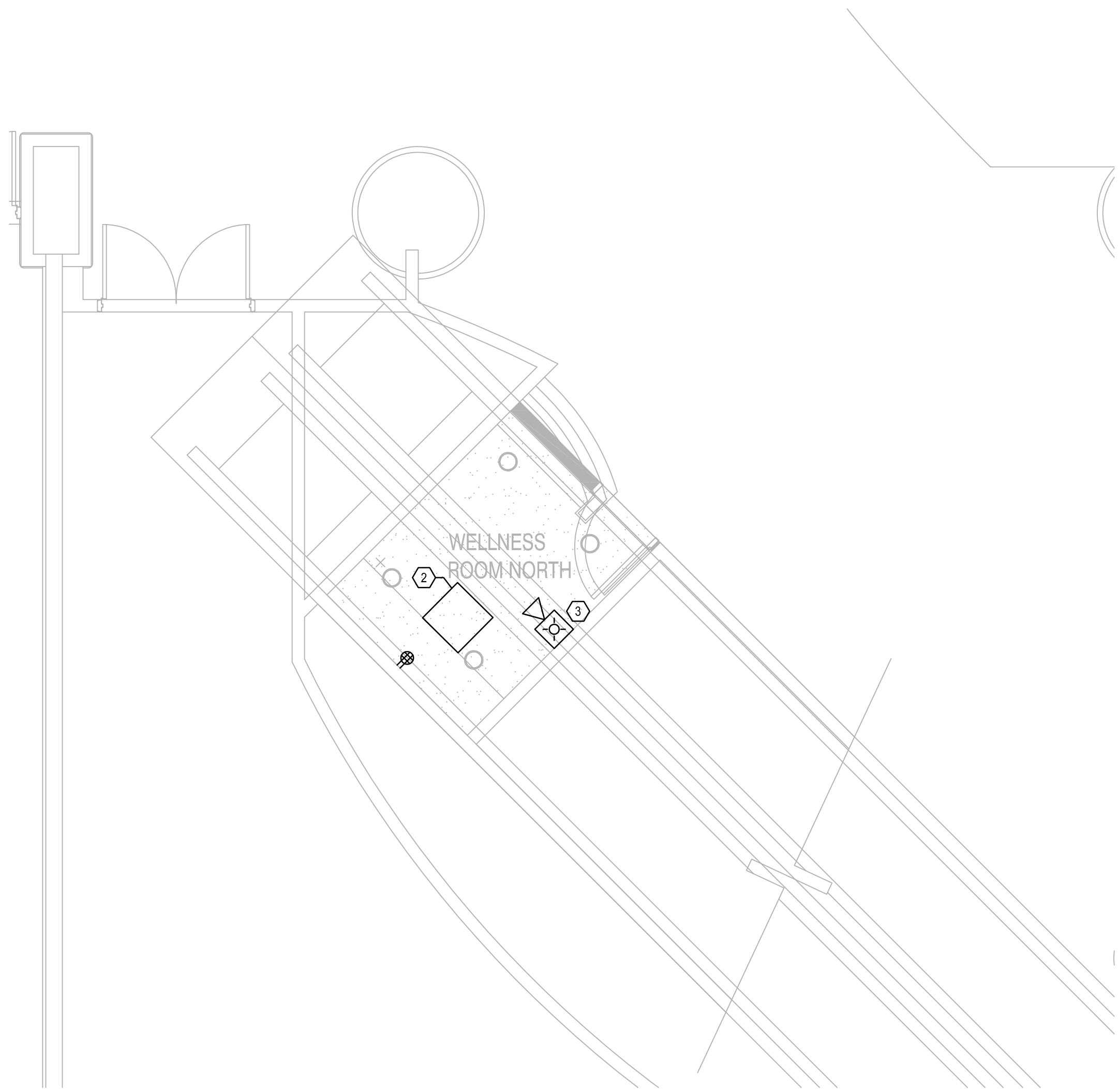
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**GENERAL NOTES:**

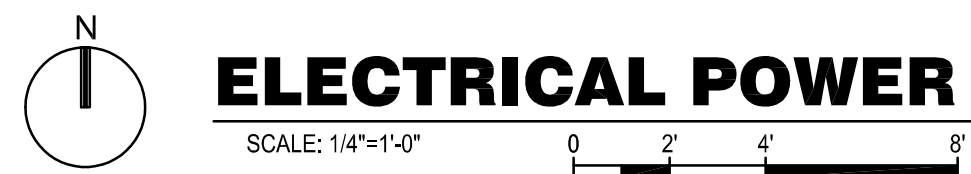
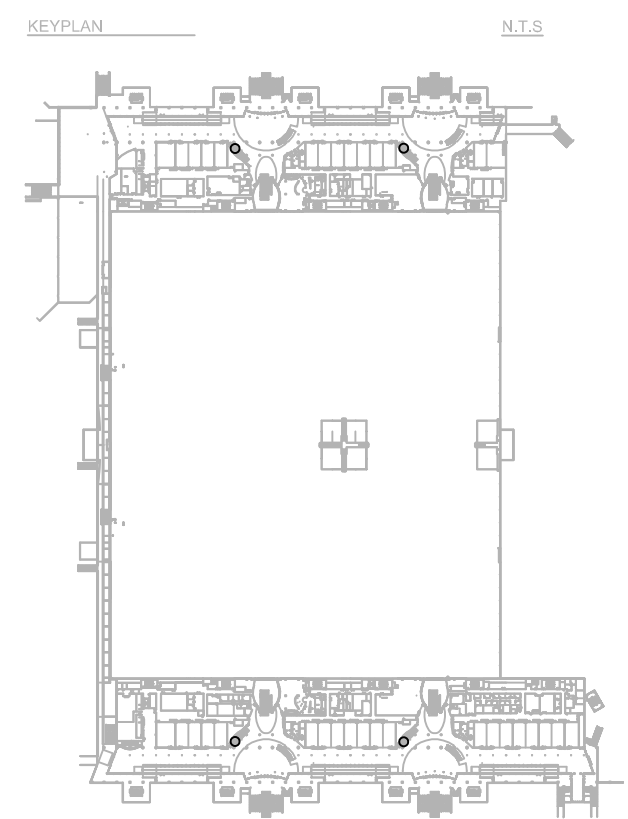
- REFER TO SYMBOL LEGEND ON SHEET E0.001.
- REFER TO BOOK SPECIFICATIONS.
- REFER TO ARCHITECTURAL INTERIOR ELEVATIONS TO COORDINATE EXACT PLACEMENT OF ALL DEVICES, EQUIPMENT, FIXTURES, SWITCHES AND OUTLETS.
- ALL FEEDERS ARE TO HAVE LESS THAN 2% TOTAL VOLTAGE DROP AND ALL BRANCH CIRCUITS SHALL HAVE LESS THAN 3% VOLTAGE DROP.
- IF CIRCUITS ARE COMBINED AND RUN AS MULTI-WIRE BRANCH CIRCUITS SHARING A COMMON NEUTRAL, THEN EACH UNGROUNDED CONDUCTOR MUST BE DISCONNECTED SIMULTANEOUSLY BY A COMMON TRIP CIRCUIT BREAKER. CONTRACTOR MAY, AT THEIR OPTION, PROVIDE EITHER COMMON TRIP MULTI-POLE CIRCUIT BREAKERS OR UTILIZE MANUFACTURERS LISTED HANDLE TIES IN ORDER TO PROVIDE THE SIMULTANEOUS TRIP. THESE DEVICES ARE NOT SHOWN IN THE PANEL SCHEDULES AND MUST BE PROVIDED BY THIS SCOPE OF WORK. NO MORE THAN 3 CIRCUITS MAY BE COMBINED IN A SINGLE RACEWAY WITHOUT PRIOR APPROVAL BY THE ENGINEER.
- REPLACE ALL EXISTING DUPLEX RECEPTACLES WITH NEW.

**PLAN KEY NOTES:** ①

- NEW JUNCTION BOX TO TAKE THE PLACE OF DEMOLISHED SPEAKER TO MAINTAIN CONNECTION OF OTHER EXISTING SPEAKERS.
- NEW 'X'Z ACCESS PANEL TO BE INSTALLED IN HARD CEILING.
- FIRE ALARM DEVICE TO BE REINSTALLED AFTER BEING PROTECTED THROUGH DEMOLITION.



**ELECTRICAL POWER PLAN- LEVEL 2**  
SCALE: 1/4"=1'-0"

DATE PLOTTED: 03/22/2019 10:05:11 AM; PLOTTER: HP DesignJet T1300; PLOT SCALE: 1/4"=1'-0"; PLOT SHEET: E3.001

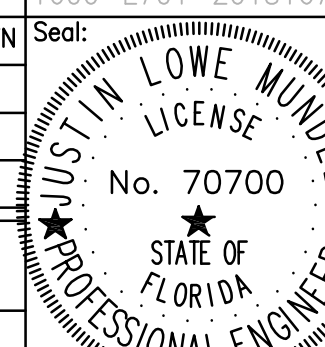
Client Name:



Issue: 03-19-19 100% BID DOCUMENTS

No.	Date	Description

Project Name:  
**OCCC NETWORK WELLNESS ROOM BUILDOUTS NORTH-SOUTH BUILDING**

Project Number: 2018-167	Drawing File Name: 1600-E701-2018167
Scale: AS SHOWN	Seal: 
Design By: MEP	
Drawn By: MEP	
Checked By: MEP	
Engineer of Record: JUSTIN L. MUNDELL	
License Number: FL70700	

Sheet Name:  
**ELECTRICAL FIXTURE SCHEDULE**

Sheet Number:  
**E7.001**

LIGHTING FIXTURE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER / MODEL NUMBER	VOLTS	QTY LAMPS	LAMP TYPE	BALLAST/DRIVER	WATTS	MOUNTING	NOTES
G	6" ARCHITECTURAL LED ROUND RECESSED CAN LIGHT	SSG2-2000-408-EM	277		LED	DRIVER	30	RECESSED	
X1	LED EXIT SIGN	CYCLONE CYC SERIES OR EQUIVALENT FIXTURE	UNV		LED	DRIVER	1	WALL / CEILING	

- GENERAL NOTES:**
- (1) - REFER TO SPECIFICATIONS FOR ADDITIONAL LIGHTING FIXTURE REQUIREMENTS.
  - (2) - CONTRACTOR RESPONSIBLE FOR COORDINATION OF FLANGE TYPES, FITTINGS AND HARDWARE REQUIRED TO INSTALL LIGHTING FIXTURES INTO CEILING GRIDS, DRYWALL CEILINGS AND OTHER CONSTRUCTION MATERIALS AS REQUIRED.
  - (3) - ALL DIMENSIONS LISTED ABOVE ARE NOMINAL SIZES. SLIGHT VARIATIONS IN SHAPE OR SIZE WILL BE CONSIDERED BASED ON THE PROJECT REQUIREMENTS.
  - (4) - REFER TO ARCHITECTURAL PLANS FOR MOUNTING HEIGHT/ORIENTATION AND CONSTRUCTION MATERIAL.
  - (5) - THE FINAL FIXTURE HOUSING AND REFLECTOR FINISH SHALL BE SELECTED BY ARCHITECT.
  - (6) - ALL LIGHTING FIXTURES SHALL BE UL LISTED.
  - (7) - EXIT FIXTURES AND THE EMERGENCY FIXTURES SHALL BE FED FROM INVERTER SYSTEM.
  - (8) - REFER TO SHEET E3.01 AND SPEC SECTION 260943 FOR CONTROLS INFORMATION.

LIGHTING FIXTURE SCHEDULE

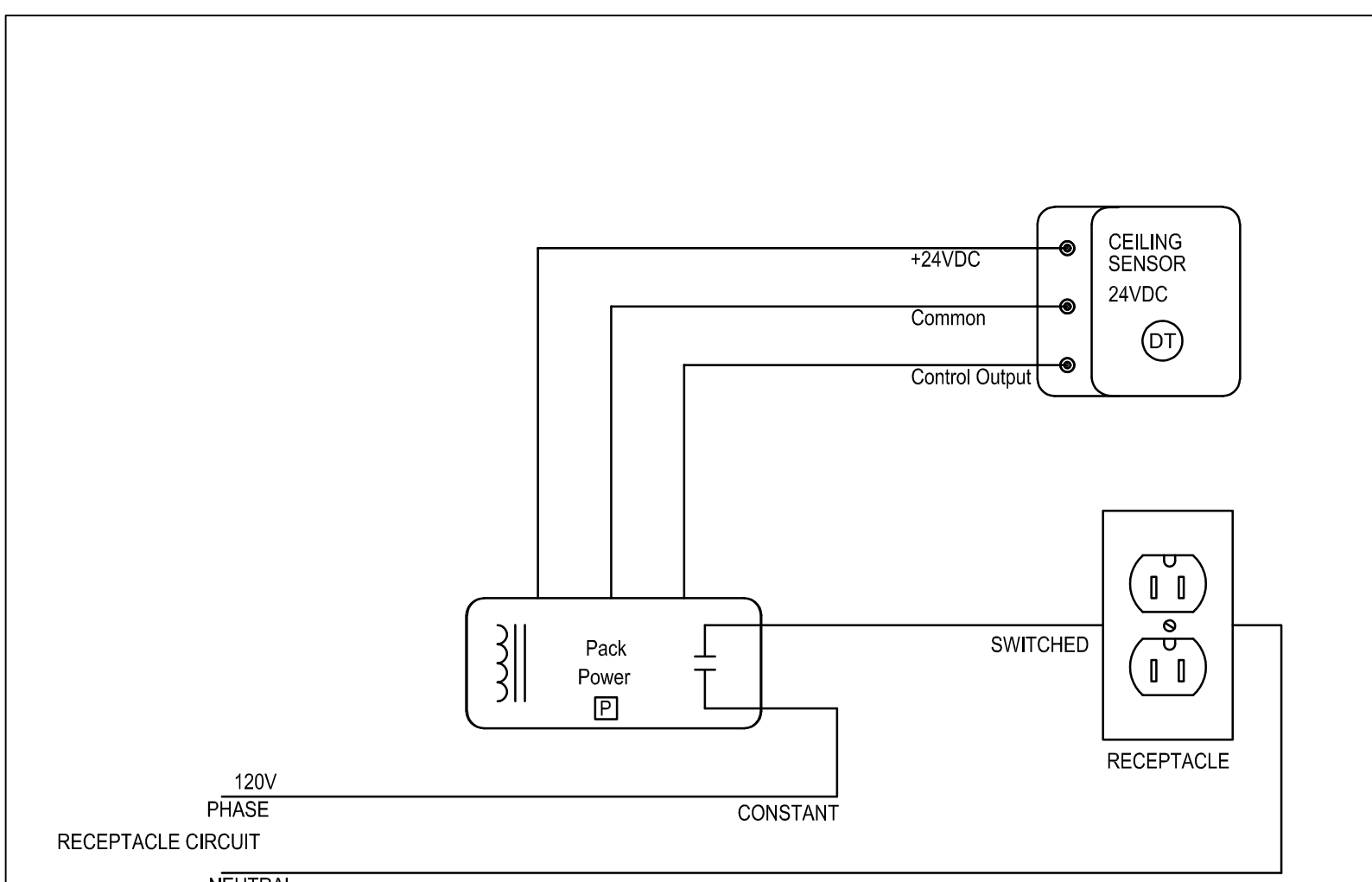

**ELECTRICAL FIXTURE SCHEDULE**

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 4. THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE.  
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**GENERAL NOTES:**

- a. PROVIDE SEPARATE SENSOR FROM THE SENSOR ON LIGHTING PLANS WITHIN THE SAME ROOM.
- b. PROVIDE ADDITIONAL POWER PACK FOR RECEPTACLE CIRCUIT.
- c. RECEPTACLES TO BE ON 20 MINUTE TIMER.

**TYPICAL ROOM RECEPTACLE CONTROL - NO SWITCH**  
 No Scale

1

Issue: 03-19-19 100% BID DOCUMENTS

No.	Date	Description

**Project Name:**  
**OCCC NETWORK WELLNESS ROOM BUILDOUTS NORTH-SOUTH BUILDING**

**Project Number:** 2018-167     **Drawing File Name:** 1600-E801-2018167  
**Scale:** AS SHOWN     **Seal:** [Professional Engineer Seal]  
**Design By:** MEH  
**Drawn By:** MEH  
**Checked By:** MEH  
**Engineer of Record:** JUSTIN L. MUNDELL, No. 70700, STATE OF FLORIDA, PROFESSIONAL ENGINEER  
**License Number:** FL70700

**Sheet Name:**  
**ELECTRICAL DETAILS**

**Sheet Number:**  
**E8.001**