

TRAND ASSOCIATES  
629 WASHINGTON ST.  
COLUMBUS, IN 47201  
STRUCTURAL  
SSR, INC.  
2995 SIDCO DR.  
NASHVILLE, TN 37204  
MEP  
SSR, INC.  
2995 SIDCO DR.  
NASHVILLE, TN 37204  
LANDSCAPING  
MKS  
200 S MERIDIAN ST.  
INDIANAPOLIS, IN 46225

CITY OF COLUMBUS  
123 WASHINGTON ST.  
COLUMBUS, IN 47201  
**FACILITY**  
FAIR OAKS MALL  
2380 25TH ST.  
COLUMBUS, IN 47201  
**CONTRACTOR**  
TAYLOR BROS. CONSTRUCTION CO., INC.  
4555 MIDDLE RD.  
COLUMBUS, IN 47203



**busindiana**  
ed.unforgettable.

23 WASHINGTON ST.  
COLUMBUS, IN 47201

A. ALL WORK SHOWN IS THE RESULT OF LIMITED FIELD INVESTIGATION AND EXISTING ORIGINAL PLANS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE INFORMATION AND INFORM THE ENGINEER OF ANY DISCREPANCIES PRIOR TO BEGINNING.

B. IF ALL DEMOLITION FIXTURES ON A CIRCUIT ARE REMOVED, REMOVE CONDUITS AND RACEWAY BACK TO PANEL UNLESS OTHERWISE SPECIFIED. IF ANY DISCREPANCIES ARE NOTED, CONNECT REMAINING DEVICES BACK TO ORIGINAL CIRCUIT.

C. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS BEFORE WORK BEGINS. CONTRACTOR SHALL VISIT THE JOB SITE PRIOR TO BEGINNING WORK AND REVIEW ALL AREAS CONCERNING THIS PROJECT. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO INFORM THE ENGINEER OF ANY DISCREPANCIES PRIOR TO BEGINNING WORK. CONTRACTOR SHALL FIELD VERIFY ALL INFORMATION INDICATING ANY ADDITIONAL WORK REQUIRED TO BE PERFORMED WITH EXPLANATION OF WORK.

D. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO SCHEDULE ALL DEMOLITION WORK TO BE COMPLETED IN ADVANCE. WORK SHALL BE PERFORMED AT SUCH TIMES AND UNDER SUCH CONDITIONS AS SUITS THE OWNER. CONTRACTOR IS RESPONSIBLE FOR ALL SYSTEMS AND INTERRUPTIONS WITH BUILDING OPERATIONS PERSONNEL. DEMOLITION SHALL BE STAGED TO MAINTAIN DOWNTIME AT AN ABSOLUTE MINIMUM.

E. PATCH HOLES LEFT IN WALLS AND FLOORS AFTER REMOVAL OF EXISTING PIPING, CONDUIT, ETC., TO MATCH NEW OR EXISTING CONSTRUCTION AND FIRE RATING.

F. CONTRACTOR SHALL SUBMIT A COMPLETE LIST OF EQUIPMENT AND ITEMS TO BE REMOVED TO THE OWNER. ALL ITEMS THAT THE OWNER WISHES TO RETAIN SHALL BE PLACED IN STORAGE AND THE REMAINDER SHALL BE REMOVED FROM THE SITE AND DISPOSED OF LEGALLY.

G. REMOVE ALL JUNCTION BOXES, CONDUIT, PIPE HANGERS, STRAPS OR TRIS WIRE ANCHORED IN CONCRETE SLAB ABOVE CEILING THAT ARE NO LONGER IN USE.

H. EXISTING SERVICES INDICATED ON THESE DRAWINGS WERE DERIVED FROM EXISTING DRAWINGS AND LIMITED FIELD OBSERVATIONS. THESE DRAWINGS ARE NOT ALL INCLUSIVE OF SERVICES THAT EXIST IN THE PROJECT AREA. CONTRACTOR SHALL VERIFY SERVICES, LOCATION, TYPE, AND SIZES PRIOR TO ANY CONSTRUCTION. ANY DEVIATIONS FROM WORK SHOWN ON THESE DRAWINGS SHALL BE IMMEDIATELY REPORTED TO THE DESIGNER FOR COORDINATION PRIOR TO DEMOLITION.

I. COORDINATE WITH ARCHITECTURAL DRAWINGS FOR WALL, FLOOR AND CEILING DEMOLITION REQUIREMENTS.

J. COORDINATE WITH MECHANICAL DRAWINGS FOR ELECTRICAL DEMOLITION REQUIREMENTS.

K. IF ANY EXISTING CIRCUITS ARE TO REMAIN FROM PANEL THAT IS IN THE SAME AREA, NOTIFY THE OWNER OF NUMBER OF CIRCUITS TO REMAIN, WHAT THE CIRCUITS SERVE AND CIRCUIT SIZE FOR DIRECTION PRIOR TO DEMOLITION OF PANEL.

- ① EXISTING HOUSE ELECTRICAL ROOM. SEE DRAWING E30-00.
- ② EXISTING TENANT METER ROOM. SEE DRAWING E30-00.
- ③ EXISTING UTILITY TRANSFORMERS TO REMAIN.
- ④ EXISTING TENANT METER ROOM AND EQUIPMENT TO REMAIN. SEE DRAWING E30-01.
- ⑤ EXISTING UTILITY TRANSFORMER TO REMAIN.
- ⑥ EXISTING UTILITY TRANSFORMER TO BE REMOVED AND REPLACED. DUKE ELECTRICAL TO DETERMINE SIZE BASED ON NEW LOADS.
- ⑦ EXISTING JC PENNY ELECTRICAL SERVICE ENTRANCE ROOM. SEE DRAWING E30-01.

| SYMBOL                                                                                | DESCRIPTION            |
|---------------------------------------------------------------------------------------|------------------------|
|  | EXISTING TO REMAIN     |
|  | EXISTING TO BE REMOVED |
|  | DEMO TO THIS POINT     |



CONSULTANTS

STRAND ASSOCIATES  
629 WASHINGTON ST.  
COLUMBUS, IN 47201  
STRUCTURAL  
SSR, INC.  
2995 SIDCO DR.  
NASHVILLE, TN 37204  
MEP  
SSR, INC.  
2995 SIDCO DR.  
NASHVILLE, TN 37204  
LANDSCAPING  
MKSK  
200 S MERIDIAN ST.  
INDIANAPOLIS, IN 46225

OWNER

CITY OF COLUMBUS  
123 WASHINGTON ST.  
COLUMBUS, IN 47201  
FACILITY  
FAIR OAKS MALL  
2080 25TH ST.  
COLUMBUS, IN 47201  
CONTRACTOR  
TAYLOR BROS. CONSTRUCTION CO., INC.  
4655 MIDDLE RD.  
COLUMBUS, IN 47203

PROJECT

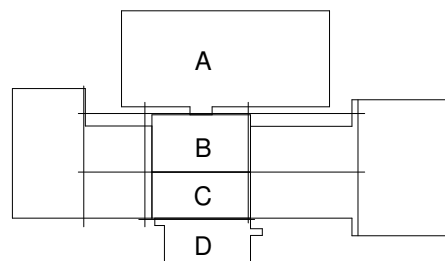
NEXUSPARK



City of Columbus

123 WASHINGTON ST.  
COLUMBUS, IN 47201

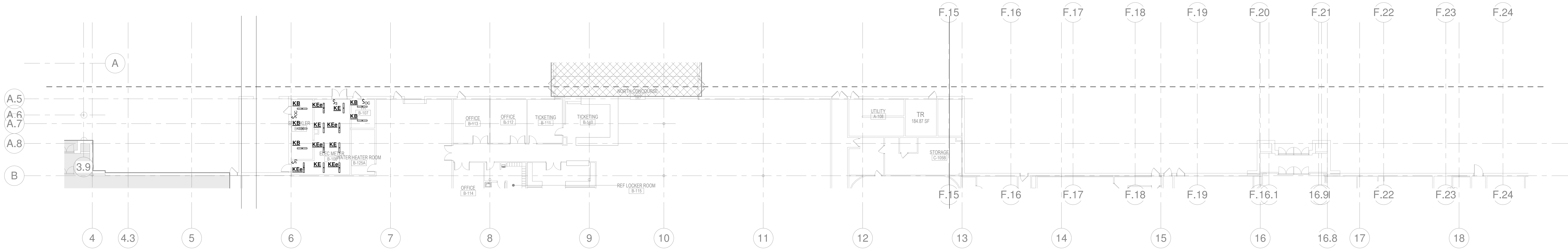
KEYPLAN



| TITLE                              | DATE      | BY | CHKD |
|------------------------------------|-----------|----|------|
| FOR PROPOSAL - ENABLING & PHASE 1A | 3/16/2022 |    |      |
| ISSUED                             |           |    |      |

Job Number  
TITLE  
ELECTRICAL  
LIGHTING PLAN -  
SECTOR B - ENABLING  
PHASE  
SHEET NUMBER

E11-01



1 ELECTRICAL LIGHTING - AREA B - ENABLING PHASE  
1/16\" = 1'-0"



## ND ASSOCIATES

SSR, INC.  
2995 SIDCO DR.  
HIVILLE, TN 37204

MKSK  
10 S MERIDIAN ST.  
INDIANAPOLIS, IN 46225

WINNER

FAIR OAKS MALL  
2380 25TH ST.  
COLUMBUS, IN 47201

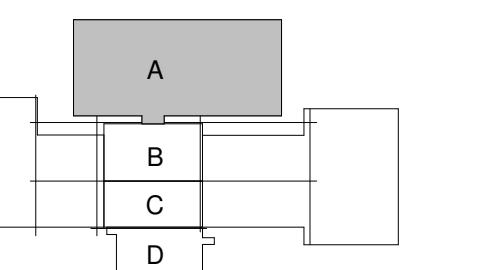
SECTION CO., INC.  
4555 MIDDLE RD.  
COLUMBUS, IN 47203

## USPARK

of Columbus

3 WASHINGTON ST.  
COLUMBUS, IN 47201

## YPLAN



## VALUE CHART

|    |                                  |           |
|----|----------------------------------|-----------|
|    | FOR PROPOSAL - ENABLING & PH. 1A | 3/18/2022 |
| PK | ISSUE                            | DATE      |

ELECTRICAL  
LIGHTING PLAN -  
SECTOR A - PHASE 1A

**SHEET NUMBER**

**11-11**

22 Perkins and Will



① ALL FIXTURES IN THIS ROW RUNNING EAST/WEST TO BE MOUNTED AT 43'-0" A.F.F.

A. PROVIDE PRESET SCENE CONTROLLER ENTRY STATION AT THIS LOCATION. CONTROLLER TO ALLOW DIMMING CONTROL OF FIXTURES PER ZONE. PROPOSED ZONES ARE INDICATED ON PLAN AS A REFERENCE. COORDINATE ACTUAL ZONING WITH OWNER. PROVIDE A MINIMUM OF THREE ZONES.

B. PROVIDE LOW VOLTAGE CONTROL SWITCH AT THIS LOCATION FOR ON/OFF CONTROL OF ALL FIXTURES IN THIS ZONE.

C. LIGHTING TO BE ROUTED THROUGH RELAY PANEL LOCATED IN ELECT RM. B-108 TO PROVIDE TIMED ON/OFF CONTROL OF FIXTURES. PROVIDE A MINIMUM OF 42 20 AMP, SINGLE POLE RELAYS.

D. TARGETED LIGHTING LEVEL AT FULL OUTPUT IS 100fc.

E. LIGHT FIXTURES SHOWN HATCHED TO BE ROUTED THROUGH LIGHTING INVERTER LOCATED IN ELECT RM. 8-108 TO PROVIDE REQUIRED EMERGENCY EGRESS LIGHTING. REFERENCE DRAWING E60-11.

| SYMBOL                                                                                | DESCRIPTION                       |
|---------------------------------------------------------------------------------------|-----------------------------------|
|  | EXISTING TO REMAIN                |
|  | NEW CONSTRUCTION                  |
|  | CONNECT TO EXISTING AT THIS POINT |

| SYMBOL                                                                                | DESCRIPTION                       |
|---------------------------------------------------------------------------------------|-----------------------------------|
|  | EXISTING TO REMAIN                |
|  | NEW CONSTRUCTION                  |
|  | CONNECT TO EXISTING AT THIS POINT |



① PROVIDE LOCAL CONTROL AND FIXTURES TO BE ROUTED THROUGH RELAY CABINET FOR TIMED ON/OFF CONTROL.

| SYMBOL                                                                                | DESCRIPTION                       |
|---------------------------------------------------------------------------------------|-----------------------------------|
|  | EXISTING TO REMAIN                |
|  | NEW CONSTRUCTION                  |
|  | CONNECT TO EXISTING AT THIS POINT |



CONSULTANTS

STRAND ASSOCIATES  
629 WASHINGTON ST.  
COLUMBUS, IN 47201  
STRUCTURAL

SSR, INC.  
2995 SIDCO DR.  
NASHVILLE, TN 37204  
MEP

SSR, INC.  
2995 SIDCO DR.  
NASHVILLE, TN 37204  
LANDSCAPING

MKS  
200 S MERIDIAN ST.  
INDIANAPOLIS, IN 46225

OWNER

CITY OF COLUMBUS  
123 WASHINGTON ST.  
COLUMBUS, IN 47201

FAIR OAKS MALL  
2880 25TH ST.  
COLUMBUS, IN 47201

CONTRACTOR  
TAYLOR BROS. CONSTRUCTION CO., INC.  
4555 MIDDLE RD.  
COLUMBUS, IN 47203

PROJECT

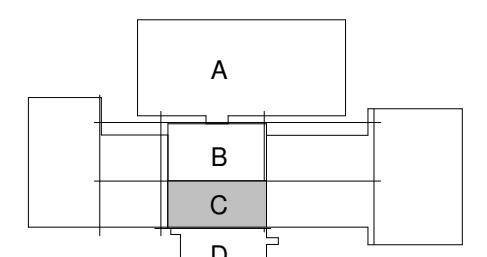
NEXUSPARK



City of Columbus

123 WASHINGTON ST.  
COLUMBUS, IN 47201

KEY PLAN



ISSUE CHART

ISSUED FOR PROPOSAL - ENABLING & PHASE 1A 03/18/2022

SHEET KEYED NOTES

- BASE BID WILL HAVE NO WORK IN THIS SPACE. LIGHTING AND CONTROLS SHOWN IN THE SPACE ARE TO BE ALTERNATE 1B-1.
- BASE BID WILL HAVE NO WORK IN THIS SPACE. LIGHTING AND CONTROLS SHOWN IN THE SPACE ARE TO BE ALTERNATE 1B-2.
- BASE BID WILL HAVE NO WORK IN THIS SPACE. LIGHTING AND CONTROLS SHOWN IN THE SPACE ARE TO BE ALTERNATE 1B-3.
- PROVIDE LOCAL SWITCHING FOR MANUAL CONTROL. FIXTURES TO BE ROUTED THROUGH RELAY CABINET FOR TIMED ON/OFF CONTROL.

RENOVATION LEGEND

| SYMBOL | DESCRIPTION                       |
|--------|-----------------------------------|
|        | EXISTING TO REMAIN                |
|        | NEW CONSTRUCTION                  |
|        | CONNECT TO EXISTING AT THIS POINT |

1 ELECTRICAL LIGHTING - LEVEL 1 - AREA C

1/8" = 1'-0"



CONSULTANTS

STRAND ASSOCIATES  
629 WASHINGTON ST.  
COLUMBUS, IN 47201  
STRUCTURAL  
SSR, INC.  
2985 SIDCO DR.  
NASHVILLE, TN 37204  
MEP  
SSR, INC.  
2985 SIDCO DR.  
NASHVILLE, TN 37204  
MEP  
MKSJ  
200 S MERIDIAN ST.  
INDIANAPOLIS, IN 46225

OWNER

CITY OF COLUMBUS  
123 WASHINGTON ST.  
COLUMBUS, IN 47201  
FACILITY  
FAIR OAKS MALL  
2880 20TH ST.  
COLUMBUS, IN 47201  
CONTRACTOR  
TAYLOR BROS. CONSTRUCTION CO., INC.  
4855 MIDDLE RD.  
COLUMBUS, IN 47203

PROJECT

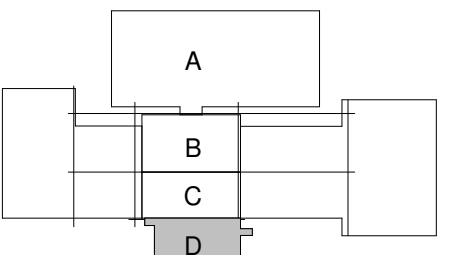
NEXUSPARK



City of Columbus

123 WASHINGTON ST.  
COLUMBUS, IN 47201

KEYPLAN



ISSUE CHART

ISSUED FOR PROPOSAL - ENABLING & PHASE 1A 03/18/2022

1 ELECTRICAL LIGHTING - LEVEL 1 - AREA D

1/8" = 1'-0"

SHEET KEYED NOTES

- 1 FIXTURES TO BE ROUTED THROUGH RELAY CABINET FOR TIMED ON/OFF CONTROL. PROVIDE LOCAL SWITCHING FOR MANUAL CONTROL. FIXTURES IN THE FOLLOWING AREAS TO BE ZONED TOGETHER:  
LINEAR IN WOOD SLAT CEILING  
DOWNLIGHTS  
LINEAR IN WOOD SLAT CEILING - SEATING AREAS
- 2 PROVIDE PRESET SCENE CONTROLLER IN MEETING ROOM TO PROVIDE ON/OFF/DIMMING CONTROL OF FIXTURES IN THE SPACE. PROVIDE PARTITION SWITCH TO ALLOW ALL ROOMS TO BE CONTROLLED TOGETHER WHEN ROOMS ARE ALL OPEN. FIXTURES IN THE FOLLOWING AREA TO BE ZONED TOGETHER:  
200 FIXTURES  
PERIMETER DOWNLIGHTS  
DOWNLIGHTS AT FRONT OF ROOM (SCREEN END)
- 3 PROVIDE LOCAL SWITCHING FOR MANUAL CONTROL. FIXTURES TO BE ROUTED THROUGH RELAY CABINET FOR TIMED ON/OFF CONTROL.

RENOVATION LEGEND

| SYMBOL | DESCRIPTION                       |
|--------|-----------------------------------|
|        | EXISTING TO REMAIN                |
|        | NEW CONSTRUCTION                  |
|        | CONNECT TO EXISTING AT THIS POINT |

TITLE  
ELECTRICAL  
LIGHTING PLAN -  
SECTOR D - PHASE 1B

SHEET NUMBER

E11-24

© 2022 Perkins and Will



CONSULTANTS

STRAND ASSOCIATES

629 WASHINGTON ST.

COLUMBUS, IN 47201

STRUCTURAL

SSR, INC.

2995 SIDCO DR.

NASHVILLE, TN 37204

MEP

SSR, INC.

2995 SIDCO DR.

NASHVILLE, TN 37204

LANDSCAPING

MKS

200 S MERIDIAN ST.

INDIANAPOLIS, IN 46225

OWNER

CITY OF COLUMBUS

123 WASHINGTON ST.

COLUMBUS, IN 47201

FACILITY

FAIR OAKS MALL

2880 20TH ST.

COLUMBUS, IN 47201

CONTRACTOR

TAYLOR BROS. CONSTRUCTION CO., INC.

4655 MIDDLE RD.

COLUMBUS, IN 47203

PROJECT

NEXUSPARK

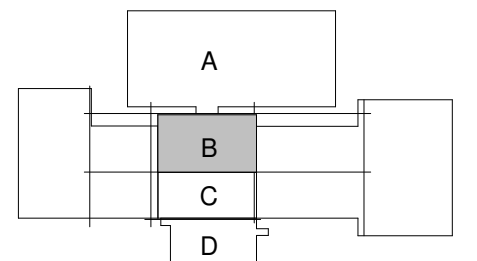


columbusindiana  
unexpected.unforgettable.

City of Columbus

123 WASHINGTON ST.  
COLUMBUS, IN 47201

KEYPLAN



ISSUED FOR PROPOSAL - ENABLING & PHASE 1A 03/18/2022

1 FOR PROPOSAL - ENABLING & PHASE 1A 3/18/2022

SHEET 1 OF 1

Job Number

TITLE

ELECTRICAL POWER

PLAN - SECTOR B -

ENABLING PHASE

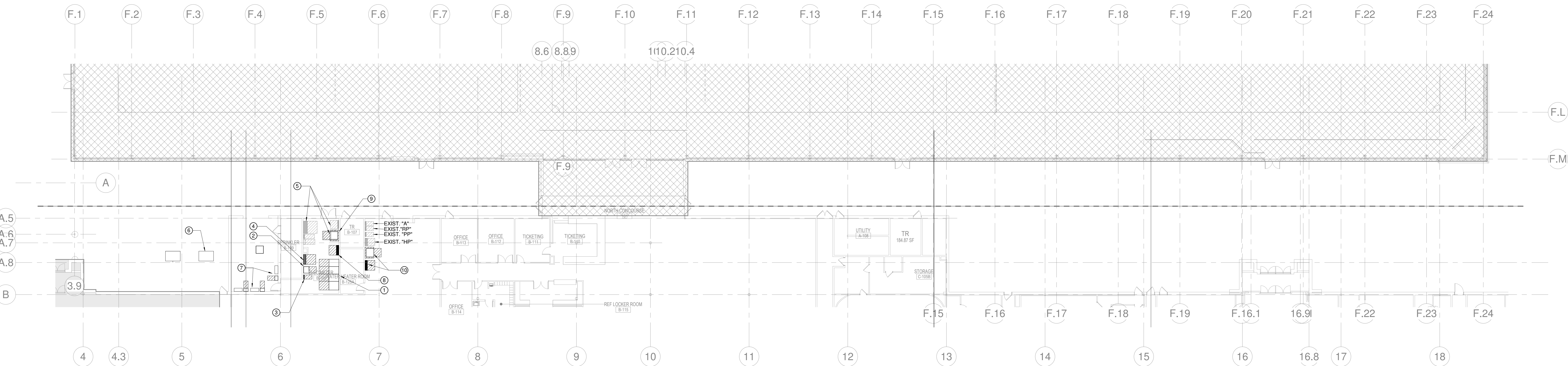
SHEET NUMBER

E12-01

© 2022 Perkins and Will

SHEET KEYED NOTES

- 1 NEW NORTHWEST SWITCHBOARD MSB. SEE DRAWING E60.00.
- 2 PANEL "HNW". SEE DRAWING E60.00.
- 3 PANEL "LNW". SEE DRAWING E60.00.
- 4 112.5 KVA TRANSFORMER TO SERVE PANEL "LNW". SEE DRAWING E60.01.
- 5 ELECTRICAL EQUIPMENT SHOWN SHADED "HALFTONE" TO BE INSTALLED IN FUTURE PHASE OF PROJECT. SEE DRAWING E60.11.
- 6 NEW TRANSFORMER TO BE PROVIDED BY DUKE ENERGY ON EXISTING PAD. ELECTRICAL CONTRACTOR TO PROVIDE SECONDARY FEEDERS UNDERGROUND TO NEW SWITCHBOARD "MSB".
- 7 NEW ENCLOSED CIRCUIT BREAKERS AND CT CABINETS FOR TENANT METERING FEEDS. PROVIDE METERING PER DUKE ENERGY METERING REQUIREMENTS. SEE DRAWING E60.02.
- 8 NEW PANEL HDPA. SEE DRAWING E60-01.
- 9 NEW 300 KVA TRANSFORMER TO SERVE PANEL HDPA. SEE DRAWING E60-01.
- 10 NEW 300 KVA TRANSFORMER AND PANEL HDPB. SEE DRAWING E60-01.



1 ELECTRICAL POWER PLAN - AREA A - ENABLING PHASE

1/16\" = 1'-0"



CONSULTANTS

STRAND ASSOCIATES  
629 WASHINGTON ST.  
COLUMBUS, IN 47201  
STRUCTURAL  
SSR, INC.  
2995 SIDCO DR.  
NASHVILLE, TN 37204  
MEP  
SSR, INC.  
2995 SIDCO DR.  
NASHVILLE, TN 37204  
LANDSCAPING  
MKSK  
200 S MERIDIAN ST.  
INDIANAPOLIS, IN 46225

OWNER

CITY OF COLUMBUS  
123 WASHINGTON ST.  
COLUMBUS, IN 47201  
FACILITY  
FAIR OAKS MALL  
2880 20TH ST.  
COLUMBUS, IN 47201  
CONTRACTOR  
TAYLOR BROS. CONSTRUCTION CO., INC.  
4855 MIDDLE RD.  
COLUMBUS, IN 47203

PROJECT

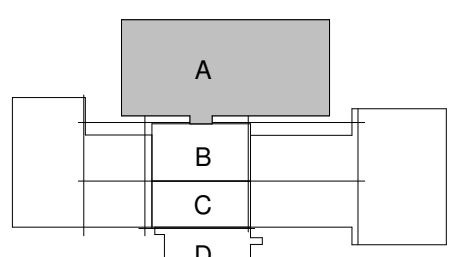
NEXUSPARK



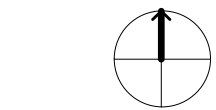
City of Columbus

123 WASHINGTON ST.  
COLUMBUS, IN 47201

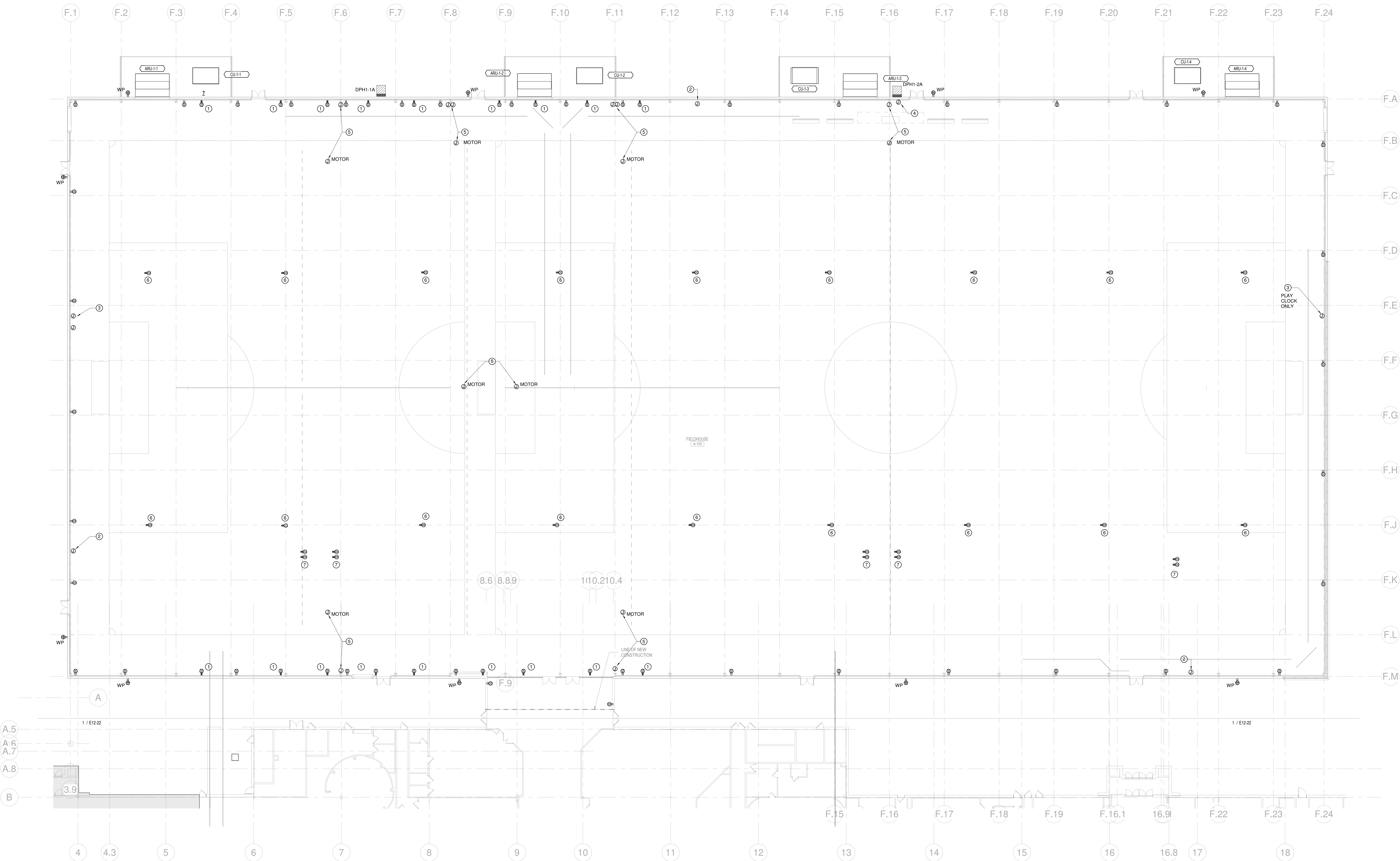
KEYPLAN



ISSUE CHART



ISSUED FOR PROPOSAL - ENABLING & PHASE 1A 03/18/2022



1 ELECTRICAL POWER PLAN - LEVEL 1 - AREA A

1/16" = 1'-0"

SHEET KEYED NOTES

- 1 DUPLEX RECEPTACLE FOR PORTABLE SCOREBOARD LOCATION.
- 2 JUNCTION BOX FOR 20 AMP, 120V CONNECTION TO SOFTBALL SCOREBOARD. PROVIDE KEVED SWITCH 46" A.F.F. FOR ON/OFF CONTROL. COORDINATE EXACT SCOREBOARD LOCATION WITH ARCHITECTURAL DRAWINGS.
- 3 JUNCTION BOX FOR 20 AMP, 120V CONNECTION TO FOOTBALL SCOREBOARD AND FOOTBALL PLAY CLOCK. PROVIDE KEVED SWITCH 46" A.F.F. FOR ON/OFF CONTROL OF BOTH. COORDINATE EXACT SCOREBOARD LOCATION WITH ARCHITECTURAL DRAWINGS.
- 4 JUNCTION BOX FOR 20 AMP, 120V CONNECTION TO MULTI-SPORT SCOREBOARD. PROVIDE KEVED SWITCH 46" A.F.F. FOR ON/OFF CONTROL OF BOTH. COORDINATE EXACT SCOREBOARD LOCATION WITH ARCHITECTURAL DRAWINGS.
- 5 JUNCTION BOX FOR 20 AMP, 120V CONNECTION TO OPERABLE NET CURTAIN HOIST MOTOR TO BE INSTALLED BY OWNER. PROVIDE RACEWAY AND WIRING FROM MOTOR CONNECTION TO CURTAIN CONTROL POINT LOCATION AND TO PANEL. COORDINATE CONTROL POINT LOCATION WITH ARCHITECTURAL DRAWINGS AND OWNER.
- 6 NEMA LS-20R RECEPTACLE MOUNTED ADJACENT TO POWERED SPEAKER. PROVIDE A 20 AMP DEDICATED CIRCUIT PER 6 SPEAKERS/ZONE OF SPEAKERS. COORDINATE SPEAKER ZONING, LOCATIONS AND MOUNTING HEIGHTS WITH TECHNOLOGY DRAWINGS. PROVIDE INTERFACE WITH FIRE ALARM SYSTEM TO PROVIDE SHUNT TRIP OF POWER CIRCUIT IF SYSTEM GOES INTO ALARM.
- 7 NEMA LS-20R RECEPTACLE MOUNTED ADJACENT TO A/V POWER SUPPLIES. PROVIDE A 20 AMP DEDICATED CIRCUIT PER EACH POWER SUPPLY. COORDINATE POWER SUPPLY LOCATIONS AND MOUNTING HEIGHTS WITH TECHNOLOGY DRAWINGS.

ALL 120/208 VOLT CIRCUITS TO BE FED FROM  
PANEL DLI-1-1A LOCATED IN ELECTRICAL ROOM R-108.

RENOVATION LEGEND

| SYMBOL | DESCRIPTION                       |
|--------|-----------------------------------|
| —      | EXISTING TO REMAIN                |
| —      | NEW CONSTRUCTION                  |
| ⚡      | CONNECT TO EXISTING AT THIS POINT |

TITLE  
ELECTRICAL POWER  
PLAN - SECTOR A -  
PHASE 1A

SHEET NUMBER

E12-11

© 2022 Perkins and Will



CONSULTANTS

STRAND ASSOCIATES  
629 WASHINGTON ST.  
COLUMBUS, IN 47201  
STRUCTURAL  
SSR, INC.  
2995 SIDCO DR.  
NASHVILLE, TN 37204  
MEP  
SSR, INC.  
2995 SIDCO DR.  
NASHVILLE, TN 37204  
LANDSCAPING  
MKSK  
200 S MERIDIAN ST.  
INDIANAPOLIS, IN 46225

OWNER

CITY OF COLUMBUS  
123 WASHINGTON ST.  
COLUMBUS, IN 47201  
FACILITY  
FAIR OAKS MALL  
2880 20TH ST.  
COLUMBUS, IN 47201  
CONTRACTOR  
TAYLOR BROS. CONSTRUCTION CO., INC.  
4555 MIDDLE RD.  
COLUMBUS, IN 47203

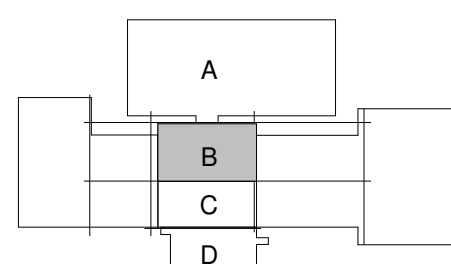
PROJECT

NEXUSPARK



123 WASHINGTON ST.  
COLUMBUS, IN 47201

KEYPLAN



ISSUE CHART

ISSUED FOR PROPOSAL - ENABLING & PHASE 1A 03/18/2022

1 FOR PROPOSAL - ENABLING & PHASE 1A 3/18/2022  
SHEET DATE  
Job Number

TITLE

ELECTRICAL POWER  
PLAN - SECTOR B-  
PHASE 1B

SHEET NUMBER

E12-22

1 ELECTRICAL POWER PLAN - LEVEL 1 - AREA B

1/8" = 1'-0"

| SHEET KEYED NOTES |                                                                                                                                                                         |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ①                 | PROVIDE COPPER GROUND BAR, 2"x12", MTD, 18" A.F.F. WITH #30 CONDUCTOR ROUTED TO MAIN GROUND CONNECTION IN ELECTRICAL ROOM B-108.                                        |
| ②                 | PROVIDE ONE RECEPTACLE IN EACH OFFICE WITH TWO (2) USB CHARGING OUTLETS, (TYPICAL). IN COMMON AREAS PROVIDE 50% OF OUTLET WITH TWO (2) USB CHARGING OUTLETS, (TYPICAL). |

| RENOVATION LEGEND |                                   |
|-------------------|-----------------------------------|
| SYMBOL            | DESCRIPTION                       |
|                   | EXISTING TO REMAIN                |
|                   | NEW CONSTRUCTION                  |
|                   | CONNECT TO EXISTING AT THIS POINT |



CONSULTANTS

STRAND ASSOCIATES  
629 WASHINGTON ST.  
COLUMBUS, IN 47201  
STRUCTURAL  
SSR, INC.  
2995 SIDCO DR.  
NASHVILLE, TN 37204  
MEP  
SSR, INC.  
2995 SIDCO DR.  
NASHVILLE, TN 37204  
LANDSCAPING  
MKSK  
200 S MERIDIAN ST.  
INDIANAPOLIS, IN 46225

OWNER

CITY OF COLUMBUS  
123 WASHINGTON ST.  
COLUMBUS, IN 47201  
FACILITY  
FAIR OAKS MALL  
2880 25TH ST.  
COLUMBUS, IN 47201  
CONTRACTOR  
TAYLOR BROS. CONSTRUCTION CO., INC.  
4858 MIDDLE RD.  
COLUMBUS, IN 47203

PROJECT

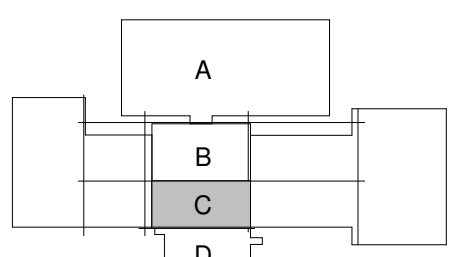
NEXUSPARK



City of Columbus

123 WASHINGTON ST.  
COLUMBUS, IN 47201

KEY PLAN



ISSUE CHART

ISSUED FOR PROPOSAL - ENABLING & PHASE 1A 03/18/2022

SHEET KEYED NOTES

- BASE BID WILL HAVE NO WORK IN THIS SPACE. RECEPTACLES SHOWN IN THE SPACE ARE TO BE ALTERNATE 1B-1.
- BASE BID WILL HAVE NO WORK IN THIS SPACE. NO ADDITIONAL POWER DEVICES TO BE ADDED IN ALTERNATE 1B-2.
- BASE BID WILL HAVE NO WORK IN THIS SPACE. UTILIZE EXISTING POWER DEVICES IN ALTERNATE 1B-3.
- PROVIDE ONE RECEPTACLE IN MOTHERS ROOM WITH TWO (2) USB CHARGING OUTLETS. IN COMMON AREAS PROVIDE 50% OF OUTLET WITH TWO (2) USB CHARGING OUTLETS. (TYPICAL)

RENOVATION LEGEND

| SYMBOL | DESCRIPTION                       |
|--------|-----------------------------------|
|        | EXISTING TO REMAIN                |
|        | NEW CONSTRUCTION                  |
|        | CONNECT TO EXISTING AT THIS POINT |

1 ELECTRICAL POWER PLAN - LEVEL 1 - AREA C

1/8" = 1'-0"



CONSULTANTS

STRAND ASSOCIATES  
629 WASHINGTON ST.  
COLUMBUS, IN 47201  
STRUCTURAL  
SSR, INC.  
2995 SIDCO DR.  
NASHVILLE, TN 37204  
MEP  
SSR, INC.  
2995 SIDCO DR.  
NASHVILLE, TN 37204  
LANDSCAPING  
MKSK  
200 S MERIDIAN ST.  
INDIANAPOLIS, IN 46225

OWNER

CITY OF COLUMBUS  
123 WASHINGTON ST.  
COLUMBUS, IN 47201

FACILITY

FAIR OAKS MALL  
2280 25TH ST.  
COLUMBUS, IN 47201

CONTRACTOR

TAYLOR BROS. CONSTRUCTION CO., INC.  
4555 MIDDLE RD.  
COLUMBUS, IN 47203

PROJECT

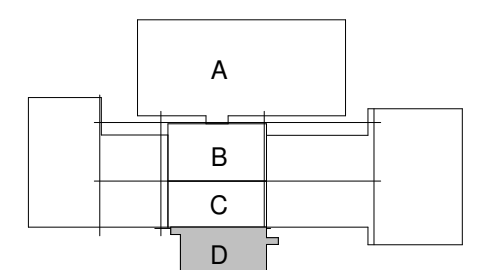
NEXUSPARK



City of Columbus

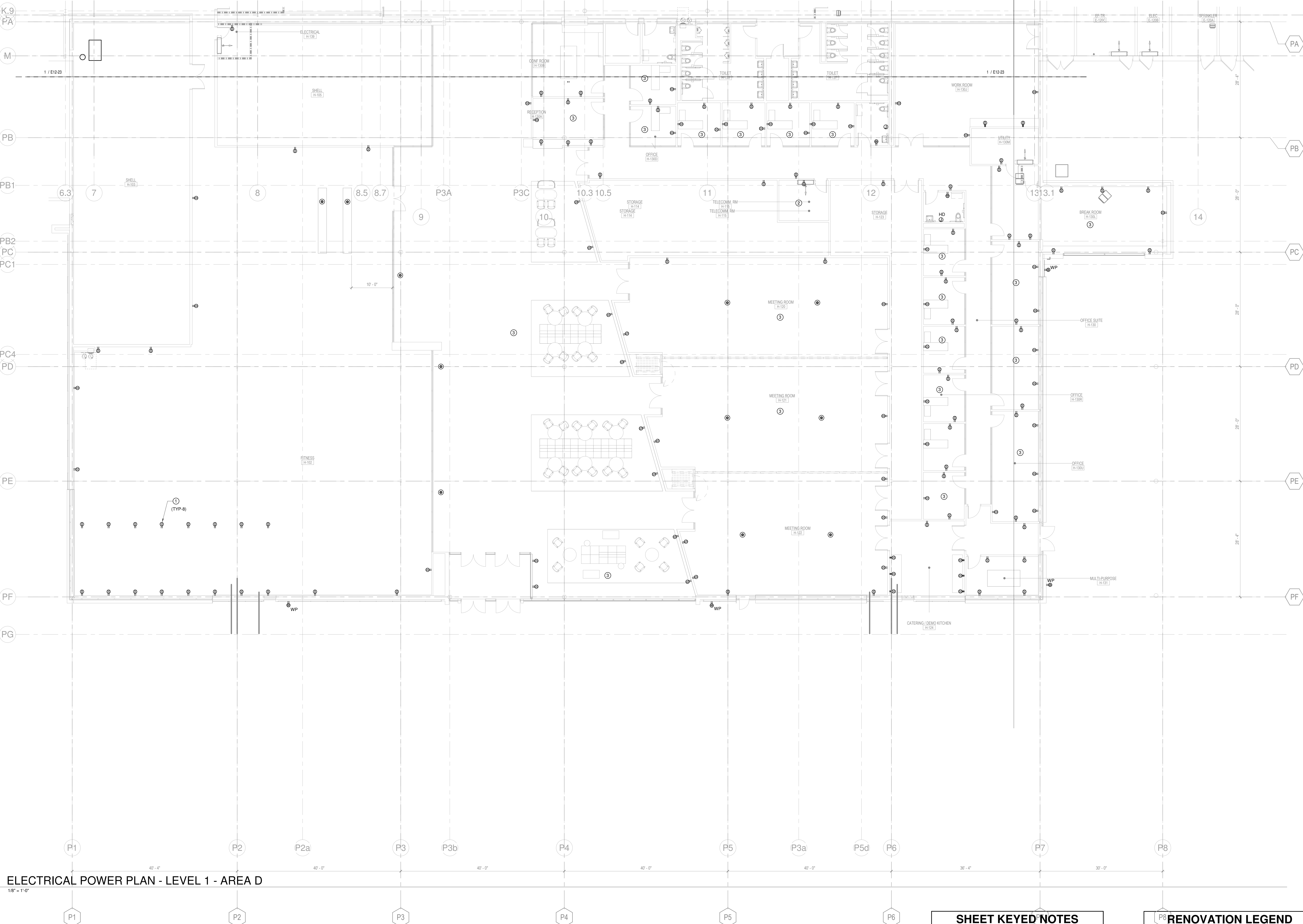
123 WASHINGTON ST.  
COLUMBUS, IN 47201

KEY PLAN



ISSUE CHART

ISSUED FOR PROPOSAL - ENABLING & PHASE 1A 03/18/2022



1 ELECTRICAL POWER PLAN - LEVEL 1 - AREA D  
1/8" = 1'-0"

| SHEET KEYED NOTES |                                                                                                                                                                       |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ①                 | DEVICES TO BE MOUNTED IN RECESSED RACEWAY SIMILAR TO WIREMOLD WALKERDUCT. PROVIDE APPROPRIATE FITTINGS AND COVERPLATES FOR COMPLETE INSTALLATION.                     |
| ②                 | PROVIDE COPPER GROUND BAR, 2"x12" MTG, 18" A.F.F. WITH #3/0 CONDUCTOR ROUTED TO MAIN GROUND CONNECTION IN ELECTRICAL ROOM B-108.                                      |
| ③                 | PROVIDE ONE RECEPTACLE IN EACH OFFICE WITH TWO (2) USB CHARGING OUTLETS (TYPICAL). IN COMMON AREAS PROVIDE 50% OF OUTLET WITH TWO (2) USB CHARGING OUTLETS (TYPICAL). |

| RENOVATION LEGEND |                                   |
|-------------------|-----------------------------------|
| SYMBOL            | DESCRIPTION                       |
|                   | EXISTING TO REMAIN                |
|                   | NEW CONSTRUCTION                  |
|                   | CONNECT TO EXISTING AT THIS POINT |



CONSULTANTS

STRAND ASSOCIATES  
629 WASHINGTON ST.  
COLUMBUS, IN 47201  
STRUCTURAL  
SSR, INC.  
2995 SIDCO DR.  
NASHVILLE, TN 37204  
MEP  
SSR, INC.  
2995 SIDCO DR.  
NASHVILLE, TN 37204  
LANDSCAPING  
MKSK  
200 S MERIDIAN ST.  
INDIANAPOLIS, IN 46225

OWNER

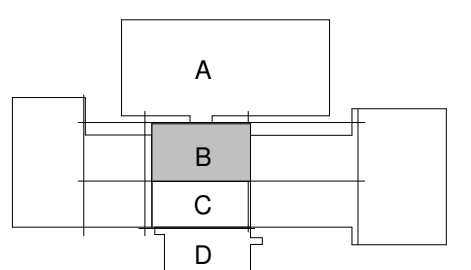
CITY OF COLUMBUS  
123 WASHINGTON ST.  
COLUMBUS, IN 47201  
FACILITY  
FAIR OAKS MALL  
2080 20TH ST.  
COLUMBUS, IN 47201  
CONTRACTOR  
TAYLOR BROS. CONSTRUCTION CO., INC.  
4655 MIDDLE RD.  
COLUMBUS, IN 47203

PROJECT

NEXUSPARK



KEYPLAN



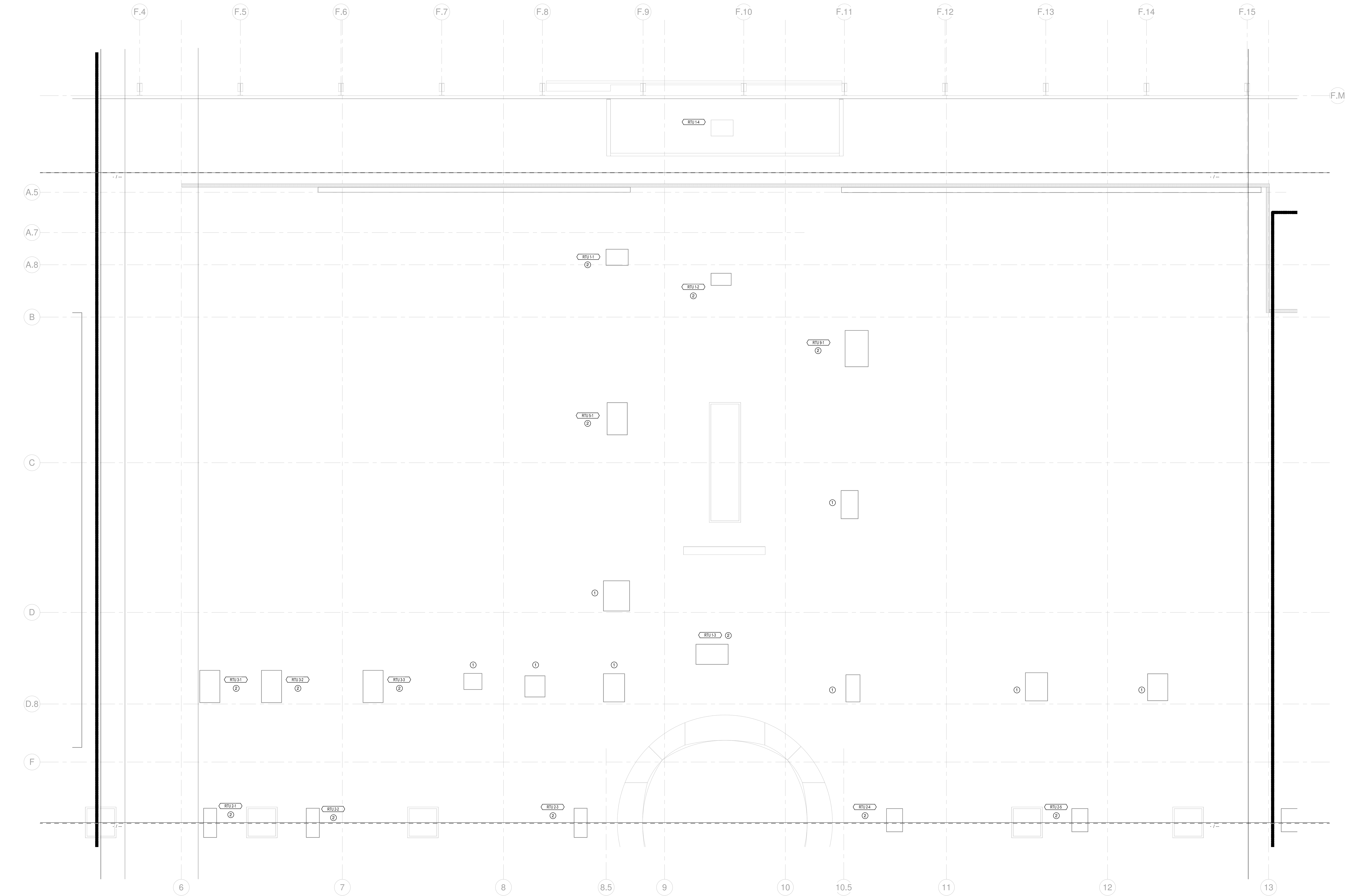
ISSUE CHART

ISSUED FOR PROPOSAL - ENABLING & PHASE 1A 03/18/2022

|       |                                  |           |
|-------|----------------------------------|-----------|
| 1     | FOR PROPOSAL - ENABLING & PH. 1A | 3/18/2022 |
| SHEET | ISSUE                            | DATE      |

Job Number  
TITLE  
ELECTRICAL POWER  
PLAN - ROOF -  
SECTOR B - PHASE 1B  
SHEET NUMBER

E13-22



1 ELECTRICAL POWER PLAN - ROOF - AREA B  
1/8" = 1'-0"

| SHEET KEYED NOTES |                                                                                          |
|-------------------|------------------------------------------------------------------------------------------|
| ①                 | EXISTING UNIT TO REMAIN.                                                                 |
| ②                 | EXISTING UNIT TO BE REPLACED WITH SAME SIZE UNIT. RE-CONNECT TO EXISTING BRANCH CIRCUIT. |

| RENOVATION LEGEND |                                   |
|-------------------|-----------------------------------|
| SYMBOL            | DESCRIPTION                       |
|                   | EXISTING TO REMAIN                |
|                   | NEW CONSTRUCTION                  |
|                   | CONNECT TO EXISTING AT THIS POINT |



CONSULTANTS

OWNER  
CITY OF COLUMBUS  
123 WASHINGTON ST.  
COLUMBUS, IN 47201  
PROJECT  
FAIR OAKS MALL  
200 S. MERIDIAN ST.  
COLUMBUS, IN 47201  
CONTRACTOR  
TAYLOR BROS. CONSTRUCTION CO., INC.  
4655 MIDDLE RD.  
COLUMBUS, IN 47203

OWNER  
CITY OF COLUMBUS  
123 WASHINGTON ST.  
COLUMBUS, IN 47201  
PROJECT  
FAIR OAKS MALL  
200 S. MERIDIAN ST.  
COLUMBUS, IN 47201  
CONTRACTOR  
TAYLOR BROS. CONSTRUCTION CO., INC.  
4655 MIDDLE RD.  
COLUMBUS, IN 47203

PROJECT

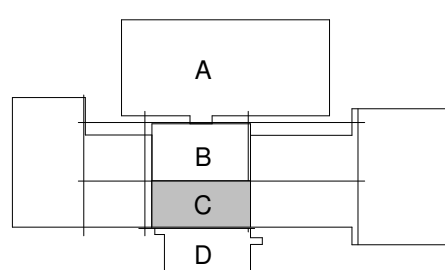
NEXUSPARK



City of Columbus

123 WASHINGTON ST.  
COLUMBUS, IN 47201

KEY PLAN



ISSUE CHART

ISSUED FOR PROPOSAL - ENABLING & PHASE 1A 03/18/2022

| NO. | DATE       | DESCRIPTION                        |
|-----|------------|------------------------------------|
| 1   | 03/18/2022 | FOR PROPOSAL - ENABLING & PHASE 1A |

Job Number

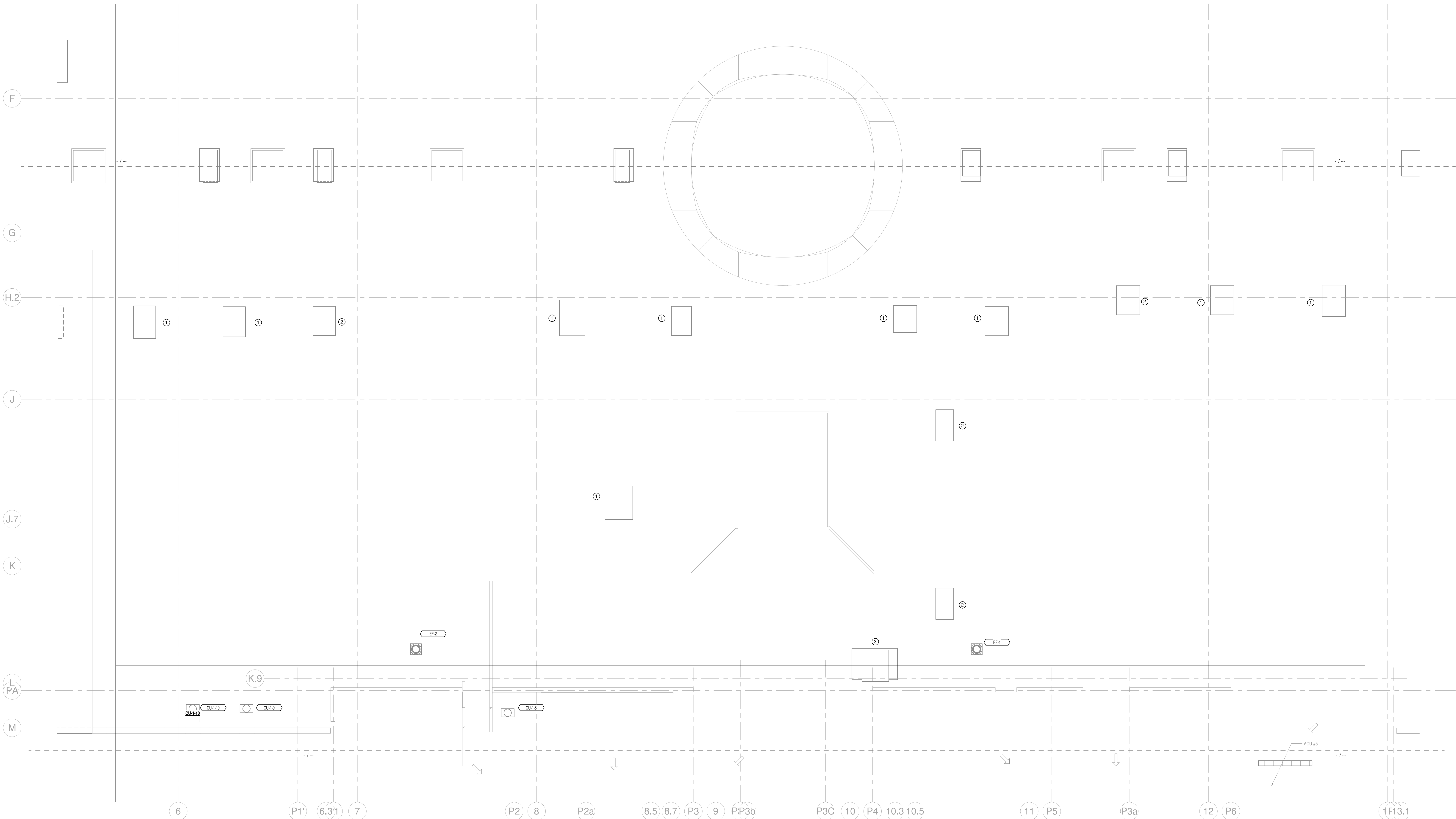
TITLE

ELECTRICAL POWER  
PLAN - ROOF -  
SECTOR C - PHASE 1B

SHEET NUMBER

E13-23

© 2022 Perkins and Will



1 ELECTRICAL POWER PLAN - ROOF - AREA C

1/8" = 1'-0"

| SHEET KEYED NOTES |                                                                                          |
|-------------------|------------------------------------------------------------------------------------------|
| ①                 | EXISTING UNIT TO REMAIN.                                                                 |
| ②                 | BASE BID - EXISTING UNIT TO REMAIN.<br>ALTERNATE - UNIT TO BE REPLACED WITH NEW.         |
| ③                 | EXISTING UNIT TO BE REPLACED WITH SAME SIZE UNIT. RE-CONNECT TO EXISTING BRANCH CIRCUIT. |

| RENOVATION LEGEND |                                   |
|-------------------|-----------------------------------|
| SYMBOL            | DESCRIPTION                       |
| —                 | EXISTING TO REMAIN                |
| —                 | NEW CONSTRUCTION                  |
| ⚡                 | CONNECT TO EXISTING AT THIS POINT |



CONSULTANTS

STRAND ASSOCIATES  
629 WASHINGTON ST.  
COLUMBUS, IN 47201  
STRUCTURAL  
SSR, INC.  
2995 SIDCO DR.  
NASHVILLE, TN 37204  
MEP  
SSR, INC.  
2995 SIDCO DR.  
NASHVILLE, TN 37204  
LANDSCAPING  
MCK  
200 S MERIDIAN ST.  
INDIANAPOLIS, IN 46225

OWNER

CITY OF COLUMBUS  
123 WASHINGTON ST.  
COLUMBUS, IN 47201

FACILITY

FAIR OAKS MALL  
2880 20TH ST.  
COLUMBUS, IN 47201

CONTRACTOR

TAYLOR BROS. CONSTRUCTION CO., INC.  
4655 MIDDLE RD.  
COLUMBUS, IN 47203

PROJECT

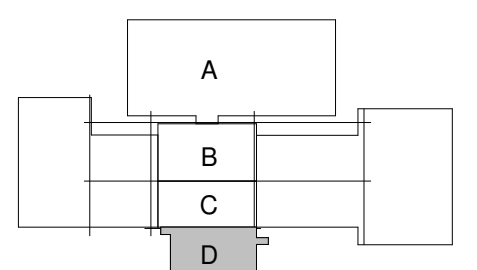
NEXUSPARK



City of Columbus

123 WASHINGTON ST.  
COLUMBUS, IN 47201

KEYPLAN



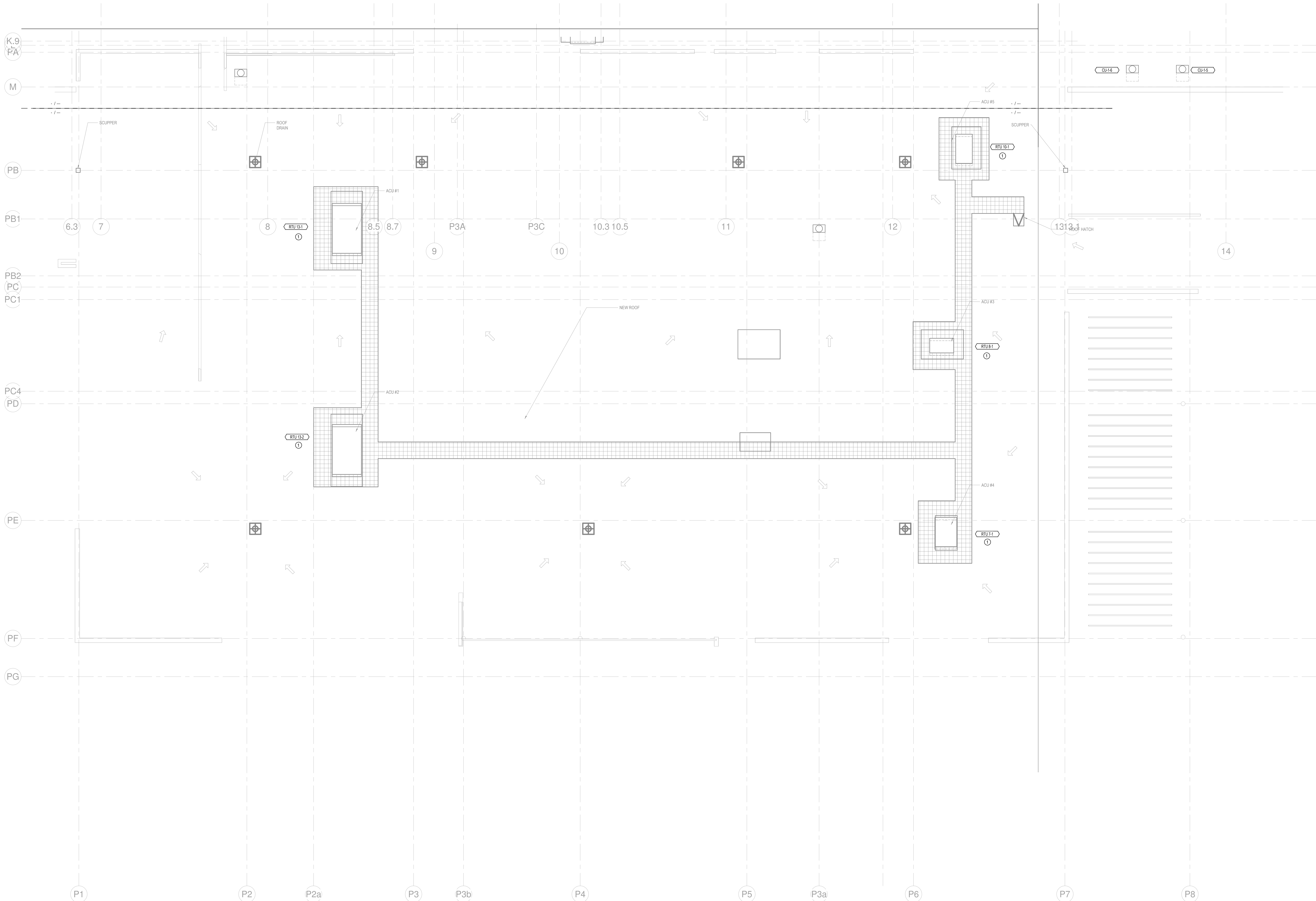
ISSUE CHART

ISSUED FOR PROPOSAL - ENABLING & PHASE 1A 03/18/2022

|       |                                    |           |
|-------|------------------------------------|-----------|
| 1     | FOR PROPOSAL - ENABLING & PHASE 1A | 3/18/2022 |
| ISSUE | DATE                               | DATE      |

Job Number  
TITLE  
ELECTRICAL POWER  
PLAN - ROOF -  
SECTOR D - PHASE 1B  
SHEET NUMBER

E13-24



1 ELECTRICAL POWER PLAN - ROOF - AREA D  
1/8" = 1'-0"

| SHEET KEYED NOTES |                                                                                          |
|-------------------|------------------------------------------------------------------------------------------|
| ①                 | EXISTING UNIT TO BE REPLACED WITH SAME SIZE UNIT. RE-CONNECT TO EXISTING BRANCH CIRCUIT. |

| RENOVATION LEGEND |                                   |
|-------------------|-----------------------------------|
| SYMBOL            | DESCRIPTION                       |
| —                 | EXISTING TO REMAIN                |
| —                 | NEW CONSTRUCTION                  |
| ⚡                 | CONNECT TO EXISTING AT THIS POINT |



CONSULTANTS

STRAND ASSOCIATES

629 WASHINGTON ST.

COLUMBUS, IN 47201

STRUCTURAL

SSR, INC.

2995 SIDCO DR.

NASHVILLE, TN 37204

MEP

SSR, INC.

2995 SIDCO DR.

NASHVILLE, TN 37204

LANDSCAPING

MKSX

200 S MERIDIAN ST.

INDIANAPOLIS, IN 46225

OWNER

CITY OF COLUMBUS

123 WASHINGTON ST.

COLUMBUS, IN 47201

FACILITY

FAIR OAKS MALL

2880 20TH ST.

COLUMBUS, IN 47201

CONTRACTOR

TAYLOR BROS. CONSTRUCTION CO., INC.

4655 MIDDLE RD.

COLUMBUS, IN 47203

PROJECT

NEXUSPARK

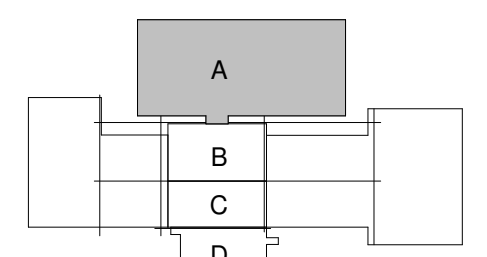


unexpected unforgettable.

City of Columbus

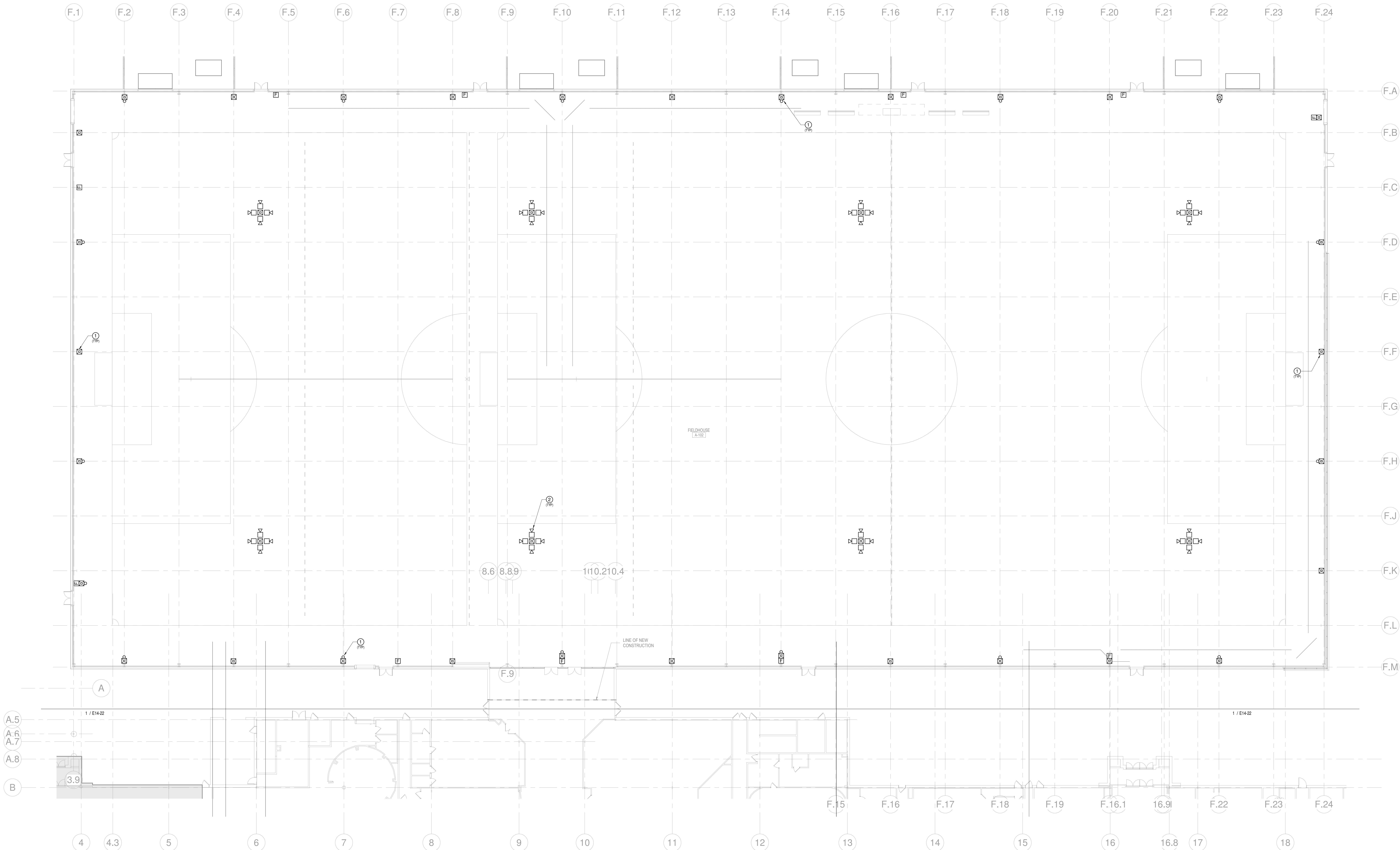
123 WASHINGTON ST.  
COLUMBUS, IN 47201

KEYPLAN



ISSUE CHART

ISSUED FOR PROPOSAL - ENABLING & PHASE 1A 03/18/2022



1 AUXILIARY SYSTEMS PLAN - LEVEL 1 - AREA A

1/16" = 1'-0"

SHEET KEYED NOTES

- 1 PROVIDE WIRE GUARDS FOR NOTIFICATION WALL MOUNTED NOTIFICATION DEVICES.
- 2 FIRE ALARM SPEAKER CLUSTER AND MULTI-CANDELA SYNCHRONIZABLE STROBE ASSEMBLY MOUNTED AT 50'-0" A.F.F. PROVIDE WHITE DEVICES WITH RED LETTERING. ASSEMBLY TO BE EQUIVALENT TO WHEELLOCK 5TH SPEAKER CLUSTER. PROVIDE AS FULLY ASSEMBLED UL LISTED DEVICE.

SHEET GENERAL NOTES

- A. FIRE ALARM DEVICES SHOWN ON THIS PLAN ARE TO TIE INTO NEW FIRE ALARM SYSTEM TO BE INSTALLED IN PHASE 1B OF EXISTING BUILDING. FIELDHOUSE INITIATION AND NOTIFICATION DEVICES ARE TO BE PROVIDED WITH SEPARATE CIRCUITS FROM DEVICES INSTALLED IN THE EXISTING BUILDING.
- B. PROVIDE FIRE ALARM RELAY AT SOUND SYSTEM AMPLIFIER LOCATION TO PROVIDE SHUNT TRIP OF AMPLIFIER POWER CIRCUIT IF FIRE ALARM GOES INTO ALARM.

RENOVATION LEGEND

| SYMBOL | DESCRIPTION                       |
|--------|-----------------------------------|
|        | EXISTING TO REMAIN                |
|        | NEW CONSTRUCTION                  |
|        | CONNECT TO EXISTING AT THIS POINT |

1 FOR PROPOSAL - ENABLING & PHASE 1A 03/18/2022  
SHEET 11 OF 11

Job Number

TITLE

AUXILIARY SYSTEMS  
PLAN - SECTOR A -  
PHASE 1A

SHEET NUMBER

E14-11

© 2022 Perkins and Will



ND ASSOCIATES  
WASHINGTON ST.  
COLUMBUS, IN 47201  
STRUCTURAL  
SSR, INC.  
2995 SIDCO DR.  
HIVILLE, TN 37204  
MEP  
SSR, INC.  
2995 SIDCO DR.  
HIVILLE, TN 37204  
LANDSCAPING  
MKSK  
0 S MERIDIAN ST.  
IAPOLIS, IN 46225

**OWNER**  
CITY OF COLUMBUS  
123 WASHINGTON ST.  
COLUMBUS, IN 47201

**FACILITY**  
FAIR OAKS MALL  
2380 25TH ST.  
COLUMBUS, IN 47201

**CONTRACTOR**  
TAYLOR BROS. CONSTRUCTION CO., INC.  
4555 MIDDLE RD.  
COLUMBUS, IN 47203

**NEXUSPARK**

Indiana  
forgettable.  
of Columbus

3 WASHINGTON ST.  
COLUMBUS, IN 47201

## ISSUE CHART

$$1/8'' = 1'-0''$$

1. FIRE ALARM SYSTEM IS AN EXPANSION OF THE BASE SYSTEM TO BE INSTALLED UNDER SEPARATE PROJECT. REFER TO SPECIFICATIONS FOR MORE INFORMATION.
2. SYSTEM TO MEET 2012 IBC 402.7.4 EMERGENCY VOICE/ALARM COMMUNICATION SYSTEM
3. SYSTEM TO MEET NFPA 72 2016 CHAPTER 24. AUDIBILITY REQUIREMENTS WILL BE MET THROUGHOUT THE PROJECT AREA. RELOCATE EXISTING ALARMS TO THE NEW LOCATION OF THE EXISTING AHU'S. UNITS 200 CFM AND LARGER TO WITHIN THE PROJECT AREA TO RECEIVE NEW SUPPLY SIDE SUCT DETECTORS. REMOVE EXISTING DETECTORS AND RELOCATE TO THE NEW LOCATION. DETECTORS TO BE SUPPLIED ON UNITS WITH RETURN DUCTWORK THAT EXTENDS BEYOND THE ROOF LINE.
4. REFER TO PLUMBING AND FIRE PROTECTION PLANS FOR FLOW AND TEST/RESET SWITCH ADDITIONS OR REVISIONS RELATED TO THE PROJECT OVERALL.

| RENOVATION LEGEND                                                                     |                                   |
|---------------------------------------------------------------------------------------|-----------------------------------|
| SYMBOL                                                                                | DESCRIPTION                       |
|  | EXISTING TO REMAIN                |
|  | NEW CONSTRUCTION                  |
|  | CONNECT TO EXISTING AT THIS POINT |

|      |                                  |           |
|------|----------------------------------|-----------|
| 1    | FOR PROPOSAL - ENABLING & PH. 1A | 3/18/2022 |
| MARK | ISSUE                            | DATE      |

Job Number

**AUXILIARY SYSTEMS  
PLAN - SECTOR B -  
PHASE 1B**

**SHEET NUMBER**

**14-22**



CONSULTANTS

STRAND ASSOCIATES  
629 WASHINGTON ST.  
COLUMBUS, IN 47201  
STRUCTURAL  
SSR, INC.  
2995 SIDCO DR.  
NASHVILLE, TN 37204  
MEP  
SSR, INC.  
2995 SIDCO DR.  
NASHVILLE, TN 37204  
LANDSCAPING  
MKSK  
200 S MERIDIAN ST.  
INDIANAPOLIS, IN 46225

OWNER

CITY OF COLUMBUS  
123 WASHINGTON ST.  
COLUMBUS, IN 47201

FACILITY

FAIR OAKS MALL  
2880 25TH ST.  
COLUMBUS, IN 47201

CONTRACTOR

TAYLOR BROS. CONSTRUCTION CO., INC.  
4855 MIDDLE RD.  
COLUMBUS, IN 47203

PROJECT

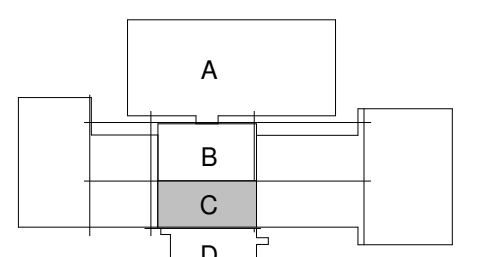
NEXUSPARK



City of Columbus

123 WASHINGTON ST.  
COLUMBUS, IN 47201

KEY PLAN



ISSUE CHART

ISSUED FOR PROPOSAL - ENABLING & PHASE 1A 03/18/2022

FIRE ALARM SYSTEM NOTES

1. FIRE ALARM SYSTEM IS AN EXPANSION OF THE BASE SYSTEM TO BE INSTALLED UNDER SEPARATE PROJECT. REFER TO SPECIFICATIONS FOR MORE INFORMATION.
2. SYSTEM TO MEET 2012 IBC 402.7.4 EMERGENCY VOICE/ALARM COMMUNICATION SYSTEM.
3. SYSTEM TO MEET NFPA 72 2016 CHAPTER 24 AUDIBILITY REQUIREMENTS WILL BE MET THROUGHOUT THE PROJECT AREA.
4. REFER TO MECHANICAL DOCUMENTS FOR NEW AND EXISTING AHU'S. UNITS 2000 CFM AND LARGER TO WITHIN THE PROJECT AREA TO RECEIVE NEW SUPPLY SIDE DUCT DETECTORS, REMOTE INDICATORS AND TEST SWITCHES. RETURN DETECTORS TO BE SUPPLIED ON UNITS WITH RETURN DUCTWORK THAT EXTENDS BELOW THE ROOF LINE.
5. REFER TO PLUMBING AND FIRE PROTECTION PLANS FOR FLOW AND TAMPER SWITCH ADDITIONS OR REVISIONS RELATED TO THE PROJECT OVERALL.

RENOVATION LEGEND

| SYMBOL | DESCRIPTION                       |
|--------|-----------------------------------|
|        | EXISTING TO REMAIN                |
|        | NEW CONSTRUCTION                  |
|        | CONNECT TO EXISTING AT THIS POINT |

1 AUXILIARY SYSTEMS PLAN - LEVEL 1 - AREA C

1/8" = 1'-0"



CONSULTANTS

STRAND ASSOCIATES  
629 WASHINGTON ST.  
COLUMBUS, IN 47201  
STRUCTURAL  
SSR, INC.  
2995 SIDCO DR.  
NASHVILLE, TN 37204  
MEP  
SSR, INC.  
2995 SIDCO DR.  
NASHVILLE, TN 37204  
LANDSCAPING  
MKSK  
200 S MERIDIAN ST.  
INDIANAPOLIS, IN 46225

OWNER

CITY OF COLUMBUS  
123 WASHINGTON ST.  
COLUMBUS, IN 47201

FACILITY

FAIR OAKS MALL  
2280 25TH ST.  
COLUMBUS, IN 47201

CONTRACTOR

TAYLOR BROS. CONSTRUCTION CO., INC.  
4655 MIDDLE RD.  
COLUMBUS, IN 47203

PROJECT

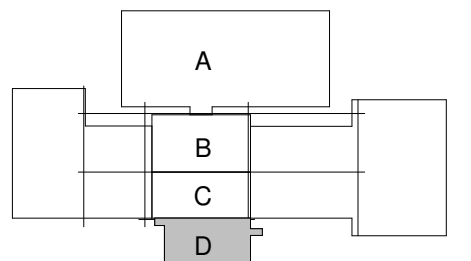
NEXUSPARK



City of Columbus

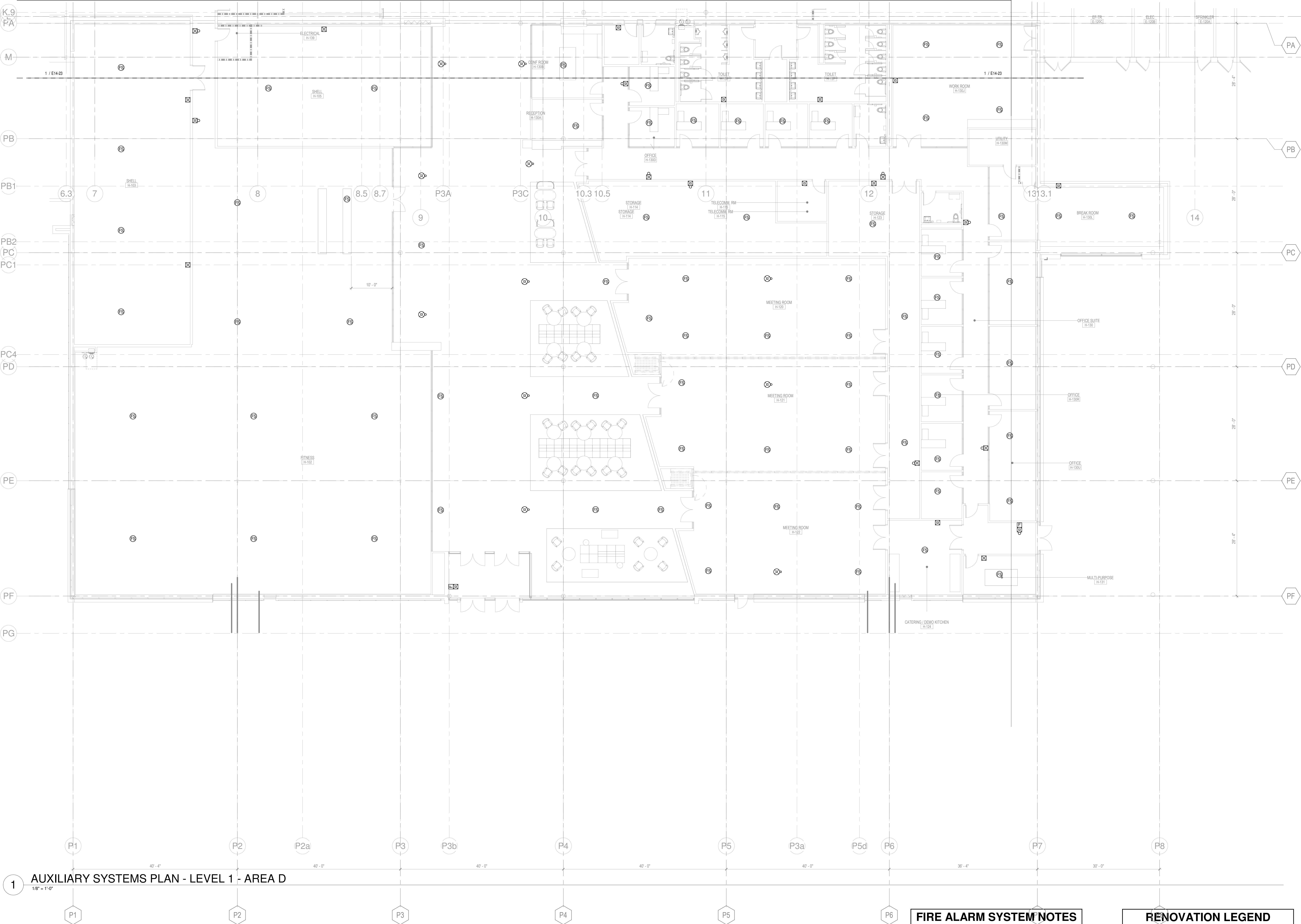
123 WASHINGTON ST.  
COLUMBUS, IN 47201

KEYPLAN



ISSUE CHART

ISSUED FOR PROPOSAL - ENABLING & PHASE 1A 03/18/2022



1 AUXILIARY SYSTEMS PLAN - LEVEL 1 - AREA D  
1/8" = 1'-0"

**FIRE ALARM SYSTEM NOTES**

1. FIRE ALARM SYSTEM IS AN EXPANSION OF THE BASE SYSTEM TO BE INSTALLED UNDER SEPARATE PROJECT. REFER TO SPECIFICATIONS FOR MORE INFORMATION.
2. SYSTEM TO MEET 2012 IBC 402.7.4 EMERGENCY VOICE/ALARM COMMUNICATION SYSTEM
3. SYSTEM TO MEET NFPA 72 2016 CHAPTER 24 AUDIBILITY REQUIREMENTS WILL BE MET THROUGHOUT THE PROJECT AREA.
4. REFER TO MECHANICAL DOCUMENTS FOR NEW AND EXISTING AHU'S. UNITS 2000 CFM AND LARGER TO WITHIN THE PROJECT AREA TO RECEIVE NEW SUPPLY SIDE DUCT DETECTORS, REMOTE INDICATORS AND TEST SWITCHES. RETURN DETECTORS TO BE SUPPLIED ON UNITS WITH RETURN DUCTWORK THAT EXTENDS BELOW THE ROOF LINE
5. REFER TO PLUMBING AND FIRE PROTECTION PLANS FOR FLOW AND TAMPER SWITCH ADDITIONS OR REVISIONS RELATED TO THE PROJECT OVERALL.

| RENOVATION LEGEND |                                   |
|-------------------|-----------------------------------|
| SYMBOL            | DESCRIPTION                       |
|                   | EXISTING TO REMAIN                |
|                   | NEW CONSTRUCTION                  |
|                   | CONNECT TO EXISTING AT THIS POINT |



CONSULTANTS

STRAND ASSOCIATES

620 WASHINGTON ST.  
COLUMBUS, IN 47201

SSR, INC.

2995 SIDCO DR.  
NASHVILLE, TN 37204

SSR, INC.

2995 SIDCO DR.  
NASHVILLE, TN 37204

LANDSCAPING

MKSX

200 S MERIDIAN ST.  
INDIANAPOLIS, IN 46225

OWNER

CITY OF COLUMBUS

123 WASHINGTON ST.  
COLUMBUS, IN 47201

FACILITY

FAIR OAKS MALL

2880 20TH ST.  
COLUMBUS, IN 47201

CONTRACTOR

TAYLOR BROS. CONSTRUCTION CO., INC.

4655 MIDDLE RD.  
COLUMBUS, IN 47203

PROJECT

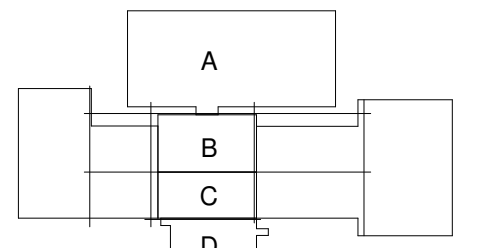
NEXUSPARK



City of Columbus

123 WASHINGTON ST.  
COLUMBUS, IN 47201

KEYPLAN



ISSUE CHART

ISSUED FOR PROPOSAL - ENABLING & PHASE 1A 03/18/2022

1 FOR PROPOSAL - ENABLING & PHASE 1A 03/18/2022

Job Number

TITLE

ELECTRICAL  
ENLARGED PLANS -  
ENABLING PHASE

SHEET NUMBER

E30-00

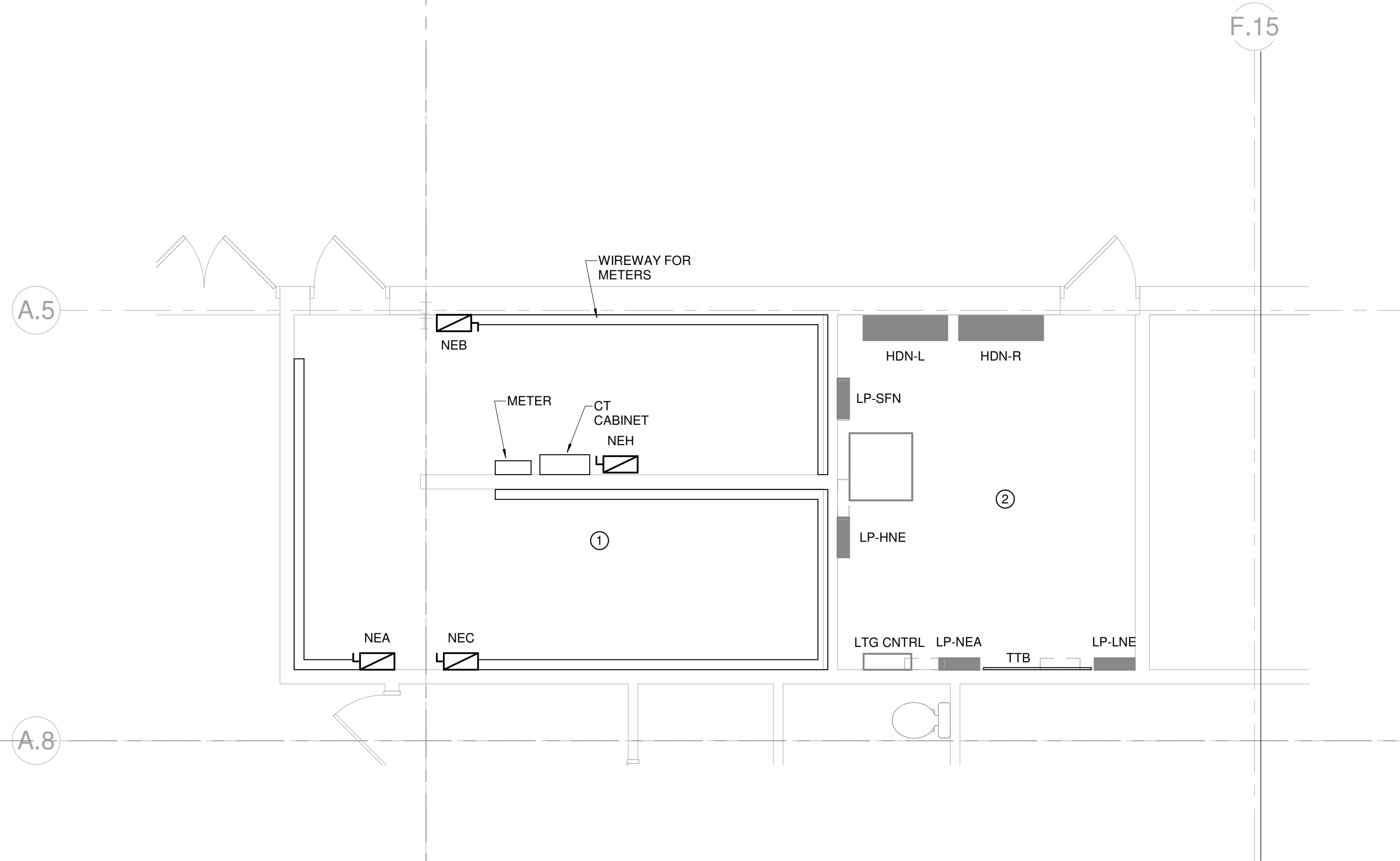
© 2022 Perkins and Will

**SHEET KEYED NOTES**

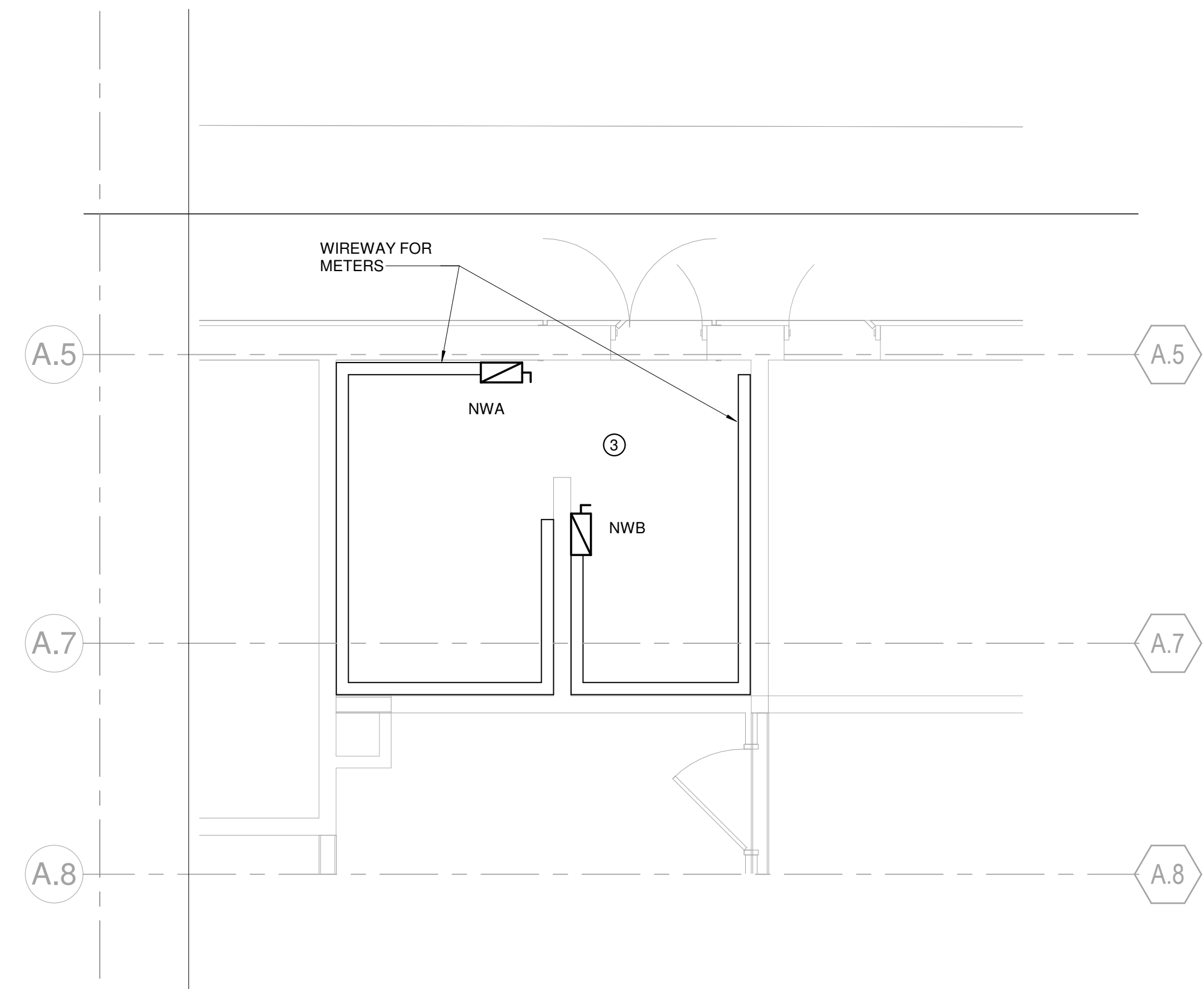
① EXISTING ELECTRICAL SERVICES, DISCONNECTS, WIREWAYS, ETC. IN SPACE TO REMAIN. SEE DRAWING E60.01 FOR ADDITIONAL INFORMATION.

② ELECTRICAL EQUIPMENT SHOWN IN THIS SPACE IS EXISTING TO REMAIN. CONTRACTOR TO ENSURE ALL EQUIPMENT STAYS INTACT AND OPERATIONAL.

③ REMOVE EXISTING ELECTRICAL SERVICES, DISCONNECTS, WIREWAYS, METERS, METER BASES, CT CABINETS ETC. FROM ROOM. REMOVE TENANT FEEDERS TO A POINT AT OR ABOVE 10'-0" A.F.F. SEE DRAWING E60.01 FOR ADDITIONAL INFORMATION.



1 ELECTRICAL DEMOLITION/ETR PLAN - LEVEL 1 - ENABLING PHASE  
1/4" = 1'-0"



2 ELECTRICAL DEMOLITION - LEVEL 1 - ENABLING PHASE  
1/4" = 1'-0"



CONSULTANTS

STRAND ASSOCIATES  
629 WASHINGTON ST.  
COLUMBUS, IN 47201  
STRUCTURAL  
SSR, INC.  
2995 SIDCO DR.  
NASHVILLE, TN 37204  
MEP  
SSR, INC.  
2995 SIDCO DR.  
NASHVILLE, TN 37204  
LANDSCAPING  
MKSK  
200 S MERIDIAN ST.  
INDIANAPOLIS, IN 46225

OWNER

CITY OF COLUMBUS  
123 WASHINGTON ST.  
COLUMBUS, IN 47201  
FACILITY  
FAIR OAKS MALL  
2880 25TH ST.  
COLUMBUS, IN 47201  
CONTRACTOR  
TAYLOR BROS. CONSTRUCTION CO., INC.  
4655 MIDDLE RD.  
COLUMBUS, IN 47203

PROJECT

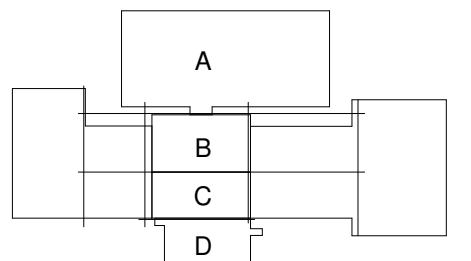
NEXUSPARK



City of Columbus

123 WASHINGTON ST.  
COLUMBUS, IN 47201

KEYPLAN



ISSUE CHART

ISSUED FOR PROPOSAL - ENABLING & PHASE 1A 03/18/2022

|       |                                    |           |
|-------|------------------------------------|-----------|
| 1     | FOR PROPOSAL - ENABLING & PHASE 1A | 3/18/2022 |
| ISSUE | DATE                               | DATE      |

Job Number

TITLE

ELECTRICAL  
ENLARGED PLANS -  
PHASE 1B

SHEET NUMBER

E30-20

© 2022 Perkins and Will

**SHEET KEYED NOTES**

① REMOVE EXISTING ELECTRICAL SERVICES, DISCONNECTS, WIREWAYS, METERS, METER BASES, CT CABINETS, ETC. FROM ROOM.

② ELECTRICAL EQUIPMENT SHOWN IS EXISTING TO REMAIN. CONTRACTOR TO ENSURE ALL EQUIPMENT STAYS INTACT AND OPERATIONAL.

3 ELECTRICAL DEMOLITION PLAN - ELECTRICAL ROOM - LEVEL 1 - AREA D - PHASE 1.B  
1/4" = 1'-0"

1 ELECTRICAL DEMOLITION/ETR PLAN - LEVEL 1 - AREA D - PHASE 1.B  
1/4" = 1'-0"

2 ELECTRICAL DEMOLITION/ETR PLAN - LEVEL 1 - AREA D - PHASE 1.B  
1/4" = 1'-0"







CONSULTANTS

STRAND ASSOCIATES  
629 WASHINGTON ST.  
COLUMBUS, IN 47201  
STRUCTURAL  
SSR, INC.  
2995 SIDCO DR.  
NASHVILLE, TN 37204  
MEP  
SSR, INC.  
2995 SIDCO DR.  
NASHVILLE, TN 37204  
LANDSCAPING  
MKSK  
200 S MERIDIAN ST.  
INDIANAPOLIS, IN 46225

OWNER

CITY OF COLUMBUS  
123 WASHINGTON ST.  
COLUMBUS, IN 47201  
FACILITY  
FAIR OAKS MALL  
2880 20TH ST.  
COLUMBUS, IN 47201  
CONTRACTOR  
TAYLOR BROS. CONSTRUCTION CO., INC.  
4555 MIDDLE RD.  
COLUMBUS, IN 47203

PROJECT

NEXUSPARK



City of Columbus

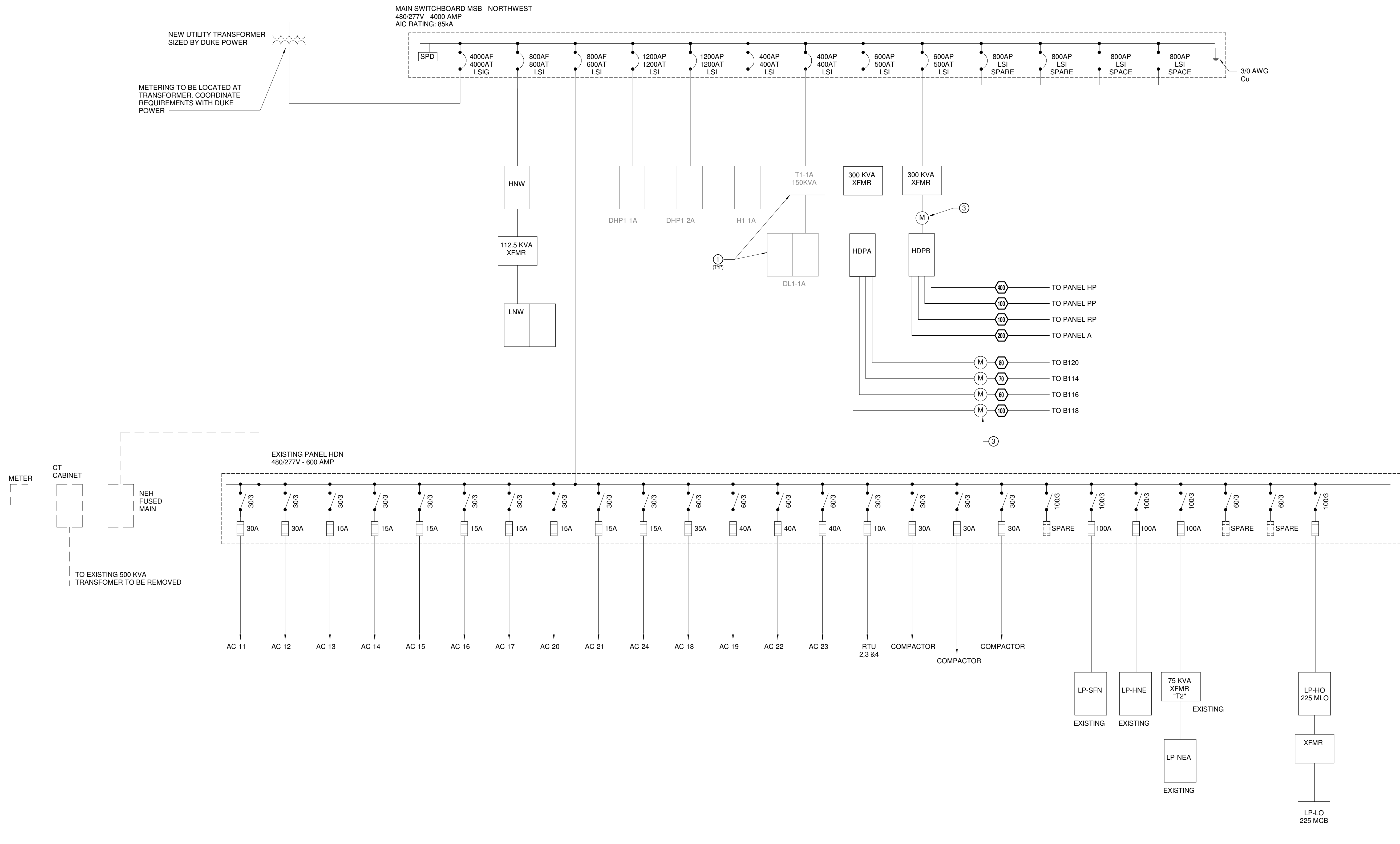
123 WASHINGTON ST.  
COLUMBUS, IN 47201

ISSUE CHART

|       |                                    |           |
|-------|------------------------------------|-----------|
| 1     | FOR PROPOSAL - ENABLING & PHASE 1A | 3/16/2022 |
| ISSUE | DATE                               | DATE      |

Job Number  
TITLE  
ELECTRICAL POWER  
DISTRIBUTION  
DIAGRAM - ENABLING  
PHASE  
SHEET NUMBER

E60-01



1 HOUSE POWER DISTRIBUTION DIAGRAM - NORTHWEST/NORTHEAST - ENABLING PHASE  
1/8" = 1'-0"

SHEET KEYED NOTES

- EQUIPMENT AND CONDUITS INDICATED AS SHADED (HALFTONE) ARE TO BE PROVIDED IN A DIFFERENT PHASE OF THE PROJECT. REFER TO FIELD HOUSE PHASE 1A PROJECT FOR ADDITIONAL INFORMATION.
- EQUIPMENT AND CONDUITS INDICATED AS DASHED LINE ARE EXISTING TO BE REMOVED.
- REFER TO METERING DETAILS ON SHEET E60-01. PROVIDE ONE MP200 EIGHT 3-PHASE METERING CABINET FOR LOADS INDICATED THIS SHEET, WITH REMAINING INPUTS AS SPARE



CONSULTANTS

STRAND ASSOCIATES

629 WASHINGTON ST.  
COLUMBUS, IN 47201

STRUCTURAL

SSR, INC.

2995 SIDCO DR.  
NASHVILLE, TN 37204

MEP

SSR, INC.

2995 SIDCO DR.  
NASHVILLE, TN 37204

LANDSCAPING

MKSJ

200 S MERIDIAN ST.  
INDIANAPOLIS, IN 46225

OWNER

CITY OF COLUMBUS

123 WASHINGTON ST.  
COLUMBUS, IN 47201

FACILITY

FAIR OAKS MALL

288 28TH ST.  
COLUMBUS, IN 47201

CONTRACTOR

TAYLOR BROS. CONSTRUCTION CO., INC.

4555 MIDDLE RD.  
COLUMBUS, IN 47203

PROJECT

NEXUSPARK

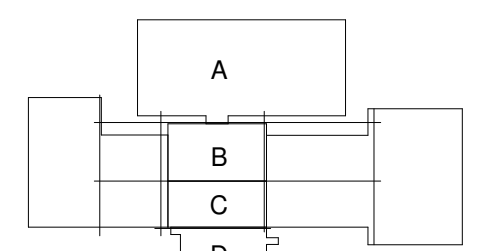


Unexpected. Unforgettable.

City of Columbus

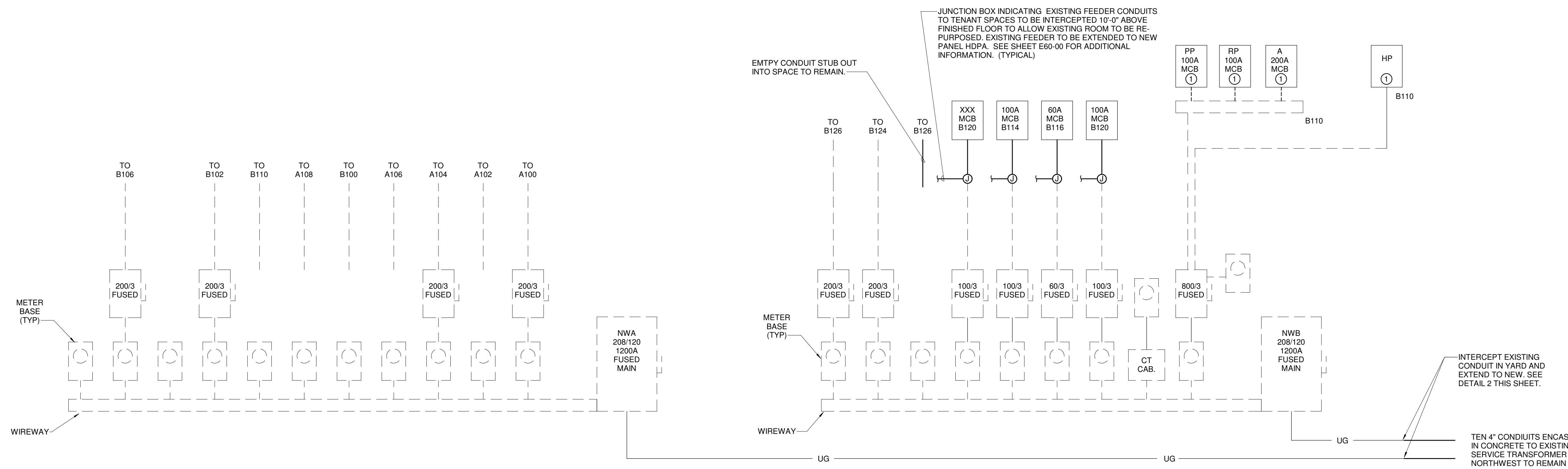
123 WASHINGTON ST.  
COLUMBUS, IN 47201

KEYPLAN

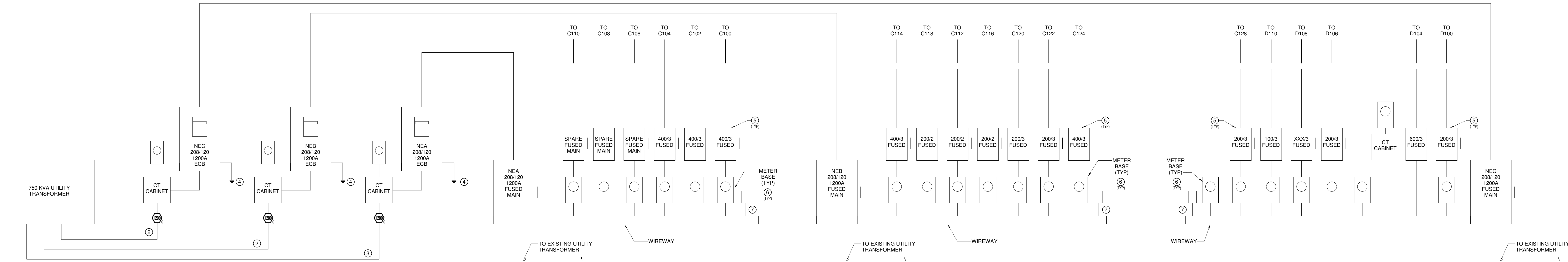


ISSUE CHART

ISSUED FOR PROPOSAL - ENABLING & PHASE 1A 03/18/2022

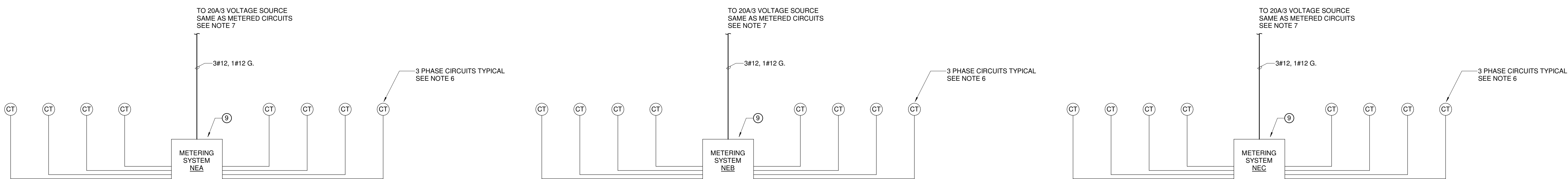


EXISTING METER ROOM 166



EXISTING METER ROOM 209

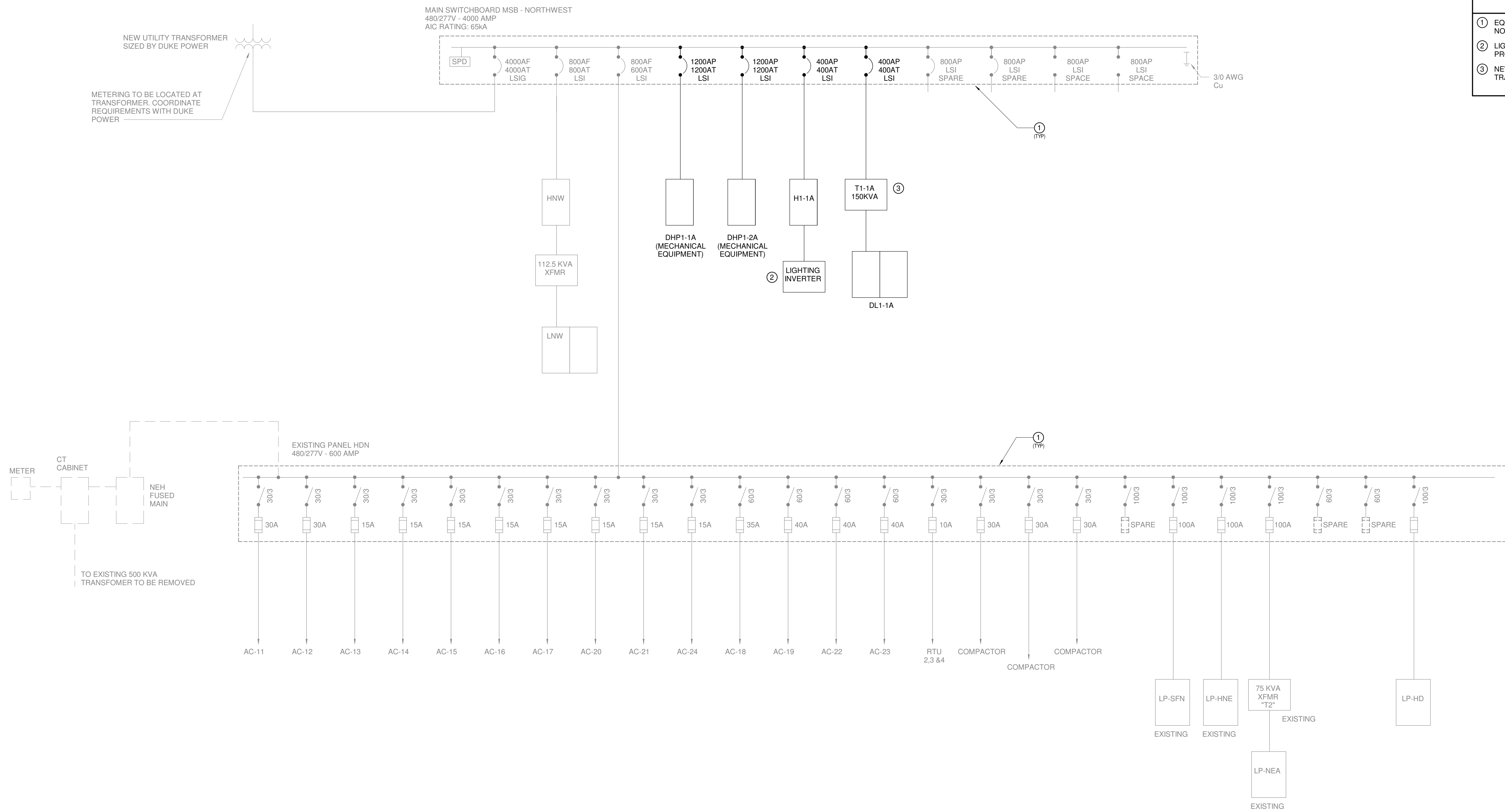
1 EXISTING TENANT METERING - ENABLING PHASE  
1/8" = 1'-0"



2 EXISTING TENANT METERING - ENABLING PHASE  
1/8" = 1'-0"

- SHEET KEYED NOTES**
- REFER TO SHEET E60.00 FOR NEW FEEDS.
  - INTERCEPT FOUR EXISTING 4" CONDUITS UNDERGROUND AND ROUTE TO NEW SERVICE DISCONNECT. PULL NEW CONDUCTORS.
  - INTERCEPT TWO EXISTING 4" CONDUITS UNDERGROUND AND ROUTE TWO NEW 4" CONDUITS TO NEW SERVICE DISCONNECT. PULL NEW CONDUCTORS.
  - PROVIDE SERVICE GROUND PER LOCAL REQUIREMENTS. REFER TO DETAIL ON SHEET E50.00.
  - REMOVE NEUTRAL TO GROUND BOND IN ALL DISCONNECTS.
  - REMOVE EXISTING UTILITY METER BASE. PROVIDE ENCLOSURE FOR TENANT METER CT'S.
  - PROVIDE A 20 AMP ENCLOSED CIRCUIT BREAKER TO PROVIDE POWER FOR TENANT METERING.
  - EQUIPMENT SHOWN WITH DASHED LINES IS EXISTING TO BE REMOVED.
  - EACH SYSTEM CABINET TO BE EQUAL TO ELECTRO INDUSTRIES MP200, CAPABLE OF METERING UP TO 8 SEPARATE 3 PHASE LOADS (16 TOTAL) WITH APPROPRIATELY SIZE CT'S FOR THE LOADABLE. SYSTEM TO INCLUDE GATEWAY FOR REMOTE CONNECTION AND SHALL BE GENERATE AUTOMATIC TENANT ENERGY REPORTS AND SUB BILLING. REFER TO SPECIFICATIONS SECTION 28.27.13





1 POWER DISTRIBUTION DIAGRAM - FIELDHOUSE - PHASE 1A  
1/8" = 1'-0"

SHEET KEYED NOTES

①

EQUIPMENT AND CONDUITS INDICATED AS SHADED (HALFTONE) ARE NOT IN THE SCOPE OF THIS PROJECT.

②

LIGHTING INVERTER, 17.5 KVA, 277 VOLT INPUT, 277 VOLT OUTPUT. PROVIDE A MINIMUM OF 6-20 AMP, SINGLE POLE OUTPUT BREAKERS

③

NEW TRANSFORMER TO BE INSTALLED "STACKED" ABOVE TRANSFORMER INSTALLED IN ENABLING PHASE. SEE DETAIL ON E50.00.

CONSULTANTS

STRAND ASSOCIATES  
629 WASHINGTON ST.  
COLUMBUS, IN 47201  
STRUCTURAL  
SSR, INC.  
2995 SIDCO DR.  
NASHVILLE, TN 37204  
MEP  
SSR, INC.  
2995 SIDCO DR.  
NASHVILLE, TN 37204  
LANDSCAPING  
MKSK  
200 S MERIDIAN ST.  
INDIANAPOLIS, IN 46225

OWNER

CITY OF COLUMBUS  
123 WASHINGTON ST.  
COLUMBUS, IN 47201  
FACILITY  
FAIR OAKS MALL  
2880 20TH ST.  
COLUMBUS, IN 47201  
CONTRACTOR  
TAYLOR BROS. CONSTRUCTION CO., INC.  
4855 MIDDLE RD.  
COLUMBUS, IN 47203

PROJECT

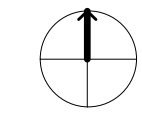
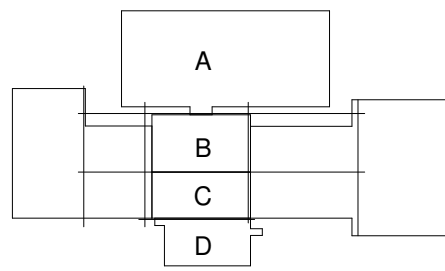
NEXUSPARK



City of Columbus

123 WASHINGTON ST.  
COLUMBUS, IN 47201

KEYPLAN



ISSUE CHART

|            |                                    |           |
|------------|------------------------------------|-----------|
| 1          | FOR PROPOSAL - ENABLING & PHASE 1A | 3/16/2022 |
| ISSUE      | DATE                               |           |
| Job Number | TITLE                              |           |

ELECTRICAL POWER  
DISTRIBUTION  
DIAGRAM - PHASE 1A

SHEET NUMBER

E60-11



CONSULTANTS

STRAND ASSOCIATES

629 WASHINGTON ST.  
COLUMBUS, IN 47201

STRUCTURAL

SSR, INC.

2995 SIDCO DR.

NASHVILLE, TN 37204

MEP

SSR, INC.

2995 SIDCO DR.

NASHVILLE, TN 37204

LANDSCAPING

MKS

200 S MERIDIAN ST.

INDIANAPOLIS, IN 46225

OWNER

CITY OF COLUMBUS

123 WASHINGTON ST.

COLUMBUS, IN 47201

FACILITY

FAIR OAKS MALL

2880 28TH ST.

COLUMBUS, IN 47201

CONTRACTOR

TAYLOR BROS. CONSTRUCTION CO., INC.

4555 MIDDLE RD.

COLUMBUS, IN 47203

PROJECT

NEXUSPARK



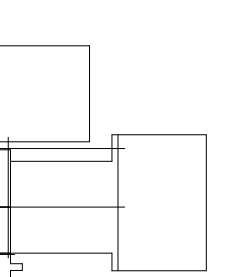
Unexpected. Unforgettable.

City of Columbus

123 WASHINGTON ST.

COLUMBUS, IN 47201

KEYPLAN



ISSUE CHART

1 FOR PROPOSAL - ENABLING & PHASE 1A 3/18/2022

ISSUE

Job Number

TITLE

ELECTRICAL POWER

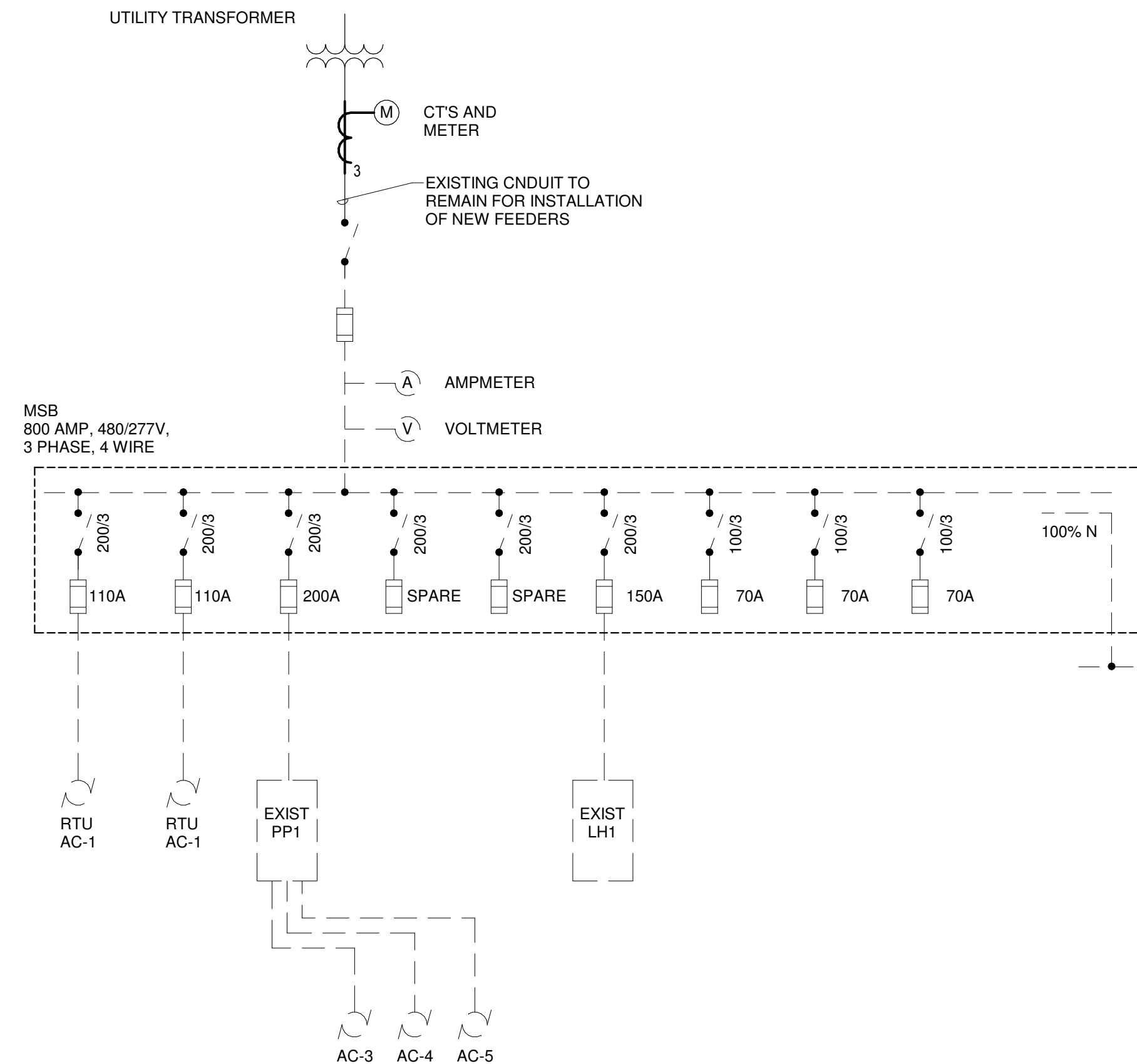
DISTRIBUTION

DIAGRAM - PHASE 1B

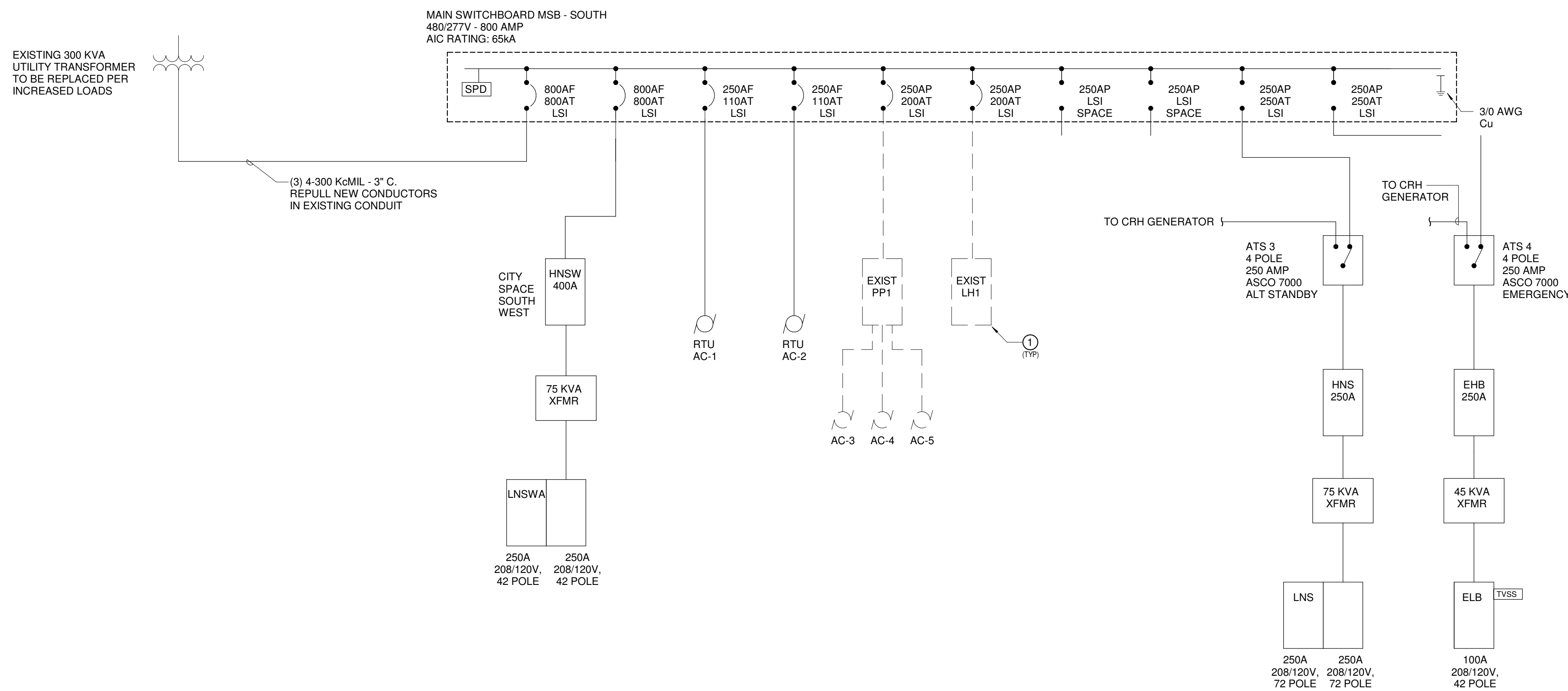
SHEET NUMBER

E60-21

© 2022 Perkins and Will



1 POWER DISTRIBUTION DIAGRAM - AREA D DEMOLITION - PHASE 1B  
1/8" = 1'-0"



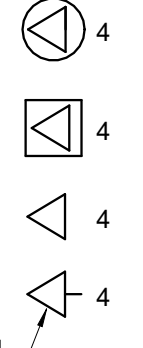
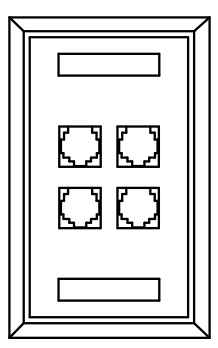
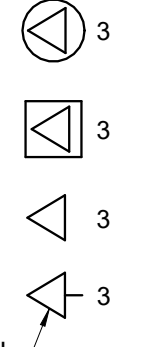
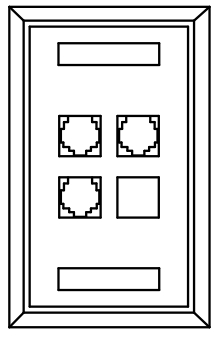
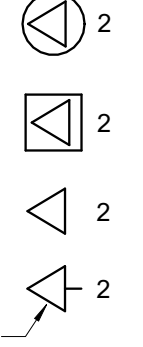
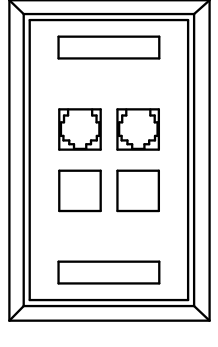
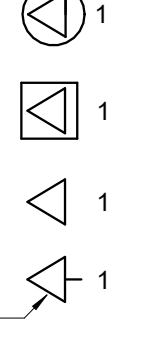
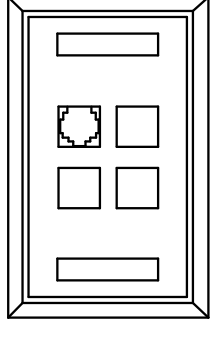
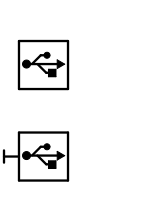
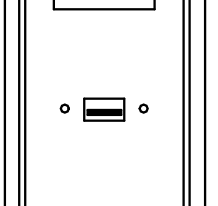
2 POWER DISTRIBUTION DIAGRAM - AREAD D - PHASE 1B  
1/8" = 1'-0"

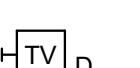
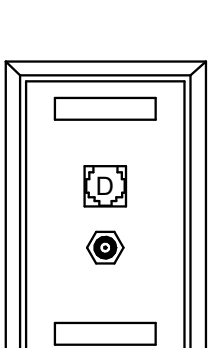
SHEET KEYED NOTES

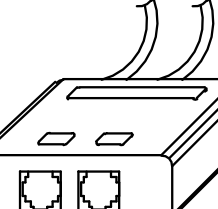
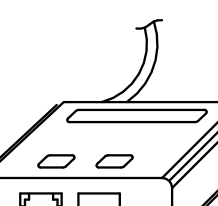
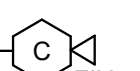
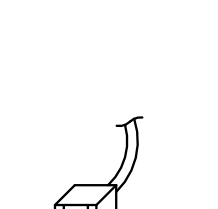
① EQUIPMENT SHOWN WITH DASHED LINES IS EXISTING TO BE REMOVED.



| GENERAL CONSTRUCTION NOTES |                                                                                                                                                                                                                                                                                                                                    |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A.                         | COORDINATE LOCATION AND MOUNTING REQUIREMENTS OF ALL CEILING MOUNTED OR ABOVE CEILING MOUNTED DEVICES WITH REFLECTED CEILING PLAN, LIGHTING LAYOUT, AND OTHER CEILING OR ABOVE CEILING MOUNTED EQUIPMENT.                                                                                                                          |
| B.                         | DEVICES MOUNTED INADJACENT TO CASEWORK - PRIOR TO ROUGH-IN, COORDINATE EXACT DEVICE LOCATIONS WITH ARCHITECTURAL CASEWORK ELEVATIONS. COORDINATE WITH CASEWORK SHOP DRAWINGS FOR CABLE PATHWAY AND ROUGH-IN REQUIREMENTS.                                                                                                          |
| C.                         | TELEVISION OUTLETS - COORDINATE EXACT DEVICE LOCATION WITH TV BRACKET MOUNTING LOCATION AND ADJACENT TO POWER OUTLET AS INDICATED ON ARCHITECTURAL FLOOR PLANS, ARCHITECTURAL WALL ELEVATIONS, AND ELECTRICAL POWER DRAWINGS.                                                                                                      |
| D.                         | DRAWINGS ARE SCHEMATIC IN NATURE AND ARE NOT DRAWN TO SCALE. CONTRACTOR IS RESPONSIBLE FOR COORDINATING EXACT ROUTING OF ALL SERVICES AND DISTANCES WITH EXISTING CONDITIONS AND WITH ALL OTHER TRADES.                                                                                                                            |
| E.                         | CONDUITS ARE TO HAVE A MAXIMUM 40% FILL RATIO.                                                                                                                                                                                                                                                                                     |
| F.                         | IN THE INSTALLATION OF THIS WORK, THE CONTRACTOR IS TO COMPLY WITH THE REQUIREMENTS OF LOCAL LAWS AND ORDINANCES, THE LAWS OF THE STATE OF INDIANA, THE NATIONAL BOARD OF FIRE UNDERWRITERS, AND THE NATIONAL ELECTRIC CODE.                                                                                                       |
| G.                         | CAREFULLY EXAMINE THE PREMISES TO DETERMINE THE EXTENT OF WORK AND THE CONDITION UNDER WHICH IT MUST BE DONE. IF THERE ARE ANY QUESTIONS REGARDING THE PROJECT, THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING CLARIFICATIONS FROM THE ENGINEER OR DESIGNATED REPRESENTATIVE BEFORE PROCEEDING WITH WORK OR RELATED WORK IN QUESTION. |
| H.                         | ANY DISCREPANCIES BETWEEN THE PLANS AND ACTUAL FIELD CONDITIONS MUST BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER OR DESIGNATED REPRESENTATIVE FOR CLARIFICATION.                                                                                                                                                         |
| I.                         | ALL WORK IS TO BE DONE IN A THOROUGH AND PROFESSIONAL MANNER ACCORDING TO INDUSTRY AND MANUFACTURERS' STANDARDS AND WILL BE SUBJECT TO INSPECTION AND ACCEPTANCE. WORK THAT IS DEEMED SUB-STANDARD WILL BE SUBJECT TO REPLACEMENT OR REPAIR AT NO ADDITIONAL COST TO THE OWNER OR GENERAL CONTRACTOR.                              |
| J.                         | THE CONTRACTOR IS REQUIRED TO PROPERLY FIRE-STOP ANY WALL OR FLOOR PENETRATIONS UTILIZED FOR THE PLACEMENT OF COMMUNICATIONS CABLING WITH APPROVED FIRE-STOPPING COMPOUND AND ACCORDING TO LOCAL AND NATIONAL CODES.                                                                                                               |
| K.                         | ANY DISCREPANCIES BETWEEN THE PLANS AND ACTUAL PROJECT SPECIFICATIONS MUST BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER OR DESIGNATED REPRESENTATIVE FOR CLARIFICATION.                                                                                                                                                   |
| L.                         | ALL PENETRATED STRUCTURES ARE TO BE RETURNED TO ORIGINAL CONDITION AND FIRE RATING.                                                                                                                                                                                                                                                |
| M.                         | REPRESENTATION OF OUTSIDE PLANT CABLE, PATHWAY, AND FACILITIES IS APPROXIMATE AND SCHEMATIC IN NATURE. DO NOT RELY ON PLANS FOR DETERMINATION AND COORDINATION OF EXACT LOCATIONS. VERIFY ALL PERTINENT CONDITIONS AND LOCATIONS WITH THE CIVIL ENGINEER AND UTILITY LOCATION SERVICES PRIOR TO PERFORMING WORK.                   |
| N.                         | WIRELESS ACCESS POINT LOCATIONS ARE DIAGRAMMATIC ONLY FOR BUDGETARY PURPOSES. FINAL LOCATION TO BE DETERMINED BY OWNER.                                                                                                                                                                                                            |
| O.                         | A PULL BOX SHALL BE PLACED IN A CONDUIT RUN WHEN ANY OF THE FOLLOWING CONDITIONS EXIST:<br>1. THE LENGTH OF THE CONDUIT RUN IS OVER 100 FEET.<br>2. THERE ARE MORE THAN TWO 90 DEGREE BENDS IN THE CONDUIT RUN.<br>3. THERE IS A REVERSE BEND IN THE CONDUIT RUN.                                                                  |
| P.                         | PULL BOXES AND JUNCTION BOXES SHALL BE PLACED IN EASILY ACCESSIBLE LOCATIONS. PULL BOX SIZES SHALL BE AS DEFINED BY THE NATIONAL ELECTRIC CODE.                                                                                                                                                                                    |
| Q.                         | PULL BOXES SHALL BE PLACED IN STRAIGHT SECTION OF CONDUIT AND NOT USED TO REPLACE A BEND. CONDUITS ENTERING AND EXITING PULL BOXES SHALL BE ALIGNED WITH ONE ANOTHER TO ALLOW FOR EASE OF CABLE INSTALLATION.                                                                                                                      |

| FACE PLATE REQUIREMENTS                                                                                                                                                                                                                               |                                                                                   |                                                                                                                                                                                                                                                                                                                                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                      |  | INITIAL CAPACITY: 4 CONNECTIONS<br>MAXIMUM CAPACITY: 4 CONNECTIONS<br>QTY DESCRIPTION<br>4 CAT 6 JACKS<br>1 4 PORT FACE PLATE<br><br>1 UL LISTED CATEGORY 6, 4PR CABLE, PULLED FROM EACH JACK TO TELECOM ROOM FOR TERMINATION.<br><br>ALL JACKS SHALL BE 568B PIN CONFIGURATION.                                                           |
|                                                                                                                                                                      |  | INITIAL CAPACITY: 3 CONNECTIONS<br>MAXIMUM CAPACITY: 4 CONNECTIONS<br>QTY DESCRIPTION<br>3 CAT 6 JACKS<br>1 4 PORT FACE PLATE<br>(BLANKS SHALL BE INSTALLED IN UNUSED FACE PLATE PORTS)<br><br>1 UL LISTED CATEGORY 6, 4PR CABLE, PULLED FROM EACH JACK TO TELECOM ROOM FOR TERMINATION.<br><br>ALL JACKS SHALL BE 568B PIN CONFIGURATION. |
|                                                                                                                                                                      |  | INITIAL CAPACITY: 2 CONNECTIONS<br>MAXIMUM CAPACITY: 4 CONNECTIONS<br>QTY DESCRIPTION<br>2 CAT 6 JACKS<br>1 4 PORT FACE PLATE<br>(BLANKS SHALL BE INSTALLED IN UNUSED FACE PLATE PORTS)<br><br>1 UL LISTED CATEGORY 6, 4PR CABLE, PULLED FROM EACH JACK TO TELECOM ROOM FOR TERMINATION.<br><br>ALL JACKS SHALL BE 568B PIN CONFIGURATION. |
|                                                                                                                                                                      |  | INITIAL CAPACITY: 1 CONNECTION<br>MAXIMUM CAPACITY: 4 CONNECTIONS<br>QTY DESCRIPTION<br>1 CAT 6 JACK<br>1 4 PORT FACE PLATE<br>(BLANKS SHALL BE INSTALLED IN UNUSED FACE PLATE PORTS)<br><br>1 UL LISTED CATEGORY 6, 4PR CABLE, PULLED FROM EACH JACK TO TELECOM ROOM FOR TERMINATION.<br><br>JACK SHALL BE 568B PIN CONFIGURATION.        |
|                                                                                                                                                                      |  | CAPACITY: 1 USB CONNECTION<br>QTY DESCRIPTION<br>1 USB A OUTLET<br>1 PANEL-MOUNTED COUPLER (WITH PIGTAIL)<br>1 MALE-TO-FEMALE OR FEMALE-TO-FEMALE (REFER TO DRAWING NOTES)<br>1 SINGLE-GANG USB FACEPLATE                                                                                                                                  |
|                                                                                                                                                                      |  | MAXIMUM CAPACITY: 1 CONNECTION<br>QTY DESCRIPTION<br>1 CAT 6 JACK<br>1 1 PORT FACE PLATE<br><br>1 UL LISTED CATEGORY 6, 4PR CABLE, PULLED FROM EACH JACK TO TELECOM ROOM FOR TERMINATION.<br><br>JACK SHALL BE 568B PIN CONFIGURATION.                                                                                                     |
| * COORDINATE ALL VOICE/DATA LOCATIONS, SPECIAL MOUNTING HEIGHT (SMH) DEVICES WITH ARCHITECTURAL WALL ELEVATIONS AND/OR MOUNTING HEIGHTS OF POWER DEVICES ON ELECTRICAL DRAWINGS. REFER TO "POWER OUTLET COORDINATION REQUIREMENTS" DETAIL, SHEET XXX. |                                                                                   |                                                                                                                                                                                                                                                                                                                                            |

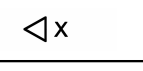
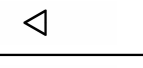
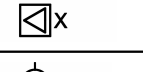
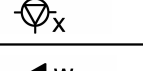
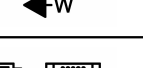
| FACE PLATE REQUIREMENTS                                                                                                                                                                                                                               |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                    |  | CAPACITY: 1 CATV CONNECTION; 1 DATA CONNECTION<br>QTY DESCRIPTION<br>1 RG6 COAX OUTLET<br>1 CAT 6 JACK<br>1 2 PORT FACE PLATE (PROVIDED BY CATV VENDOR)<br><br>1 UL LISTED CATEGORY 6, 4PR CABLE, PULLED FROM EACH JACK TO TELECOM ROOM FOR TERMINATION. TO BE INSTALLED BY VOICE/DATA CONTRACTOR. JACK SHALL BE 568B PIN CONFIGURATION.<br><br>1 UL LISTED COAX CABLE PULLED TO EACH COAX OUTLET FROM TELECOM ROOM FOR CATV TERMINATION. TO BE INSTALLED BY CATV CONTRACTOR. |
| * COORDINATE ALL VOICE/DATA LOCATIONS, SPECIAL MOUNTING HEIGHT (SMH) DEVICES WITH ARCHITECTURAL WALL ELEVATIONS AND/OR MOUNTING HEIGHTS OF POWER DEVICES ON ELECTRICAL DRAWINGS. REFER TO "POWER OUTLET COORDINATION REQUIREMENTS" DETAIL, SHEET XXX. |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

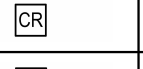
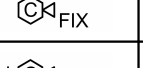
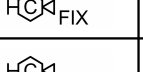
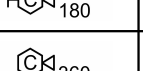
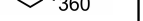
| JACK REQUIREMENTS                                                                   |                                                                                     |                                                                                                                                                                                                                                                          |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  | QTY DESCRIPTION<br>2 CAT 6A JACK<br>2 UL LISTED CATEGORY 6A 4PR CABLES, PULLED FROM EACH JACK TO TELECOM ROOM FOR TERMINATION.<br>JACK SHALL BE 568B PIN CONFIGURATION.<br>LEAVE 35" OF SLACK COILED IN CEILING.                                         |
|  |  | INITIAL CAPACITY: 1 CONNECTION<br>QTY DESCRIPTION<br>1 CAT 6 JACK<br>1 SURFACE MOUNT HOUSING ABOVE CEILING<br><br>1 UL LISTED CATEGORY 6, 4PR CABLE, PULLED FROM EACH JACK TO TELECOM ROOM FOR TERMINATION.<br><br>JACK SHALL BE 568B PIN CONFIGURATION. |
|  |  | INITIAL CAPACITY: 1 CONNECTION<br>QTY DESCRIPTION<br>1 CAT 6 JACK<br><br>1 UL LISTED CATEGORY 6, 4PR CABLE WITH RJ45 FEMALE JACK, PULLED TO TELECOM ROOM FOR TERMINATION.<br><br>JACK SHALL BE 568B PIN CONFIGURATION.                                   |

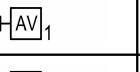
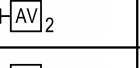
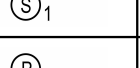
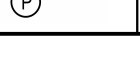
## LOW VOLTAGE RESPONSIBILITY MATRIX

| DESCRIPTION                                                                                                                                         | DIVISION 26 | DIVISION 27 | DIVISION 28 | OWNER |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|-------------|-------|
| VOICE/DATA OUTLETS AND FACE PLATES                                                                                                                  |             | X           |             |       |
| VOICE/DATA CABLE TERMINATIONS                                                                                                                       |             | X           |             |       |
| VOICE/DATA CABLE MANAGEMENT                                                                                                                         |             | X           |             |       |
| CONDUIT, BACKBOXES (ALL LOW VOLTAGE SYSTEMS)                                                                                                        | X           |             |             |       |
| PERIPHERALS (COMPUTERS, TELEPHONES, FAX, TV'S, PRINTERS, ETC.)                                                                                      |             |             |             | X     |
| WIRELESS ANTENNA INSTALL                                                                                                                            |             | X           |             |       |
| WIRELESS ANTENNA PURCHASE                                                                                                                           |             |             |             | X     |
| CARD ACCESS, INTRUSION DETECTION AND CCTV                                                                                                           |             |             | X           |       |
| TELEPHONE SYSTEM                                                                                                                                    |             |             |             | X     |
| SECURITY SYSTEM (CCTV, ACCESS CONTROL)<br>FIBER OPTIC CABLE AND CATEGORY 6 DATA CABLE TO CAMERAS SHALL BE INSTALLED, TERMINATED, LABELED AND TESTED |             | X           |             |       |

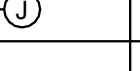
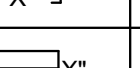
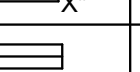
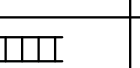
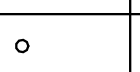
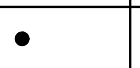
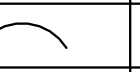
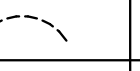
| SHEET INDEX - TECHNOLOGY |                                                                     |
|--------------------------|---------------------------------------------------------------------|
| NUMBER                   | SHEET NAME                                                          |
| T00-01                   | TECHNOLOGY NOTES, LEGENDS AND INDEX                                 |
| T01-00                   | TECHNOLOGY - LEVEL 01 - OVERALL - ENABLING PHASE                    |
| T01-01                   | TECHNOLOGY - LEVEL 01 - SECTOR A - ENABLING PHASE - DEMOLITION PLAN |
| T10-11                   | TECHNOLOGY - LEVEL 01 - SECTOR A - PHASE 1A - FLOOR PLAN            |
| T01-20                   | TECHNOLOGY - LEVEL 01 - OVERALL - PHASE 1B - DEMOLITION PLAN        |
| T10-20                   | TECHNOLOGY - LEVEL 01 - OVERALL - PHASE 1B                          |
| T10-22                   | TECHNOLOGY - LEVEL 01 - SECTOR B - PHASE 1B - FLOOR PLAN            |
| T10-23                   | TECHNOLOGY - LEVEL 01 - SECTOR C - PHASE 1B - FLOOR PLAN            |
| T10-24                   | TECHNOLOGY - LEVEL 01 - SECTOR D - PHASE 1B - FLOOR PLAN            |
| T30-00                   | TECHNOLOGY RISER DIAGRAM - ENABLING                                 |
| T30-20                   | TECHNOLOGY RISER DIAGRAM - PHASE 1B                                 |
| T40-20                   | LARGE SCALE COMM ROOMS - PHASE 1B                                   |
| T40-21                   | LARGE SCALE COMM ROOMS - PHASE 1B                                   |
| T40-22                   | LARGE SCALE COMM ROOMS - PHASE 1B                                   |
| T40-23                   | LARGE SCALE COMM ROOMS - PHASE 1B                                   |
| T40-24                   | LARGE SCALE COMM ROOMS - PHASE 1B                                   |
| T50-11                   | TECHNOLOGY ONE LINE DIAGRAM - PASSIVE OPTICAL NETWORK - PHASE 1A    |
| T50-12                   | TECHNOLOGY AUDIOVISUAL SYSTEM - PHASE 1A                            |
| T50-21                   | TECHNOLOGY AUDIOVISUAL SYSTEM - PHASE 1B                            |
| T50-22                   | TECHNOLOGY AUDIOVISUAL SYSTEM - PHASE 1B                            |
| T50-23                   | TECHNOLOGY AUDIOVISUAL SYSTEM - PHASE 1B                            |
| T50-24                   | TECHNOLOGY AUDIOVISUAL SYSTEM - PHASE 1B                            |
| T50-25                   | TECHNOLOGY AUDIOVISUAL SYSTEM ELEVATIONS - PHASE 1B                 |
| T50-26                   | TECHNOLOGY DETAILS - PHASE 1B                                       |
| T50-27                   | TECHNOLOGY SECURITY DETAILS - PHASE 1B                              |

| VOICE-DATA                                                                          |                                                                                            |                                     |                                            |     |  |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------|--------------------------------------------|-----|--|
|  | DATA OUTLET<br>(SUB-SCRIPT DENOTES NUMBER OF OUTLETS IN FACEPLATE)                         | 18" AFF OR MATCH POWER OUTLET       | 4" x 4" x 2 1/2" WITH SINGLE GANG MUD RING | 1"  |  |
|  | EDITABLE SYMBOL 01                                                                         | 18" AFF OR MATCH POWER OUTLET       | 4" x 4" x 2 1/2" WITH SINGLE GANG MUD RING | 1"  |  |
|  | DATA OUTLET (FLOOR OR BELOW FLOOR)<br>(SUB-SCRIPT DENOTES NUMBER OF OUTLETS IN FACEPLATE)  | FLUSH FLOOR OR SURFACE MOUNT BOX    | 4" x 4" x 2 1/2" WITH SINGLE GANG MUD RING | 1"  |  |
|  | WIRELESS ACCESS POINT CONNECTION<br>(SUB-SCRIPT REPRESENTS NUMBER OF OUTLETS IN FACEPLATE) | FINISH CEILING OR ABOVE CEILING     | N/A                                        | N/A |  |
|  | WALL PHONE VOICE OUTLET                                                                    | +48" AFF OR PER ARCH. ELEVATIONS    | 4" x 4" x 2 1/2"                           | 1"  |  |
|  | TELECOMMUNICATIONS GROUNDING BAR (ELEVATION VIEW)<br>PROVIDED BY DIVISION 26               | WALL MOUNTED OR AS VENDOR SPECIFIED | N/A                                        | N/A |  |

| SECURITY.                                                                           |                                   |                                     |                                                                   |     |
|-------------------------------------------------------------------------------------|-----------------------------------|-------------------------------------|-------------------------------------------------------------------|-----|
|  | SECURITY CARD READER              | 48" AFF OR PER ARCH WALL ELEVATIONS | 4" x 4" x 2 1/2" WITH SINGLE GANG MUD RING                        | 1"  |
|  | SECURITY DOOR CONTACT             | IN DOOR FRAME                       | N/A                                                               | N/A |
|  | SECURITY CCTV CAMERA - FIXED      | CEILING MOUNTED                     | N/A                                                               | N/A |
|  | SECURITY CCTV CAMERA - FIXED      | WALL, POLE, OR PARAPET              | 4" x 4" x 2 1/2" WITH SINGLE GANG MUD RING ONLY WHEN WALL MOUNTED | 1"  |
|  | SECURITY CCTV CAMERA - 180 DEGREE | WALL, POLE, OR PARAPET              | 4" x 4" x 2 1/2" WITH SINGLE GANG MUD RING ONLY WHEN WALL MOUNTED | 1"  |
|  | SECURITY CCTV CAMERA - 360 DEGREE | CEILING MOUNTED                     | N/A                                                               | N/A |

| AUDIOVISUAL                                                                         |                                                      |                                |                                               |
|-------------------------------------------------------------------------------------|------------------------------------------------------|--------------------------------|-----------------------------------------------|
| SYMBOL                                                                              | DESCRIPTION                                          | MOUNTING HEIGHT TO CENTER LINE | BACKBOX AND PLASTER RING                      |
|  | AV INPUT, RANDL PART #T-55017                        | PER DRAWINGS                   | 5" X 5" X 2 7/8" WITH 2-GANG MUD RING         |
|  | AV INPUT, RANDL PART #T-55017                        | PER DRAWINGS                   | 4" X 4" X 2 7/8" WITH 2-GANG MUD RING         |
|  | CAMERA, VADDIO 999-2225-115 (WHITE)                  | PER DRAWINGS                   | 5" X 5" X 2 7/8" WITH 2-GANG MUD RING         |
|  | CEILING MOUNTED SPEAKER - 1                          | FLUSH IN CEILING               | 12" X 12" X 10"                               |
|  | FSR PART #CB-22 (PROVIDE WITH CB-22 FAN AND CB-THRD) | CEILING                        | 14 1/4" X 9" X 4" X 2" X 2" CEILING ENCLOSURE |

| ABBREVIATIONS |                                                                                                                                    |
|---------------|------------------------------------------------------------------------------------------------------------------------------------|
| ABC           | ABOVE COUNTER                                                                                                                      |
| AC            | ABOVE CEILING                                                                                                                      |
| CLG           | FLUSH CEILING                                                                                                                      |
| PACS          | PICTURE ARCHIVE AND COMMUNICATION SYSTEM                                                                                           |
| POE           | POWER OVER ETHERNET                                                                                                                |
| RIO           | ROUGH IN ONLY                                                                                                                      |
| SMH           | SPECIAL MOUNTING HEIGHT                                                                                                            |
| WP            | WEATHER PROOF (EXTERIOR APPLICATION)                                                                                               |
| +72"          | NUMBER DENOTES MOUNTING HEIGHT ABOVE FINISHED FLOOR TO CENTER LINE                                                                 |
| (X)"Y"Z"      | "X" DENOTES NUMBER OF CONDUITS. "Y" DENOTES TRADE SIZE OF CONDUIT. "Z" DENOTES MOUNTING HEIGHT ABOVE FINISHED FLOOR TO CENTER LINE |

| PATHWAY                                                                               |                                                    |                                          |                                    |     |
|---------------------------------------------------------------------------------------|----------------------------------------------------|------------------------------------------|------------------------------------|-----|
|  | COMMUNICATIONS JUNCTION BOX                        | 18" AFF, ABOVE CEILING (AC), OR AS NOTED | IMPACT RESISTANT STORAGE ENCLOSURE | N/A |
|  | COMMUNICATIONS JUNCTION BOX - WALL MOUNTED         | SMH AS NOTED OR PER ARCH. ELEVATIONS     | IMPACT RESISTANT STORAGE ENCLOSURE | 1"  |
|  | X" CONDUIT SLEEVE                                  | N/A                                      | N/A                                | N/A |
|  | SLEEVE/CONDUIT                                     | N/A                                      | N/A                                | N/A |
|  | CABLE TRAY                                         | AS NOTED OR SEE SPECIFICATIONS           | N/A                                | N/A |
|  | LADDER RACK                                        | AS NOTED OR SEE SPECIFICATIONS           | N/A                                | N/A |
|  | CONDUIT UP                                         | N/A                                      | N/A                                | N/A |
|  | CONDUIT DOWN                                       | N/A                                      | N/A                                | N/A |
|  | CABLING ENCLOSED IN CONDUIT IN WALL OR CEILING     | N/A                                      | N/A                                | N/A |
|  | CABLING ENCLOSED IN CONDUIT IN SLAB OR BELOW GRADE | N/A                                      | N/A                                | N/A |

## Perkins&Will

The Wigley Building  
410 North Michigan Ave.  
Suite 1500  
Chicago, IL 60611  
1.312.755.0770  
1.312.755.0775  
www.perkinswill.com

### CONSULTANTS

CHL  
STRAND ASSOCIATES

629 WASHINGTON ST.  
COLUMBUS, IN 47201

STRUCTURAL  
SSR, INC.

2995 SIDCO DR.  
NASHVILLE, TN 37204

MEP  
SSR, INC.

2995 SIDCO DR.  
NASHVILLE, TN 37204

LANDSCAPE  
MKS&K

200 S MERIDIAN ST.  
INDIANAPOLIS, IN 46225

### OWNER

CITY OF COLUMBUS

123 WASHINGTON ST.  
COLUMBUS, IN 47201

MEP  
TAYLOR BROS. CONSTRUCTION CO., INC.

4655 MOBILE RD.  
COLUMBUS, IN 47201

CONTRACTOR  
TAYLOR BROS. CONSTRUCTION CO., INC.

4655 MOBILE RD.  
COLUMBUS, IN 47203

### PROJECT

### NEXUSPARK



columbusindiana  
unexpected.unforgettable.

City of Columbus

123 WASHINGTON ST.  
COLUMBUS, IN 47201

### ISSUE CHART

|            |                                 |           |
|------------|---------------------------------|-----------|
| 1          | FOR PROPOSAL - ENABLING & PH 1A | 3/18/2022 |
| ISSUE      | TABLE                           | DATE      |
| Job Number | 023650.000                      |           |
| TITLE      |                                 |           |

TECHNOLOGY NOTES,  
LEGENDS AND INDEX

### SHEET NUMBER

T00-01



CONSULTANTS

CIVIL  
STRAND ASSOCIATES  
629 WASHINGTON ST.  
COLUMBUS, IN 47201

STRUCTURAL  
SSR, INC.  
2995 SIDCO DR.  
NASHVILLE, TN 37204

MEP  
SSR, INC.  
2995 SIDCO DR.  
NASHVILLE, TN 37204

LANDSCAPING  
MWSK  
200 S MERIDIAN ST.  
INDIANAPOLIS, IN 46225

OWNER

CITY OF COLUMBUS  
123 WASHINGTON ST.  
COLUMBUS, IN 47201

FACILITY  
FAIR OAKS MALL  
2380 20TH ST.  
COLUMBUS, IN 47201

CONTRACTOR  
TAYLOR BROS. CONSTRUCTION CO., INC.  
4555 MIDDLE RD.  
COLUMBUS, IN 47203

PROJECT

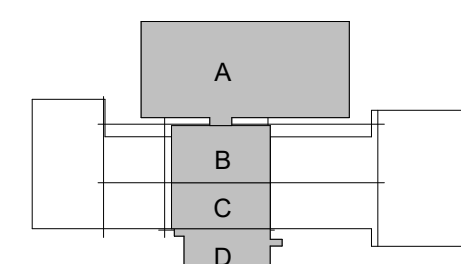
NEXUSPARK



City of Columbus

123 WASHINGTON ST.  
COLUMBUS, IN 47201

KEYPLAN



ISSUE CHART

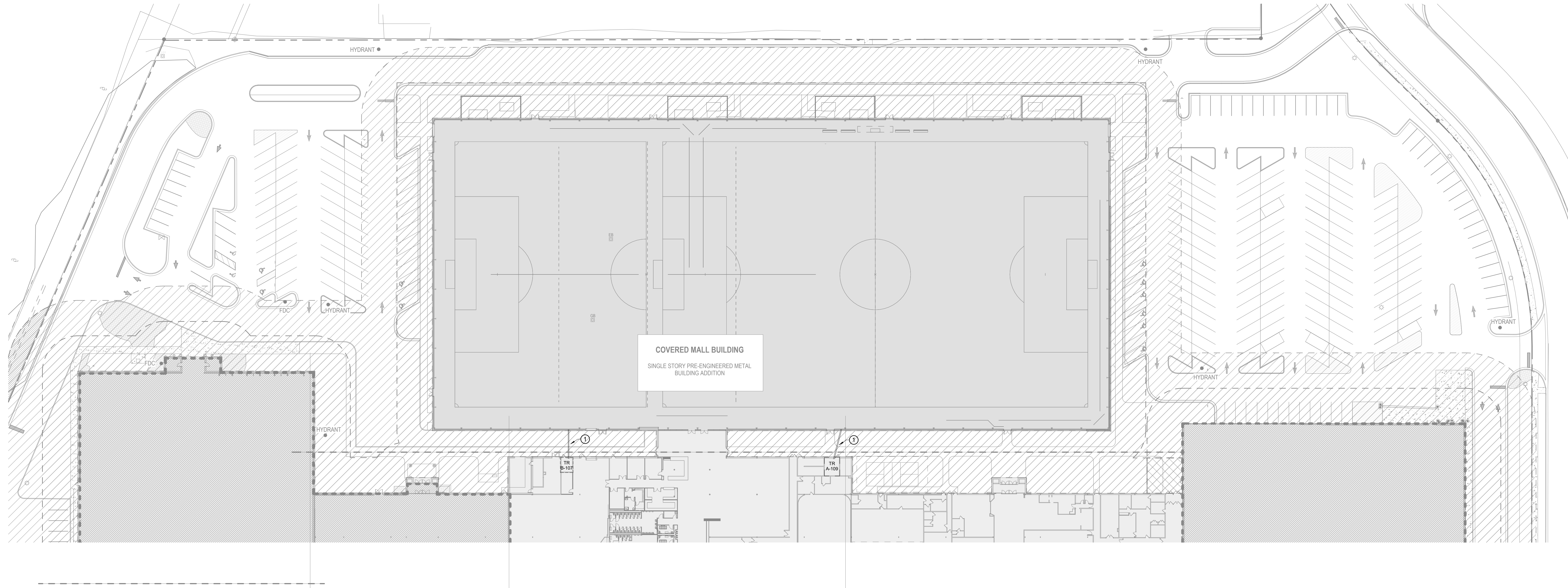
| DATE      | DESCRIPTION                        | DATE      |
|-----------|------------------------------------|-----------|
| 3/18/2022 | FOR PROPOSAL - ENABLING & PHASE 1A | 3/18/2022 |

Job Number 023650.000  
TITLE

TECHNOLOGY - LEVEL  
01 - OVERALL -  
ENABLING PHASE

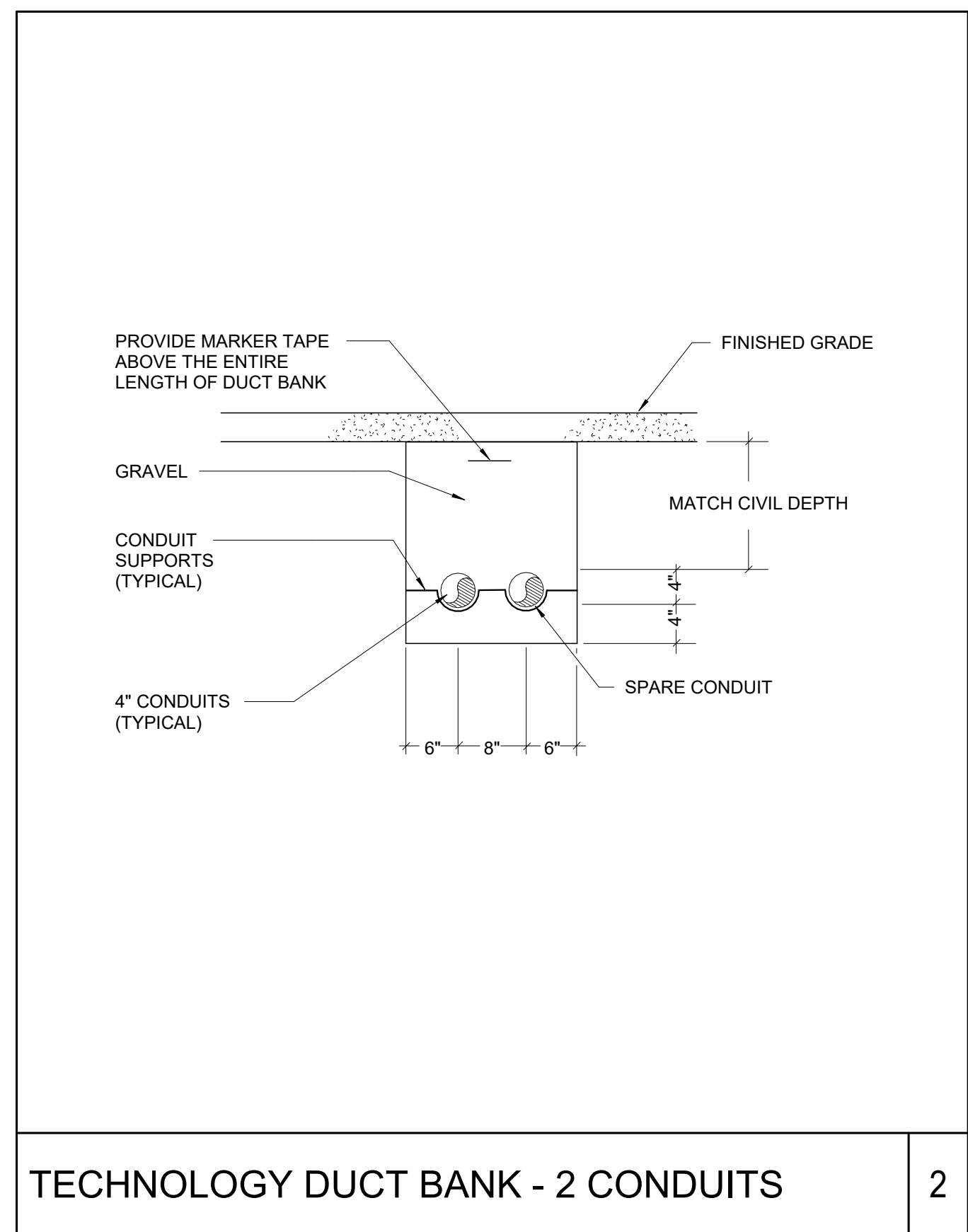
SHEET NUMBER

T01-00



COVERED MALL BUILDING  
SINGLE STORY PRE-ENGINEERED METAL  
BUILDING ADDITION

1 TECHNOLOGY - LEVEL 01 - OVERALL - ENABLING PHASE  
1" = 40'-0"



SHEET KEYED NOTES

① (2) 4" CONDUITS

SHEET GENERAL NOTES

- A. THIS DRAWING REPRESENTS A DIAGRAMMATIC OVERVIEW OF THE TECHNOLOGY SYSTEMS SITE PATHWAYS INFRASTRUCTURE (SEE CIVIL DRAWINGS FOR EXACT PLACEMENT OF INFRASTRUCTURE AND COORDINATION).
- B. PROVIDE A MINIMUM OF 12" SEPARATION BETWEEN TELECOM AND ELECTRICAL PARALLEL CONDUIT RUNS IN A JOINT TRENCH. PROVIDE A MINIMUM OF 12" SEPARATION WHEN CROSSING SITE UTILITIES (STORM DRAIN, WATER, SANITARY). CONTRACTOR TO PROVIDE ROUTING DETAILS WHEN CROSSING UNDER OR OVER UTILITIES.
- C. DO NOT EXCEED TWO 90-DEGREE BENDS IN A CONTINUOUS CONDUIT RUN WITHOUT AN APPROPRIATE CABLE PULL-POINT.
- D. PROVIDE MINIMUM 60° BEND RADIUS FOR 4" CONDUITS.
- E. PROVIDE CONDUIT SEALING PLUGS IN OSP TELECOM CONDUITS.
- F. PROVIDE PLUG CONFORMING TO THE CABLE AND/OR INNERDUCT USED. PROVIDE BLANK PLUGS FOR UNUSED CONDUITS. PROVIDE IDENTIFICATION TAGS FOR TELECOM CONDUITS. LOCATE AT EACH END OF THE CONDUIT IDENTIFYING THE DESTINATION.
- G. PROVIDE A 3/8" POLYETHYLENE PULLING ROPE IN 2" TRADE SIZE OR LARGER CONDUITS. LEAVE 30' OF ROPE BEYOND CONDUIT ENDS AND SECURE ROPE. FOR CONDUITS SMALLER THAN 2" TRADE SIZE, PROVIDE A 1/8" NYLON PULL STRING. LABEL PULLING ROPE WITH ENDPPOINTS.
- H. CONDUIT SHOWN ARE SCHEDULE 40 PVC UON.
- I. ALL MANHOLES, HANDHOLES, AND PULLBOXES SHALL BE PROPERLY SIZED FOR THE NUMBER AND SIZE OF ALL CONDUITS THAT ENTER AND EXIT THE STRUCTURE. UNITS WILL VARY IN SIZE DEPENDING ON THE CONDUITS THAT ENTER AND EXIT. FIELD VERIFY EXACT LOCATIONS OF THE ENCLOSURES SO AS NOT TO BE IN TRAFFIC AREAS.
- J. PROVIDE (3) MAXCELL 3 CELL FABRIC INNERDUCT, TYPICAL OF EACH CONDUIT. INSTALL PER MANUFACTURERS INSTRUCTIONS. INNERDUCT TO LAY FLAT WITHIN CONDUIT, TYPICAL.



CONSULTANTS

CIVIL  
STRAND ASSOCIATES  
629 WASHINGTON ST.  
COLUMBUS, IN 47201

STRUCTURAL  
SSR, INC.  
2995 SIDCO DR.  
NASHVILLE, TN 37204

MEP  
SSR, INC.  
2995 SIDCO DR.  
NASHVILLE, TN 37204

LANDSCAPING  
MCKS  
220 S MERIDIAN ST.  
INDIANAPOLIS, IN 46225

OWNER

CITY OF COLUMBUS  
123 WASHINGTON ST.  
COLUMBUS, IN 47201

FACILITY  
FAIR OAKS MALL  
2380 20TH ST.  
COLUMBUS, IN 47201

CONTRACTOR  
TAYLOR BROS. CONSTRUCTION CO., INC.  
4555 MIDDLE RD.  
COLUMBUS, IN 47203

PROJECT

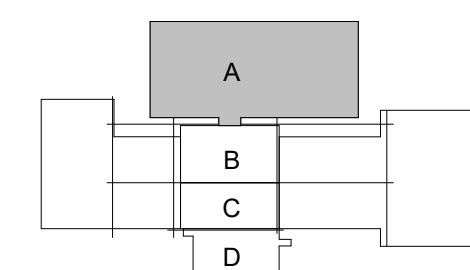
NEXUSPARK



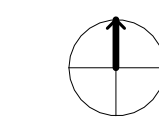
City of Columbus

123 WASHINGTON ST.  
COLUMBUS, IN 47201

KEYPLAN



ISSUE CHART



ISSUED FOR PROPOSAL - ENABLING & PHASE 1A 03/18/2022

FOR PROPOSAL - ENABLING & PH 1A 3/18/2022

DATE TIME

Job Number 023650.000

TITLE

TECHNOLOGY - LEVEL

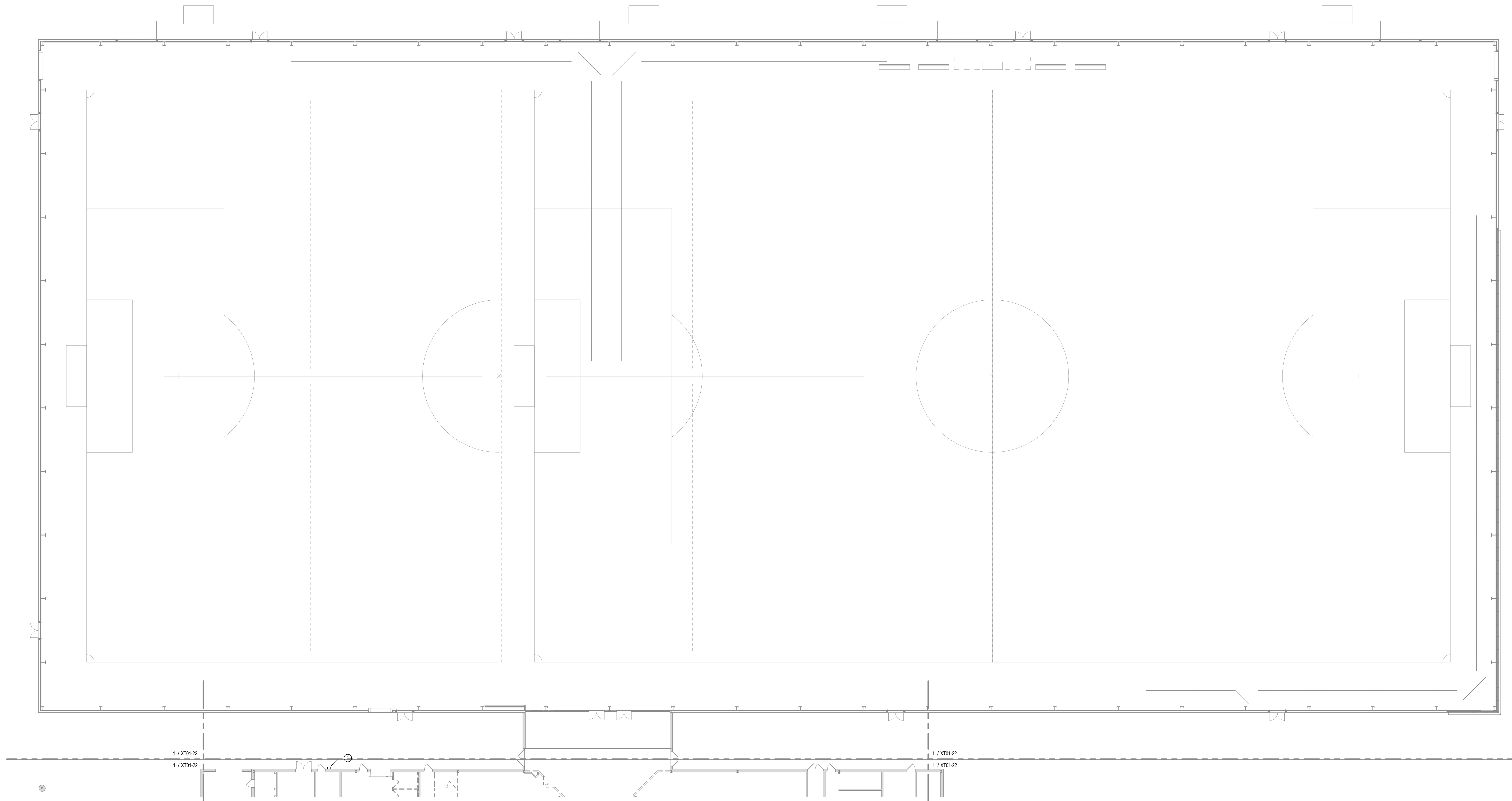
01 - SECTOR A -

ENABLING PHASE

DEMOLITION PLAN

SHEET NUMBER

T01-01



1 TECHNOLOGY - LEVEL 01 - SECTOR A - ENABLING PHASE - DEMOLITION PLAN

1/16" = 1'-0"



2 EXISTING IRRIGATION AND COMMUNICATIONS CONDUIT/CABLE

GENERAL DEMOLITION NOTES

- DEMOLITION REQUIREMENTS INCLUDE ONLY THE SCOPE OF COMMUNICATIONS LOW VOLTAGE WORK ON THESE DRAWINGS. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL COMMUNICATIONS LOW VOLTAGE DEMOLITION REQUIREMENTS.
- BEFORE DEMOLITION OF ANY CONDUIT OR CABLING, VERIFY ALL DEVICES AND SYSTEMS BEING SERVED OUTSIDE CONSTRUCTION AREA. VERIFY WITH OWNER OR DEPARTMENT SUPERVISOR BEFORE DISRUPTING ANY SERVICES AFFECTED OUTSIDE THE CONSTRUCTION AREA. ANY EXISTING DEVICES AND SYSTEMS DISRUPTED BY DEMOLITION ARE TO BE RESTORED TO OPERATION IMMEDIATELY OR WITHIN TIME AGREED UPON WITH OWNER.
- ALL DEVICES LOCATED IN WALLS, CEILINGS, AND ON OR IN FURNITURE INDICATED BY THE ARCHITECT TO BE REMOVED ARE LIKEWISE TO BE REMOVED. REMOVE ALL CABLING BACK TO POINT OF ORIGIN. REMOVED DEVICES ARE TO BE OFFERED FIRST TO OWNER PRIOR TO DISPOSAL. CONSULT WITH OWNER FOR STORAGE LOCATION AND REQUIREMENTS OF DEVICES RETAINED FOR FUTURE USE.
- EXISTING DEVICES TO REMAIN OR TO BE REUSED ARE TO BE THOROUGHLY CLEANED AND TESTED FOR PROPER OPERATION.
- EXISTING CONDUITS TO BE REUSED ARE TO BE CLEANED OUT BEFORE INSTALLATION OF NEW CABLING.
- AREAS WHERE LOW VOLTAGE DEVICES OR CONDUITS ARE REMOVED ARE TO BE REPAIRED TO MATCH EXISTING FINISHES. CONSULT WITH GENERAL CONTRACTOR FOR REPAIRS TO BE MADE BY APPROPRIATE TRADES.
- ALL EXISTING LOW VOLTAGE CABLING IS TO BE INDEPENDENTLY SUSPENDED ABOVE NEW CEILING IN ACCORDANCE WITH INDUSTRY STANDARDS AND CLEARANCES. NO CABLING IS TO BE TIED TO STRUCTURE, CONDUITS, PIPING, DUCTS, OR ANY ABOVE CEILING EQUIPMENT.
- ALL LOW VOLTAGE CABLING QUANTIFIED IN DRAWING ARE APPROXIMATE. EXACT QUANTITIES, POINT OF ORIGIN AND TERMINATION ARE TO BE FIELD VERIFIED. COORDINATE WITH OWNER BEFORE CUTTING, REPLACING OR REROUTING ANY LOW VOLTAGE CABLING.
- ALL ABANDONED LOW VOLTAGE CABLING IS TO BE REMOVED.

SHEET KEYED NOTES

- ① DEMO EXISTING IRRIGATION COMMUNICATIONS CABLES AND CONDUITS. REFER TO DETAIL 2.

DEMOLITION LEGEND

| SYMBOL | DESCRIPTION            |
|--------|------------------------|
| —      | EXISTING TO REMAIN     |
| —      | EXISTING TO BE REMOVED |
| ■      | DEMO TO THIS POINT     |



CONSULTANTS

STRAND ASSOCIATES  
629 WASHINGTON ST.  
COLUMBUS, IN 47201

SSR, INC.  
2995 SIDCO DR.  
NASHVILLE, TN 37204

SSR, INC.  
2995 SIDCO DR.  
NASHVILLE, TN 37204

LANEWORKS  
220 S MERIDIAN ST.  
INDIANAPOLIS, IN 46225

OWNER

CITY OF COLUMBUS  
123 WASHINGTON ST.  
COLUMBUS, IN 47201

FAIR OAKS MALL  
2380 20TH ST.  
COLUMBUS, IN 47201

CONTRACTOR  
TAYLOR BROS. CONSTRUCTION CO., INC.  
4555 MIDDLE RD.  
COLUMBUS, IN 47203

PROJECT

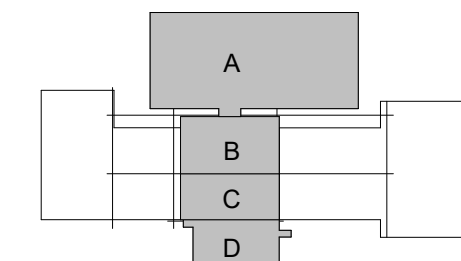
NEXUSPARK



City of Columbus

123 WASHINGTON ST.  
COLUMBUS, IN 47201

KEYPLAN



ISSUE CHART

ISSUED FOR PROPOSAL - ENABLING & PHASE 1A 03/18/2022

FOR PROPOSAL - ENABLING & PH 1A 3/18/2022

Job Number 023650.000

TITLE

TECHNOLOGY - LEVEL

01 - OVERALL - PHASE

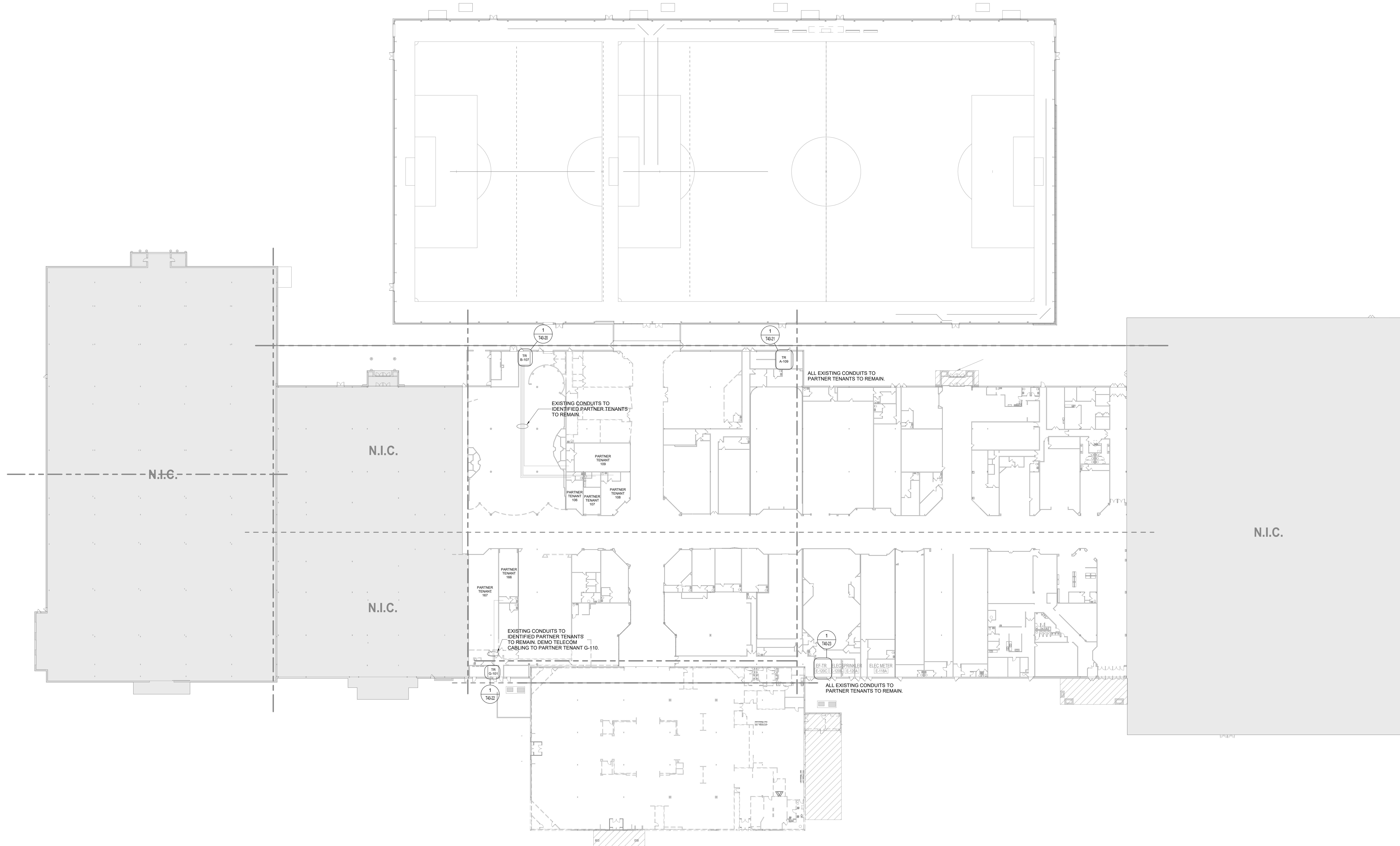
1B - DEMOLITION

PLAN

SHEET NUMBER

T01-20

© 2022 Perkins and Will



1 TECHNOLOGY - LEVEL 01 - OVERALL - PHASE 1B - DEMOLITION PLAN

1/32" = 1'-0"

GENERAL DEMOLITION NOTES

- DEMOLITION REQUIREMENTS INCLUDE ONLY THE SCOPE OF COMMUNICATION/LOW VOLTAGE WORK ON THESE DRAWINGS. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL COMMUNICATIONS/LOW VOLTAGE DEMOLITION REQUIREMENTS.
- BEFORE DEMOLITION OF ANY CONDUIT OR CABLEING, VERIFY ALL DEVICES AND SYSTEMS BEING SERVED OUTSIDE CONSTRUCTION AREA. VERIFY WITH OWNER OR DEPARTMENT SUPERVISOR BEFORE DISRUPTING ANY SERVICES AFFECTED OUTSIDE THE CONSTRUCTION AREA. ANY EXISTING DEVICES AND SYSTEMS DISRUPTED BY DEMOLITION ARE TO BE RESTORED TO OPERATION IMMEDIATELY OR WITHIN TIME AGREED UPON WITH OWNER.
- ALL DEVICES LOCATED IN WALLS, CEILINGS, AND ON OR IN FURNITURE INDICATED BY THE ARCHITECT TO BE REMOVED ARE LIKEWISE TO BE REMOVED. REMOVE ALL CABLEING BACK TO POINT OF ORIGIN. REMOVED DEVICES ARE TO BE OFFERED FIRST TO OWNER PRIOR TO DISPOSAL. CONSULT WITH OWNER FOR STORAGE LOCATION AND REQUIREMENTS OF DEVICES RETAINED FOR FUTURE USE.
- EXISTING DEVICES TO REMAIN OR TO BE REUSED ARE TO BE THOROUGHLY CLEANED AND TESTED FOR PROPER OPERATION.
- EXISTING CONDUITS TO BE REUSED ARE TO BE CLEANED OUT BEFORE INSTALLATION OF NEW CABLEING.
- AREAS WHERE LOW VOLTAGE DEVICES OR CONDUITS ARE REMOVED ARE TO BE REPAIRED TO MATCH EXISTING FINISHES. CONSULT WITH GENERAL CONTRACTOR FOR REPAIRS TO BE MADE BY APPROPRIATE TRADES.
- ALL EXISTING LOW VOLTAGE CABLEING IS TO BE INDEPENDENTLY SUSPENDED ABOVE NEW CEILING IN ACCORDANCE WITH INDUSTRY STANDARDS AND CLEARANCES. NO CABLEING IS TO BE TIED TO STRUCTURE, CONDUITS, PIPING, DUCTS, OR ANY ABOVE CEILING EQUIPMENT.
- ALL LOW VOLTAGE CABLEING QUANTIFIED IN DRAWING ARE APPROXIMATE. EXACT QUANTITIES, POINT OF ORIGIN AND TERMINATION ARE TO BE FIELD VERIFIED. COORDINATE WITH OWNER BEFORE CUTTING, REPLACING OR REROUTING ANY LOW VOLTAGE CABLEING.
- ALL ABANDONED LOW VOLTAGE CABLEING IS TO BE REMOVED.

DEMOLITION LEGEND

| SYMBOL | DESCRIPTION            |
|--------|------------------------|
| —      | EXISTING TO REMAIN     |
| —      | EXISTING TO BE REMOVED |
| ■      | DEMO TO THIS POINT     |



CONSULTANTS

CIVIL  
STRAND ASSOCIATES  
629 WASHINGTON ST.  
COLUMBUS, IN 47201

STRUCTURAL  
SSR, INC.  
2995 SIDCO DR.  
NASHVILLE, TN 37204  
MEP

SSR, INC.  
2995 SIDCO DR.  
NASHVILLE, TN 37204  
LANDSCAPING

MCK  
200 S MERIDIAN ST.  
INDIANAPOLIS, IN 46225

OWNER

CITY OF COLUMBUS  
123 WASHINGTON ST.  
COLUMBUS, IN 47201

FACILITY  
FAIR OAKS MALL  
2080 20TH ST.  
COLUMBUS, IN 47201

CONTRACTOR  
TAYLOR BROS. CONSTRUCTION CO., INC.  
4555 MIDDLE RD.  
COLUMBUS, IN 47203

PROJECT

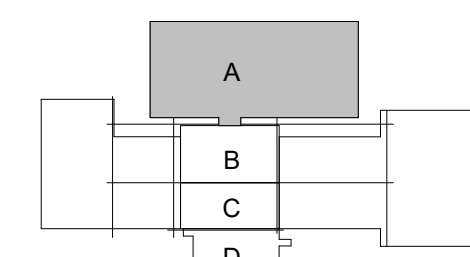
NEXUSPARK



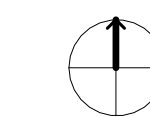
City of Columbus

123 WASHINGTON ST.  
COLUMBUS, IN 47201

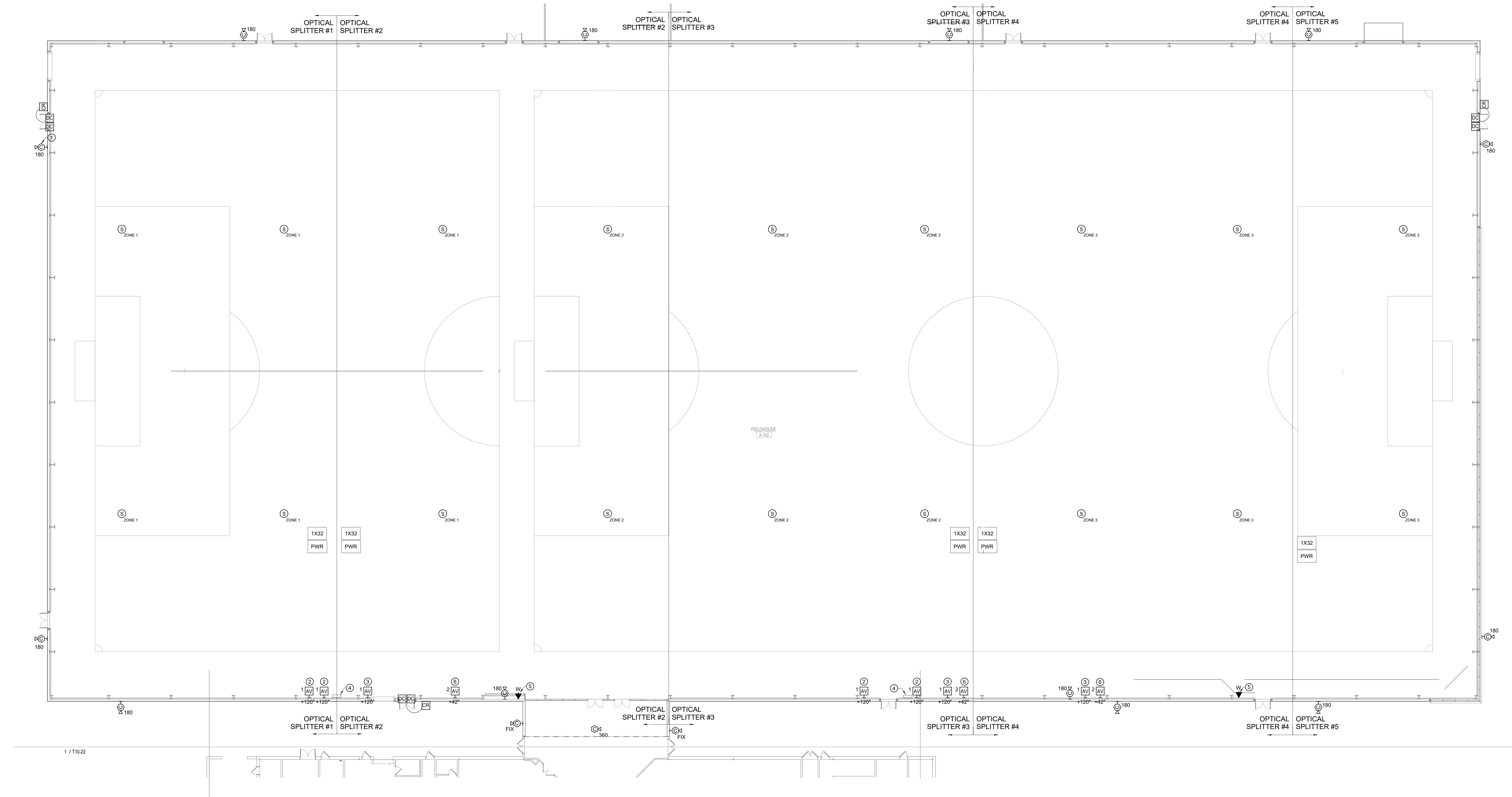
KEYPLAN



ISSUE CHART



ISSUED FOR PROPOSAL - ENABLING & PHASE 1A 03/18/2022



1 TECHNOLOGY - LEVEL 01 - SECTOR A - PHASE 1A - FLOOR PLAN  
1/16" = 1'-0"

SHEET KEYED NOTES

- CONDUIT FOR CAMERA EXTENDS TO ACCESSIBLE POINT AT CEILING ABOVE BOTTOM OF JOIST AND TERMINATES TO JUNCTION BOX. TYPICAL ALL CAMERAS. PROVIDE BUSHING AND PULL STRING. TYPICAL.
- WIRELESS MICROPHONE ANTENNA LOCATION. TYPICAL OF (2) ANTENNAS.
- ALS ANTENNA LOCATION.
- PROVIDE 36" X 36" X 6" JUNCTION BOX. ALL LOW VOLTAGE CONDUITS TERMINATE TO THIS BOX. MOUNT ABOVE ADA HEIGHT OR PROVIDE ALTERNATE MEANS OF COMPLIANCE.
- PROVIDE IMPACT RESISTANT ENCLOSURE FOR PHONE.
- AUDIO REMOTE CONTROL / BLUETOOTH INPUT LOCATION.

SHEET GENERAL NOTES

- CONDUIT REQUIRED FOR ALL LOW VOLTAGE CABLING.
- PROVIDE IMPACT RESISTANT WAP ENCLOSURES FOR ALL WIRELESS ACCESS POINTS. OBERON OR EQUAL. COORDINATE WITH WAP EQUIPMENT PROVIDED BY OWNER.
- WIRELESS ACCESS POINT LOCATIONS SHOWN FOR REFERENCE ONLY. COORDINATE QUANTITIES AND LOCATIONS WITH OWNER FURNISHED HEAT MAP.
- MOUNT CAMERAS AT +12' AFF.

RENOVATION LEGEND

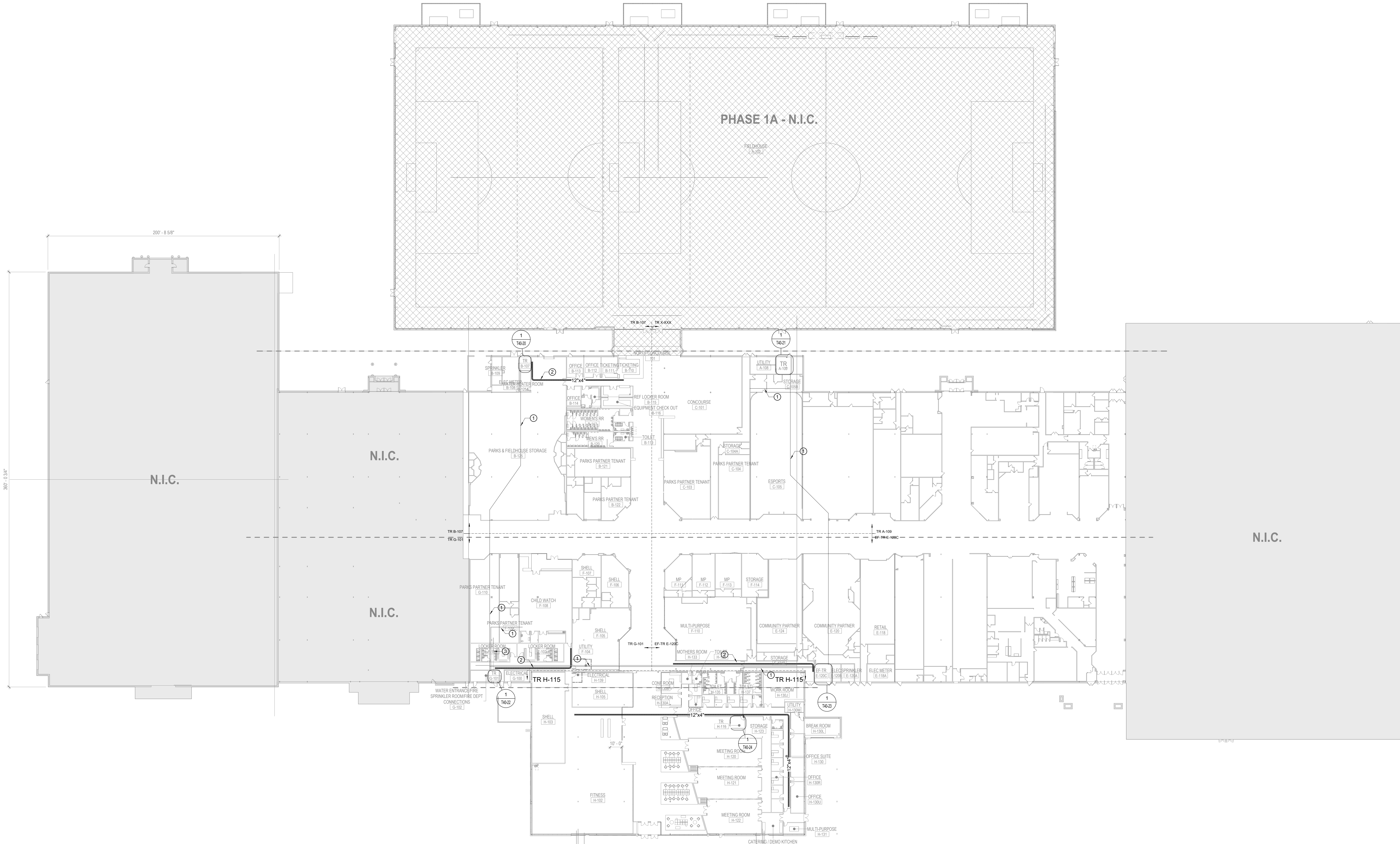
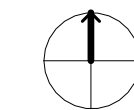
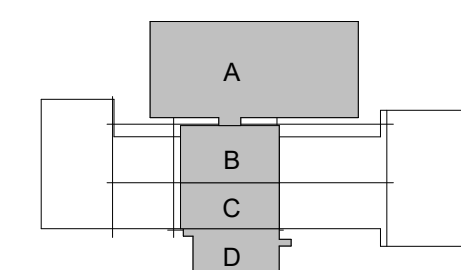
| SYMBOL | DESCRIPTION                       |
|--------|-----------------------------------|
|        | EXISTING TO REMAIN                |
|        | NEW CONSTRUCTION                  |
|        | CONNECT TO EXISTING AT THIS POINT |

FOR PROPOSAL - ENABLING & PH 1A 3/18/2022  
DATE DATE  
Job Number 023650.000

TITLE  
TECHNOLOGY - LEVEL  
01 - SECTOR A -  
PHASE 1A - FLOOR  
PLAN  
SHEET NUMBER

T10-11





1 TECHNOLOGY - LEVEL 01 - OVERALL - PHASE 1B

1/32" = 1'-0"

SHEET KEYED NOTES

- (2) 4" CONDUITS
- 12" X 4" CABLE TRAY
- EXTEND EXISTING CONDUIT TO PARTNER 167 AT ACCESSIBLE POINT ABOVE CEILING. PROVIDE BUSHINGS AND PULL STRING.

RENOVATION LEGEND

| SYMBOL | DESCRIPTION                       |
|--------|-----------------------------------|
|        | EXISTING TO REMAIN                |
|        | NEW CONSTRUCTION                  |
|        | CONNECT TO EXISTING AT THIS POINT |



CONSULTANTS

STRAND ASSOCIATES

629 WASHINGTON ST.  
COLUMBUS, IN 47201

SSR, INC.

2995 SIDCO DR.  
NASHVILLE, TN 37204

SSR, INC.

2995 SIDCO DR.  
NASHVILLE, TN 37204

LANDSCAPING

MKS

200 S MERIDIAN ST.  
INDIANAPOLIS, IN 46225

OWNER

CITY OF COLUMBUS

123 WASHINGTON ST.  
COLUMBUS, IN 47201

FAIR OAKS MALL

2300 25TH ST.  
COLUMBUS, IN 47201

CONTRACTOR

TAYLOR BROS. CONSTRUCTION CO., INC.

4555 MIDDLE RD.  
COLUMBUS, IN 47203

PROJECT

NEXUSPARK

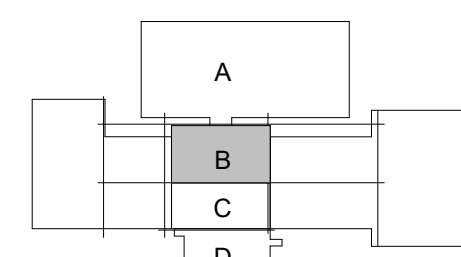


columbusindiana  
unexpected.unforgettable.

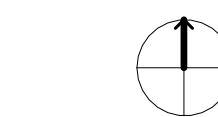
City of Columbus

123 WASHINGTON ST.  
COLUMBUS, IN 47201

KEYPLAN



ISSUE CHART



FOR PROPOSAL - ENABLING & PHASE 1A 03/18/2022

Job Number 023650.000

TITLE

TECHNOLOGY - LEVEL

01 - SECTOR B -

PHASE 1B - FLOOR

PLAN

SHEET NUMBER

T10-22



1 TECHNOLOGY - LEVEL 01 - SECTOR B - PHASE 1B - FLOOR PLAN  
1/8" = 1'-0"

| RENOVATION LEGEND |                                   |
|-------------------|-----------------------------------|
| SYMBOL            | DESCRIPTION                       |
|                   | EXISTING TO REMAIN                |
|                   | NEW CONSTRUCTION                  |
|                   | CONNECT TO EXISTING AT THIS POINT |



CONSULTANTS

STRAND ASSOCIATES  
629 WASHINGTON ST.  
COLUMBUS, IN 47201

SSR, INC.  
2995 SIOCCO DR.  
NASHVILLE, TN 37204

SSR, INC.  
2995 SIOCCO DR.  
NASHVILLE, TN 37204

LANDSCAPING  
MKSK  
200 S MERIDIAN ST.  
INDIANAPOLIS, IN 46225

OWNER

CITY OF COLUMBUS  
123 WASHINGTON ST.  
COLUMBUS, IN 47201

FAIR OAKS MALL  
2080 25TH ST.  
COLUMBUS, IN 47201

CONTRACTOR  
TAYLOR BROS. CONSTRUCTION CO., INC.  
4555 MIDDLE RD.  
COLUMBUS, IN 47203

PROJECT

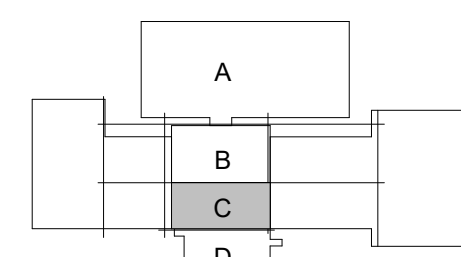
NEXUSPARK



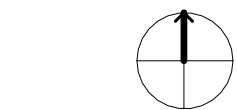
City of Columbus

123 WASHINGTON ST.  
COLUMBUS, IN 47201

KEYPLAN



ISSUE CHART

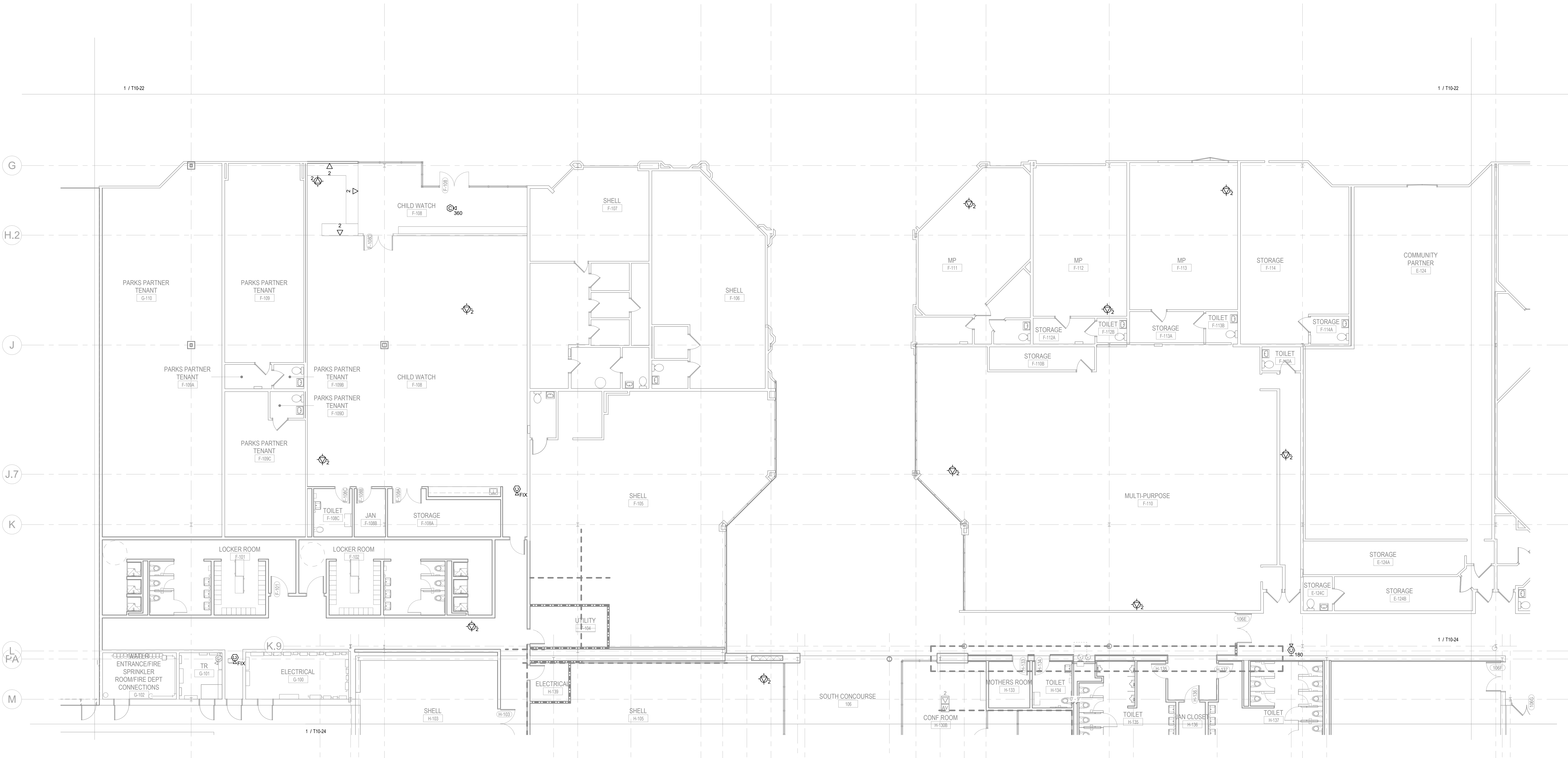


| RENOVATION LEGEND |                                   |
|-------------------|-----------------------------------|
| SYMBOL            | DESCRIPTION                       |
|                   | EXISTING TO REMAIN                |
|                   | NEW CONSTRUCTION                  |
|                   | CONNECT TO EXISTING AT THIS POINT |

|                                    |           |
|------------------------------------|-----------|
| FOR PROPOSAL - ENABLING & PHASE 1A | 3/18/2022 |
| DATE                               | DATE      |

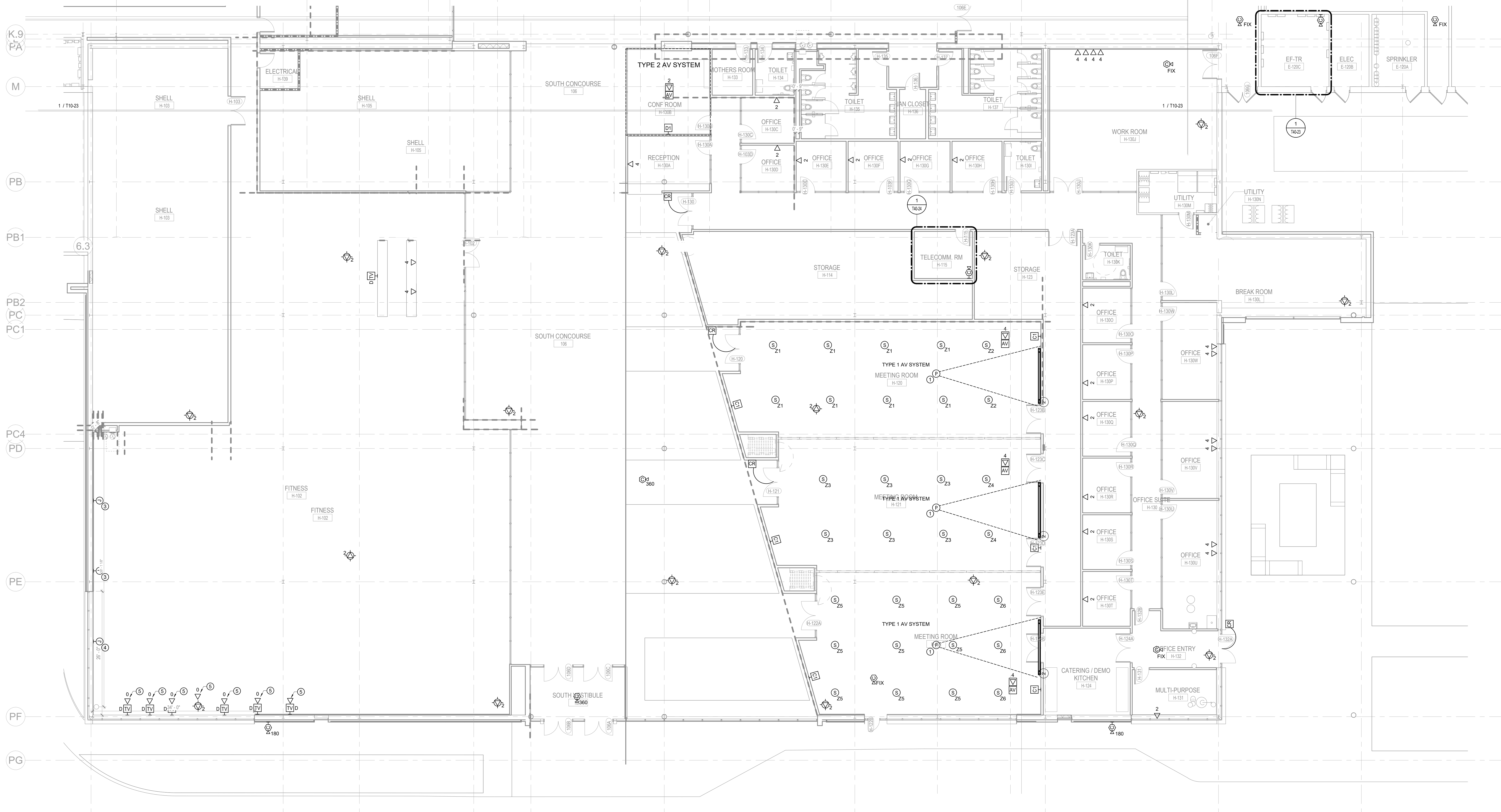
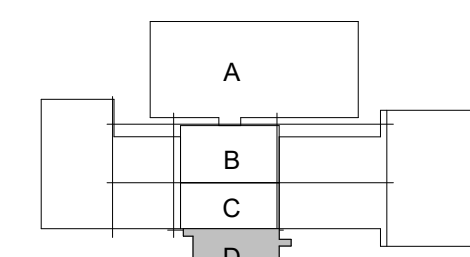
Job Number 023650.000  
TITLE  
TECHNOLOGY - LEVEL  
01 - SECTOR C -  
PHASE 1B - FLOOR  
PLAN  
SHEET NUMBER

T10-23



1 TECHNOLOGY - LEVEL 01 - SECTOR C - PHASE 1B - FLOOR PLAN  
1/8" = 1'-0"





1 TECHNOLOGY - LEVEL 01 - SECTOR D - PHASE 1B - FLOOR PLAN  
1/8" = 1'-0"

SHEET KEYED NOTES

- PROJECTOR TARGET THROW DISTANCE IS 20'
- DA-LITE RECESSED PROJECTION SCREEN, 137" DIAGONAL, PART # 21813LS.
- LEGEND: 01R10W JUNCTION BOX (REFER TO ELECTRICAL DRAWINGS) FOR CONNECTION TO FUTURE OVER THE FLOOR RACEWAY. PROVIDE (1) 1/4" CONDUIT STUBBED FROM THE JUNCTION BOX TO ACCESSIBLE POINT ABOVE ATC DEDICATED TO FUTURE LOW VOLTAGE CABLING. PROVIDE BUSHING AND PULL STRING.
- 2 - CHANNEL WALKER DUCT PROVIDED FOR FUTURE CONNECTIONS TO EQUIPMENT. REFER TO ELECTRICAL DRAWINGS.
- PROVIDE INFRASTRUCTURE TO SUPPORT FUTURE LOW VOLTAGE CONNECTION TO TREADMILLS, TYPICAL OF 0 CABLE SYMBOLS.

RENOVATION LEGEND

| SYMBOL | DESCRIPTION                       |
|--------|-----------------------------------|
|        | EXISTING TO REMAIN                |
|        | NEW CONSTRUCTION                  |
|        | CONNECT TO EXISTING AT THIS POINT |



SHEET GENERAL NOTES

A. PROVIDE (3) MAXCELL 3 CELL FABRIC INNERDUCT, TYPICAL OF EACH NEW CONDUIT. INSTALL PER MANUFACTURERS INSTRUCTIONS. INNERDUCT TO LAY FLAT WITHIN CONDUIT, TYPICAL.

EXISTING TELECOM (TR B-107)  
NORTHWEST

FIELD HOUSE

EXISTING TELECOM/ELECTRICAL (TR G-101)  
NORTHEAST

(2) NEW 4" CONDUITS

(2) NEW 4" CONDUITS

1 CONDUIT / PATHWAY RISER DIAGRAM  
1/16" = 1'-0"

Perkins&Will

The Wigley Building  
410 North Michigan Ave.  
Suite 1500  
Chicago, IL 60611  
1.312.755.0770  
1.312.755.0775  
www.perkinswill.com

CONSULTANTS

CIVIL  
STRAND ASSOCIATES  
629 WASHINGTON ST.  
COLUMBUS, IN 47201

STRUCTURAL  
SSR, INC.  
2995 SIDCO DR.  
NASHVILLE, TN 37294  
MEP

SSR, INC.  
2995 SIDCO DR.  
NASHVILLE, TN 37294  
LANDSCAPING

MCKS  
200 S MERIDIAN ST.  
INDIANAPOLIS, IN 46225

OWNER

CITY OF COLUMBUS  
123 WASHINGTON ST.  
COLUMBUS, IN 47201  
FACILITY

FAIR OAKS MALL  
2380 25TH ST.  
COLUMBUS, IN 47201

CONTRACTOR  
TAYLOR BROS. CONSTRUCTION CO., INC.  
4555 MIDDLE RD.  
COLUMBUS, IN 47203

PROJECT

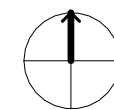
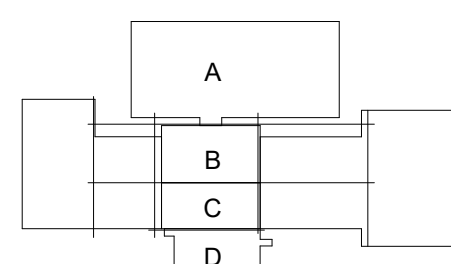
NEXUSPARK



City of Columbus

123 WASHINGTON ST.  
COLUMBUS, IN 47201

KEYPLAN



ISSUE CHART

ISSUED FOR PROPOSAL - ENABLING & PHASE 1A 03/18/2022

|            |                                 |           |
|------------|---------------------------------|-----------|
| 1          | FOR PROPOSAL - ENABLING & PH 1A | 3/18/2022 |
| DATE       | TITLE                           | DATE      |
| Job Number | 023650.000                      | TITLE     |

TECHNOLOGY RISER  
DIAGRAM - ENABLING

SHEET NUMBER

T30-00



CONSULTANTS

CIVIL  
STRAND ASSOCIATES  
628 WASHINGTON ST.  
COLUMBUS, IN 47201

STRUCTURAL  
SSR, INC.  
2995 SIDCO DR.  
NASHVILLE, TN 37204  
MEP

SSR, INC.  
2995 SIDCO DR.  
NASHVILLE, TN 37204  
LANDSCAPE

MCK  
200 S MERIDIAN ST.  
INDIANAPOLIS, IN 46225

OWNER  
CITY OF COLUMBUS  
123 WASHINGTON ST.  
COLUMBUS, IN 47201

FACILITY  
FAIR OAKS MALL  
2280 20TH ST.  
COLUMBUS, IN 47201

CONTRACTOR  
TAYLOR BROS. CONSTRUCTION CO., INC.  
4555 MIDDLE RD.  
COLUMBUS, IN 47203

PROJECT

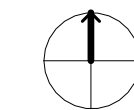
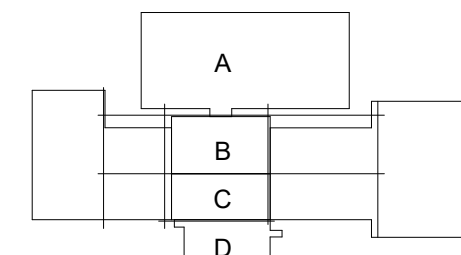
NEXUSPARK



City of Columbus

123 WASHINGTON ST.  
COLUMBUS, IN 47201

KEYPLAN



ISSUE CHART

|            |                                  |           |
|------------|----------------------------------|-----------|
| 1          | FOR PROPOSAL - ENABLING & PH. 1A | 3/18/2022 |
| DATE       | TITLE                            | DATE      |
| Job Number | 023650.000                       | TITLE     |

TECHNOLOGY RISER  
DIAGRAM - PHASE 1B

SHEET NUMBER

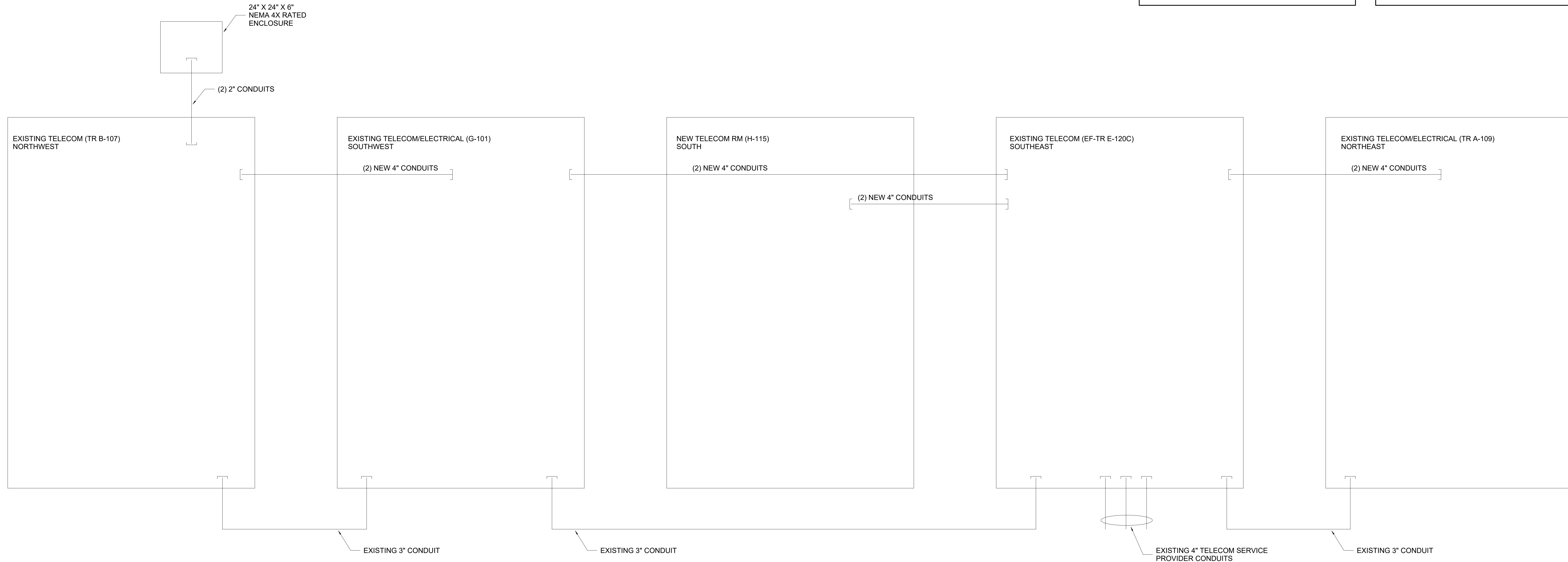
T30-20

SHEET GENERAL NOTES

A. PROVIDE (3) MAXCELL 3 CELL FABRIC INNERDUCT, TYPICAL OF EACH NEW CONDUIT. INSTALL PER MANUFACTURERS INSTRUCTIONS. INNERDUCT TO LAY FLAT WITHIN CONDUIT, TYPICAL.

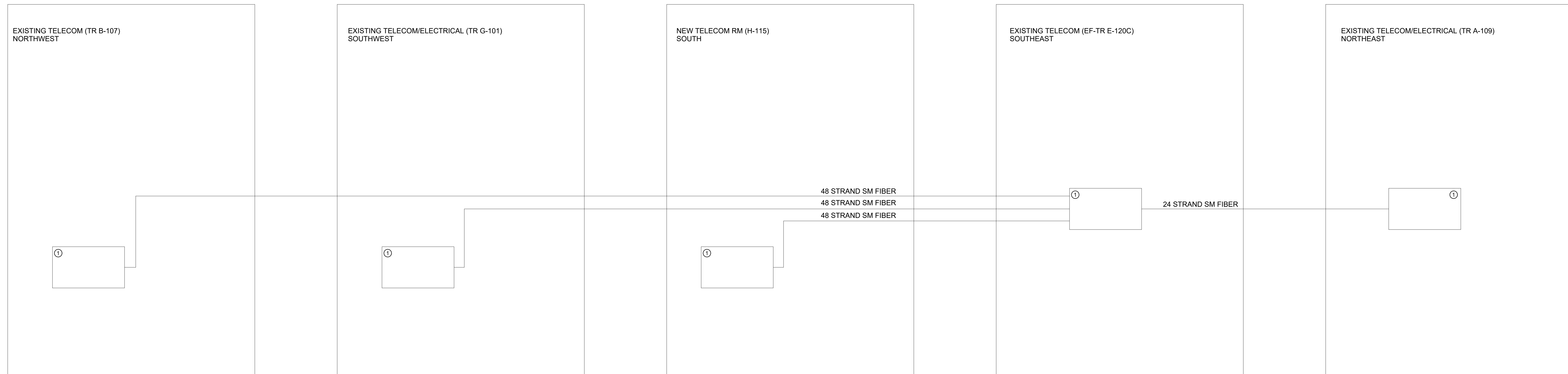
SHEET KEYED NOTES

① FIBER PATCH PANEL(S)



① CONDUIT / PATHWAY RISER DIAGRAM

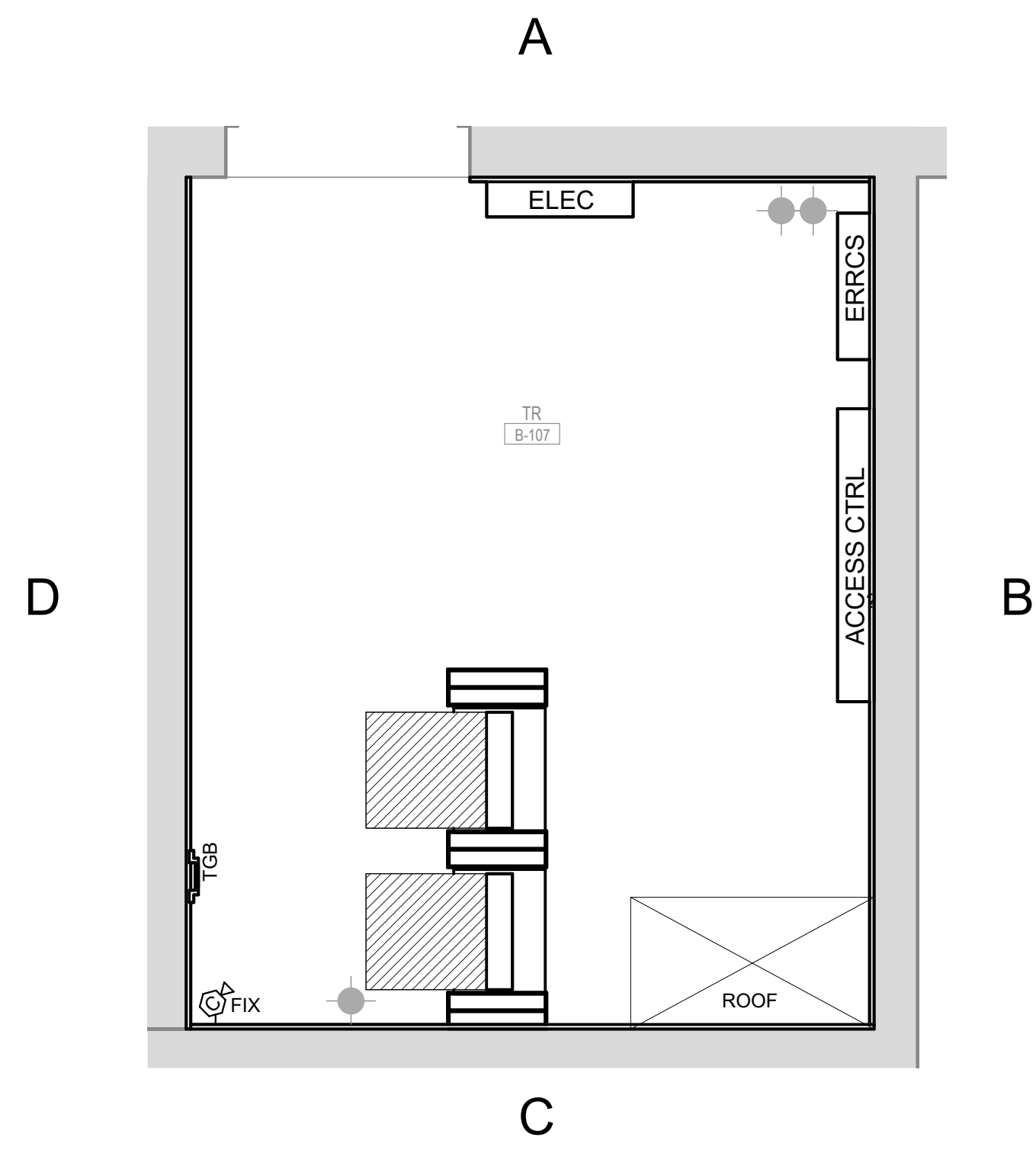
1/32\"/>



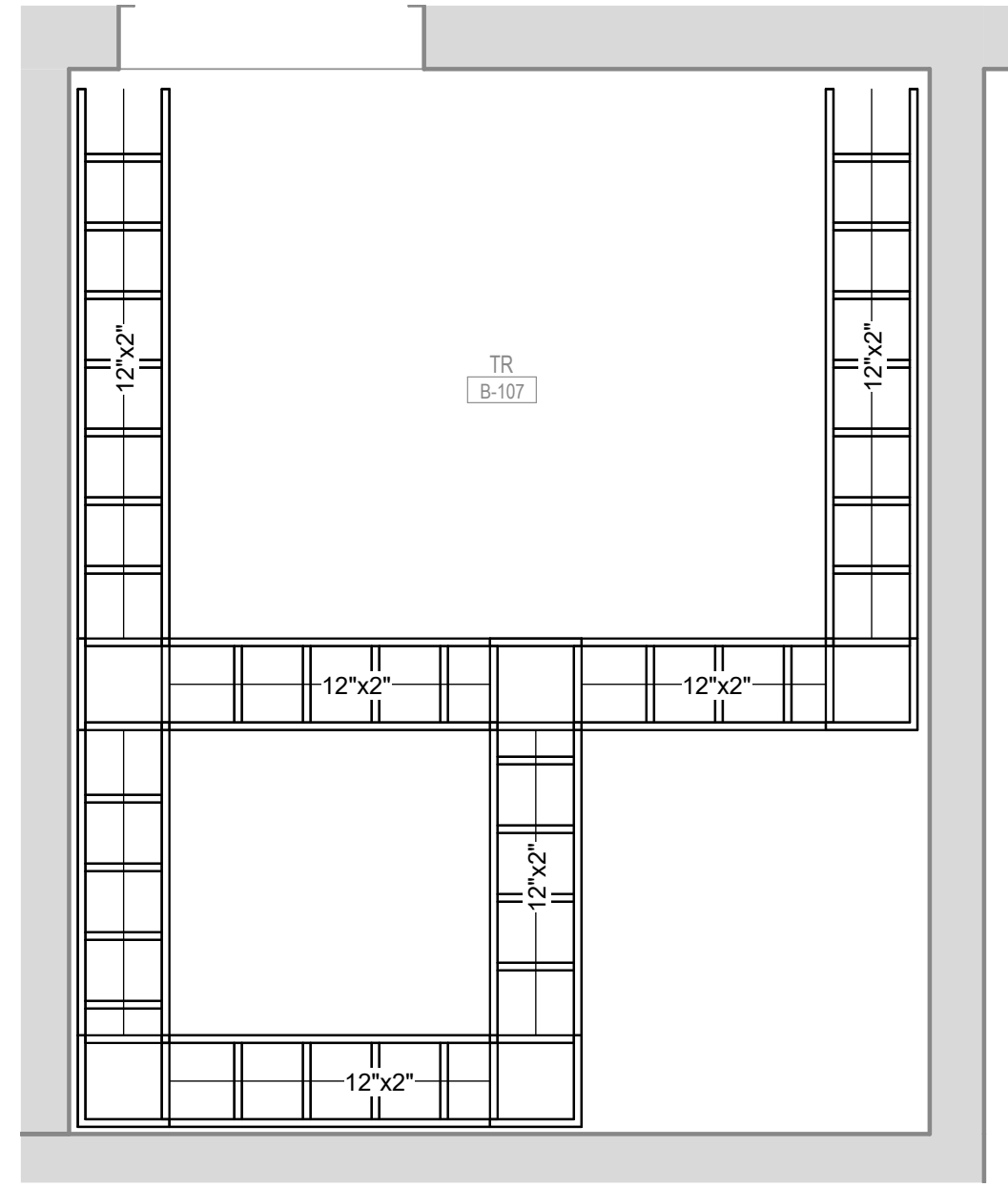
② FIBER RISER DIAGRAM

1/32\"/>





1 TR B-107 - LARGE SCALE LAYOUT  
1/2" = 1'-0"



2 TR B-107 - LADDER RACK LAYOUT  
1/2" = 1'-0"

#### SHEET GENERAL NOTES

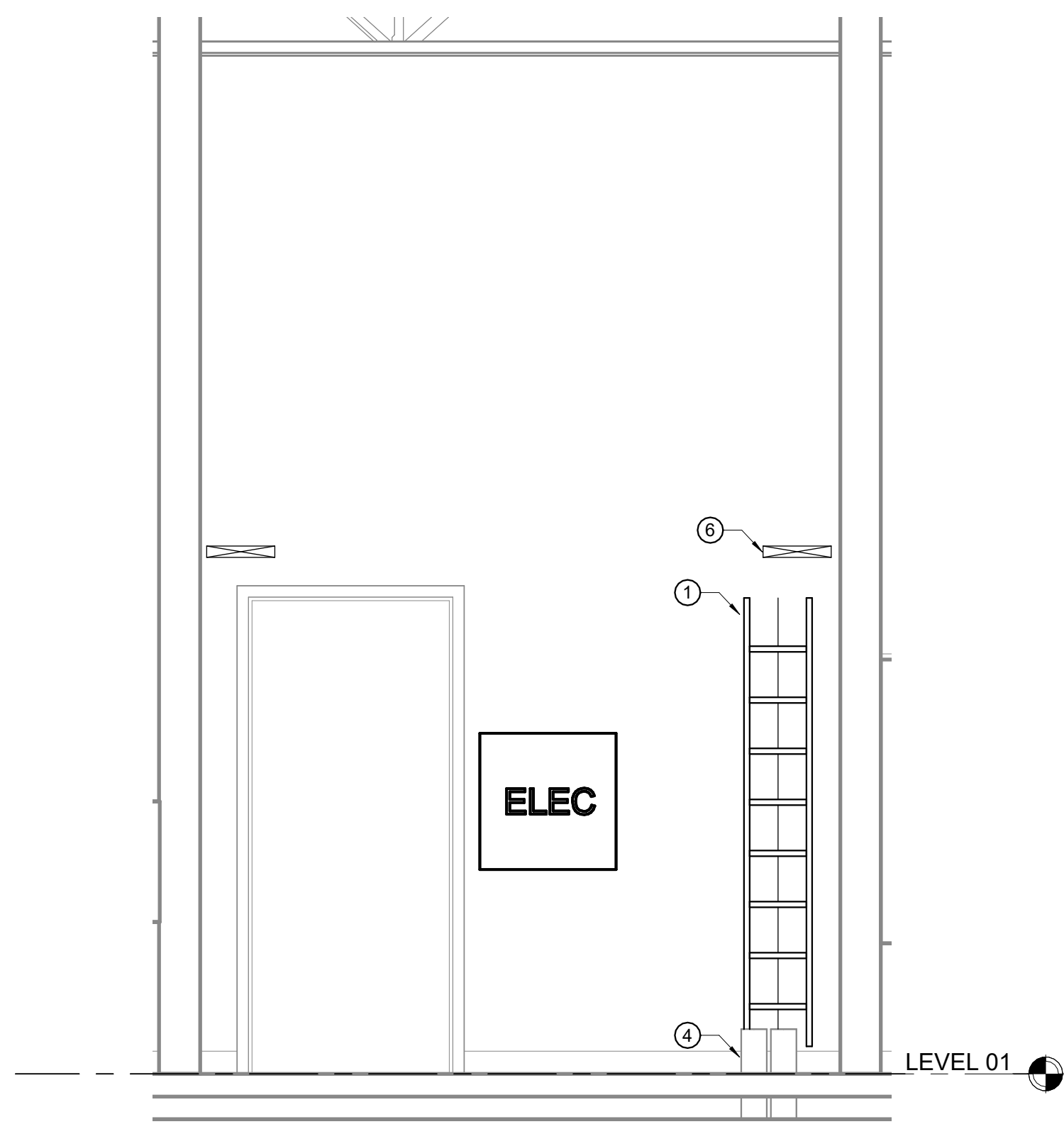
- A. DEMO ALL TENANT PARTNER CONDUITS EXCEPT THOSE IDENTIFIED TO REMAIN. DEMO ALL TELECOM EQUIPMENT, CABLING, AND INFRASTRUCTURE.
- B. PROVIDE (2) MAXCELL 3 CELL FABRIC INNERDUCT, TYPICAL OF EACH 4" CONDUIT PROVIDED IN PHASE 1B. INSTALL PER MANUFACTURERS INSTRUCTIONS. INNERDUCT TO LAY FLAT WITHIN CONDUIT, TYPICAL.
- C. PAINT ALL INTERIOR PLYWOOD WHITE. FIRE RATED STAMP MUST BE UNPAINTED AND VISIBLE.
- D. REPAIR DRYWALL AND REPLACE MISSING PLYWOOD ON SIDE A WALL. REFER TO DETAIL 7.

#### SHEET KEYED NOTES

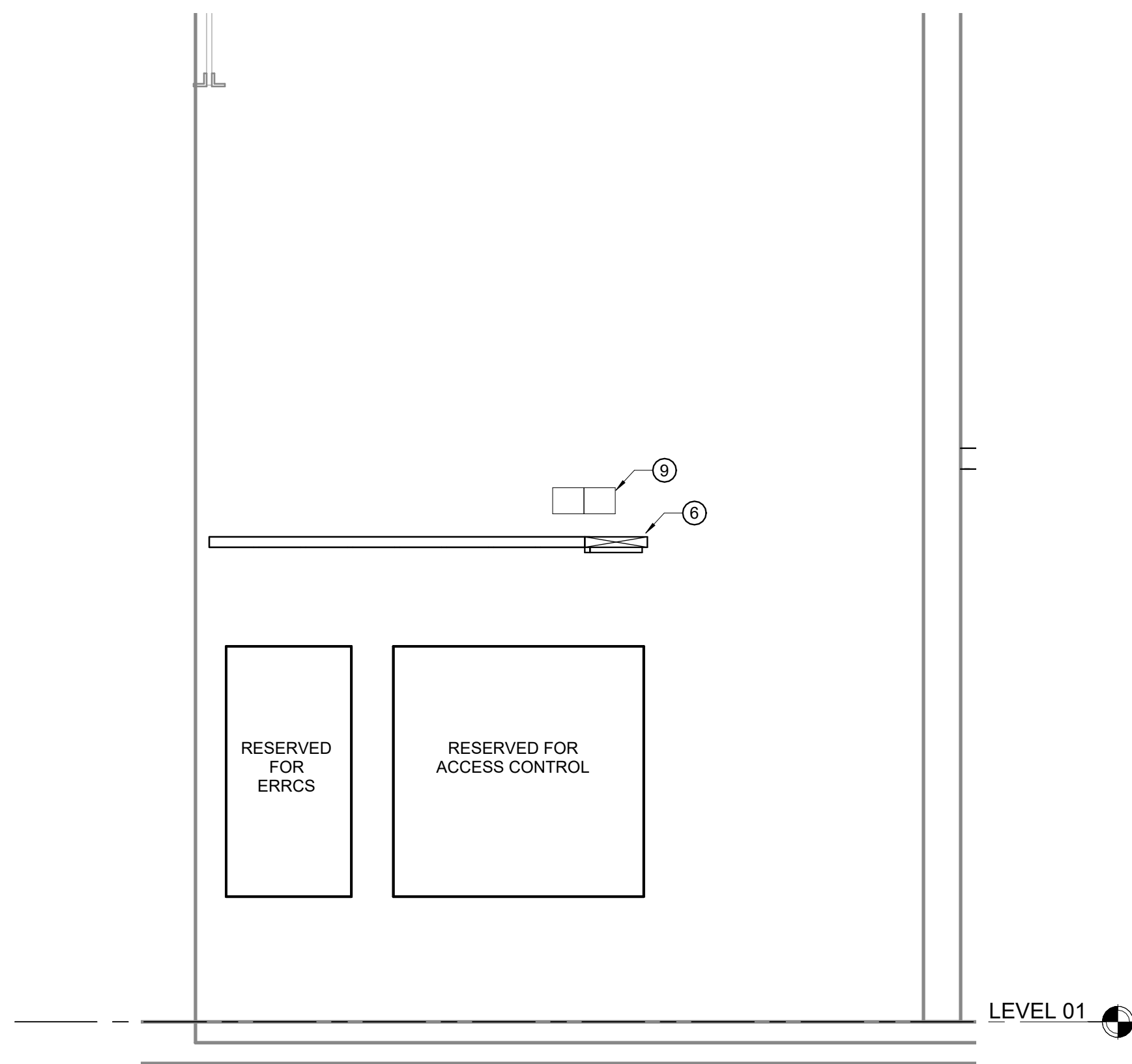
- ① VERTICAL CABLE PATHWAY. UTILIZE 12" LADDER RACK WITH APPROPRIATE STAND-OFFS.
- ② TELECOMMUNICATIONS GROUNDING BUS BAR
- ③ (2) 4" CONDUITS TO TR G-101
- ④ (2) 4" CONDUITS TO FIELD HOUSE, PROVIDED BY PHASE 1A.
- ⑤ (1) EXISTING 3" CONDUIT TO REMAIN.
- ⑥ 12" x 2" LADDER RACK. PROVIDE RADIUS DROPS INTO VERTICAL WIRE MANAGERS.
- ⑦ 10" VERTICAL WIRE MANAGER, CPI PART #30162-703.
- ⑧ RELAY EQUIPMENT RACK, 19" x 7", CPI PART NUMBER 66353-703.
- ⑨ THRU WALL SLEEVE SYSTEM. MINIMUM (1) EZ-PATH MULTI-GANG WALL BRACKET ST1 PART #EZPS4W WITH (2) PATHWAY ASSEMBLIES ST1 PART #EZD4S2. EQUIP EACH PATHWAY ASSEMBLY WITH (1) RADIUS CONTROL MODULE ST1 PART #EZRCM4S ON THE TR SIDE.



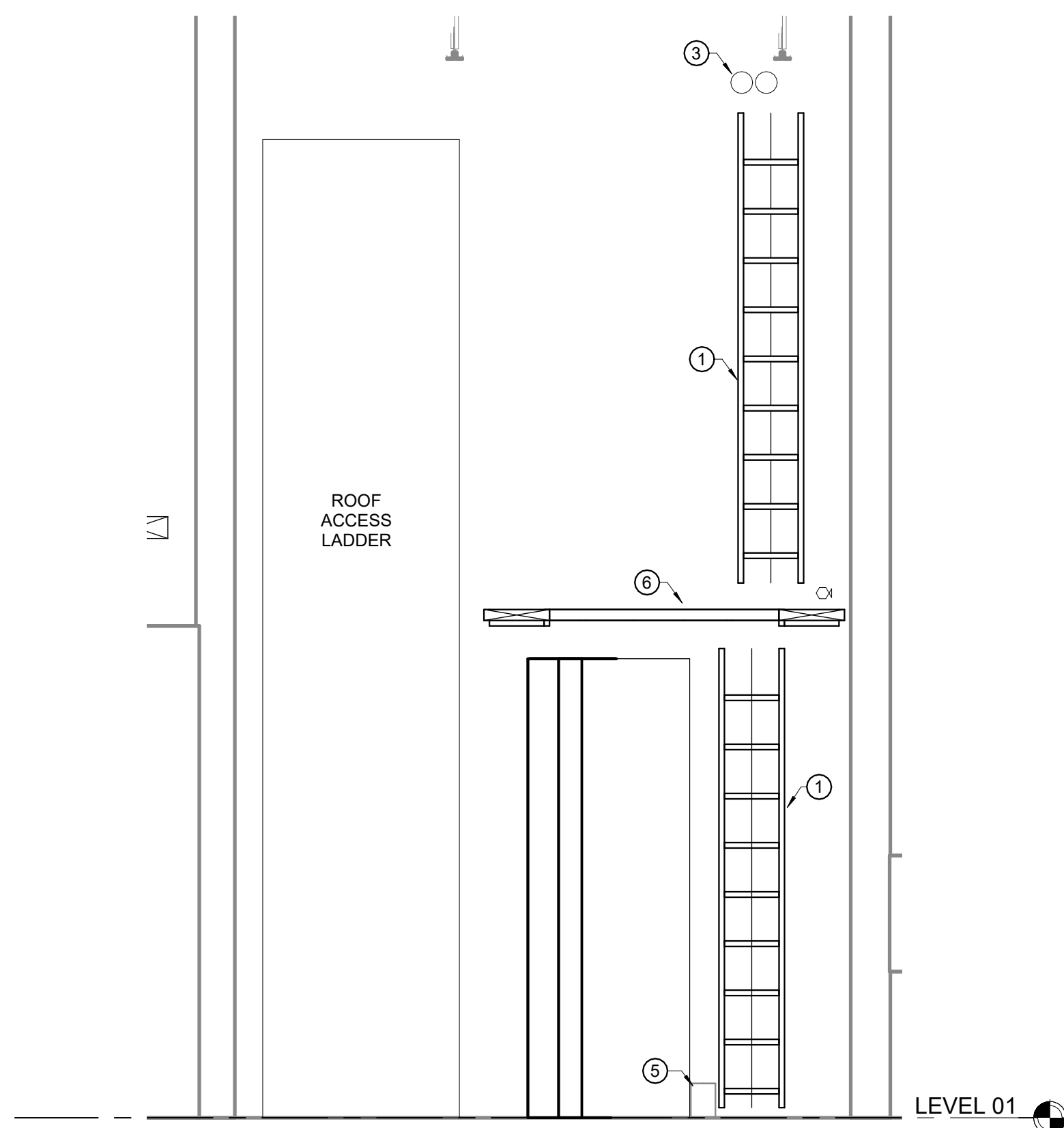
7 DRYWALL AND PLYWOOD REPAIR



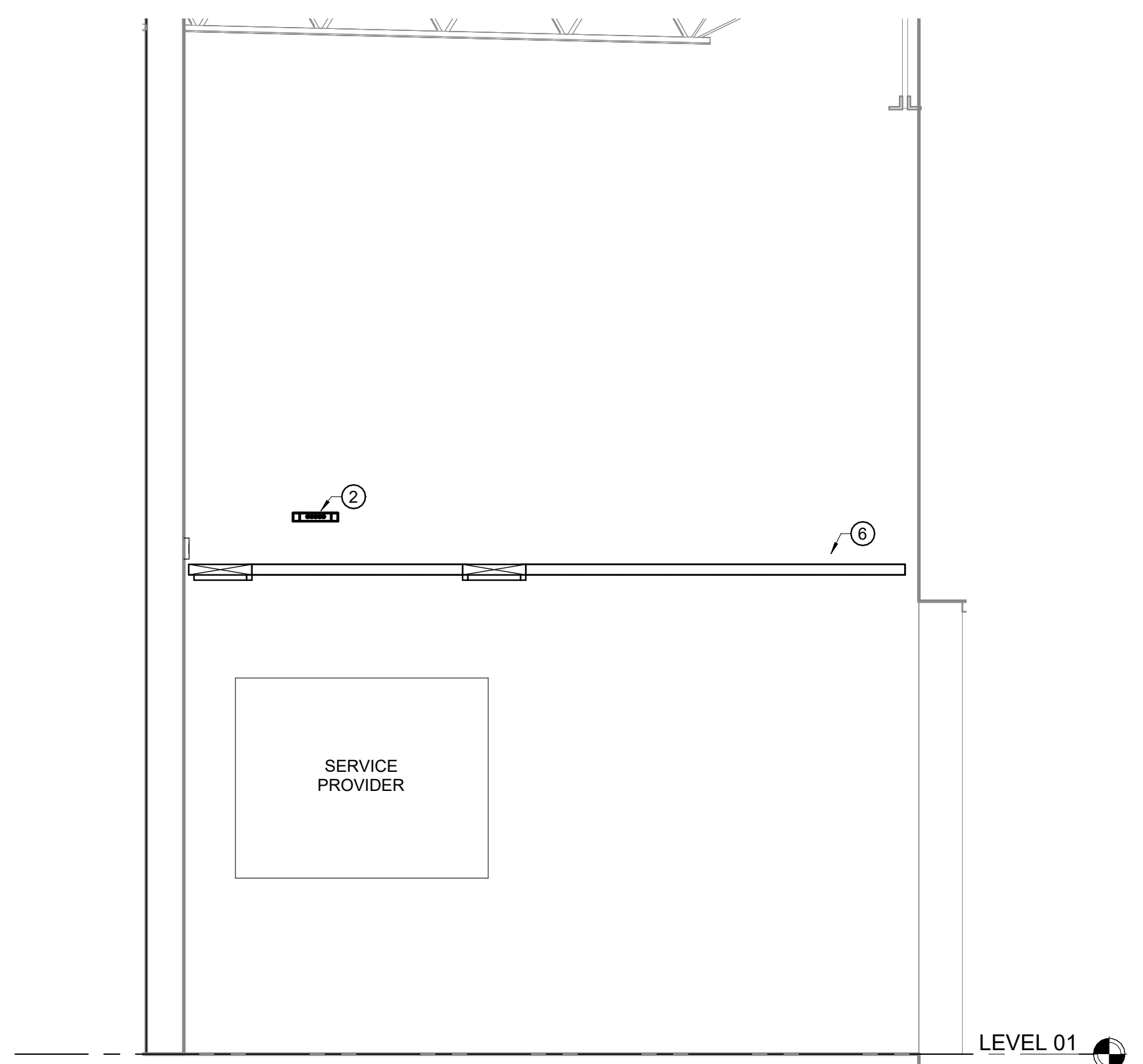
3 TR B-107 - WALL A ELEVATION  
1/2" = 1'-0"



4 TR B-107 - WALL B ELEVATION  
1/2" = 1'-0"



5 TR B-107 - WALL C ELEVATION  
1/2" = 1'-0"



6 TR B-107 - WALL D ELEVATION  
1/2" = 1'-0"

## Perkins&Will

The Wigley Building  
410 North Michigan Ave.  
Suite 1500  
Chicago, IL 60611  
1.312.755.0770  
1.312.755.0775  
www.perkinswill.com

#### CONSULTANTS

STRAND ASSOCIATES  
629 WASHINGTON ST.  
COLUMBUS, IN 47201  
STRUCTURAL  
SSR, INC.  
2995 SIDCO DR.  
NASHVILLE, TN 37204  
MEP  
SSR, INC.  
2995 SIDCO DR.  
NASHVILLE, TN 37204  
LANDSCAPING  
MKSK  
200 S MERIDIAN ST.  
INDIANAPOLIS, IN 46225

#### OWNER

CITY OF COLUMBUS  
123 WASHINGTON ST.  
COLUMBUS, IN 47201  
FACILITY  
FAIR OAKS MALL  
2380 20TH ST.  
COLUMBUS, IN 47201  
CONTRACTOR  
TAYLOR BROS. CONSTRUCTION CO., INC.  
4555 MIDDLE RD.  
COLUMBUS, IN 47203

#### PROJECT

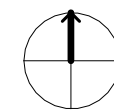
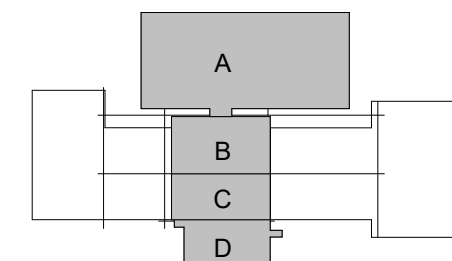
#### NEXUSPARK



#### City of Columbus

123 WASHINGTON ST.  
COLUMBUS, IN 47201

#### KEYPLAN



#### ISSUE CHART

| NO. | DESCRIPTION                        | DATE      |
|-----|------------------------------------|-----------|
| 1   | FOR PROPOSAL - ENABLING & PHASE 1A | 3/18/2022 |
| 2   | ISSUE                              | 3/18/2022 |
| 3   | REVISION                           | 3/18/2022 |

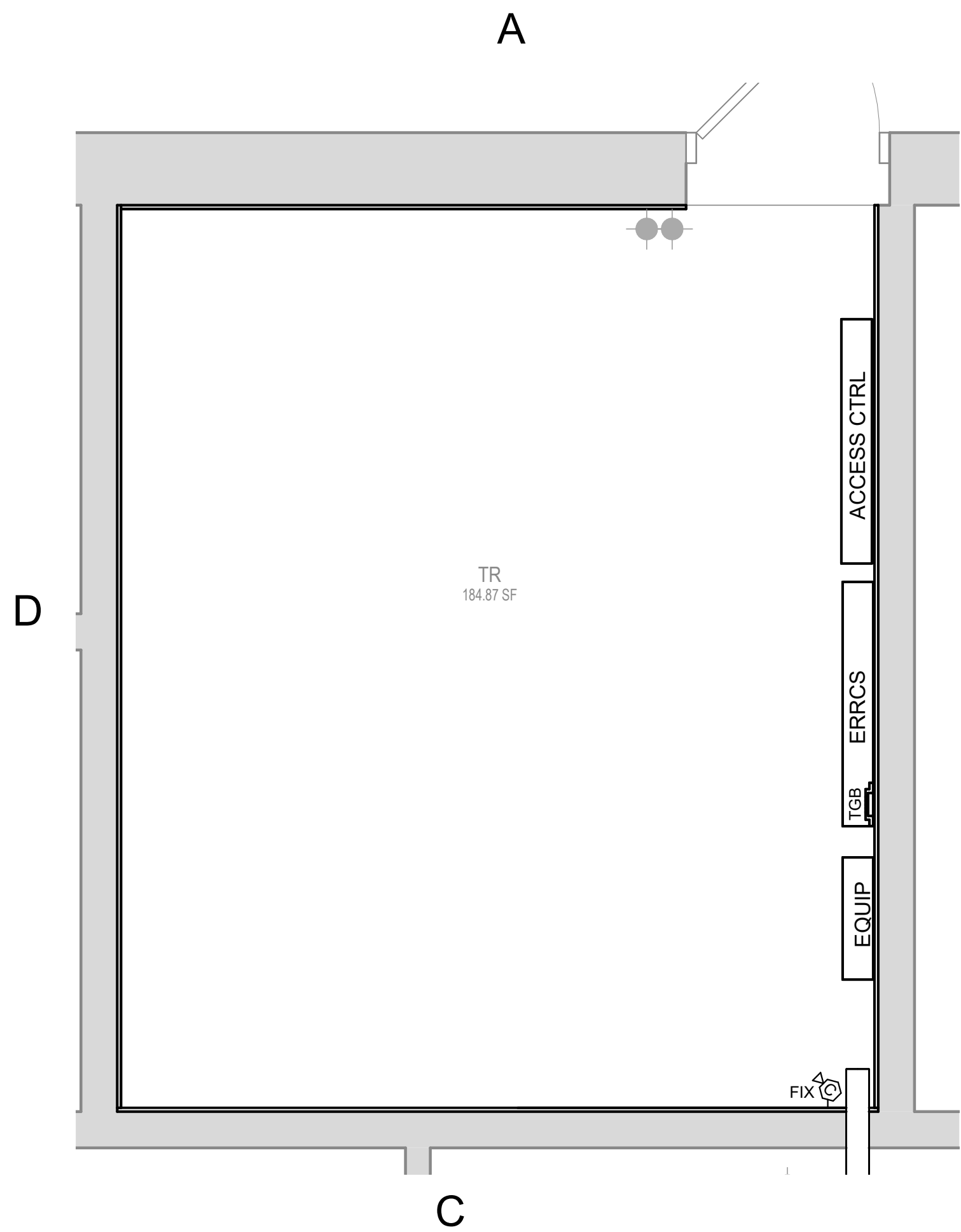
Job Number 023650.000  
TITLE

#### LARGE SCALE COMM ROOMS - PHASE 1B

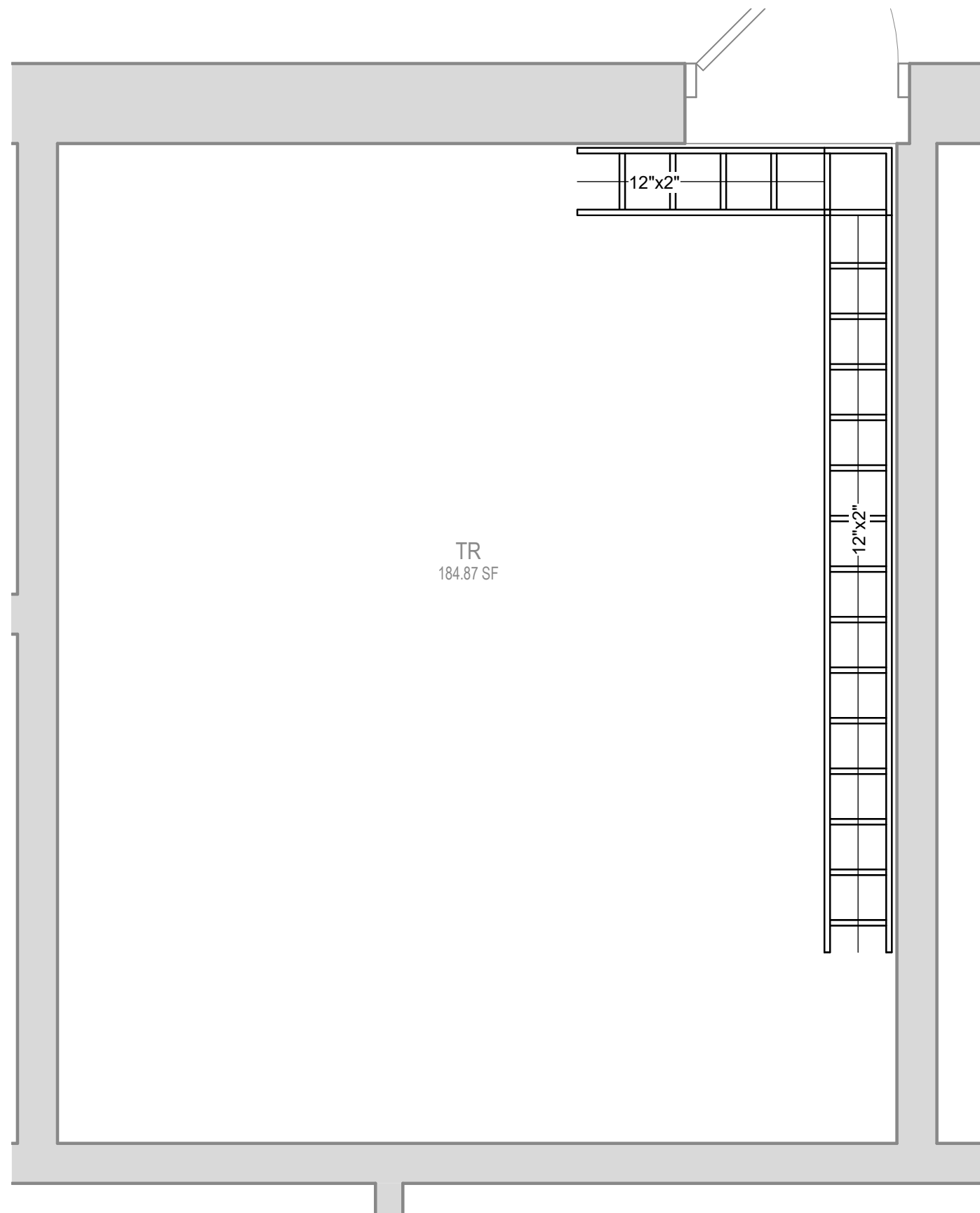
#### SHEET NUMBER

T40-20





1 TR AREA B - LARGE SCALE LAYOUT  
1/2" = 1'-0"



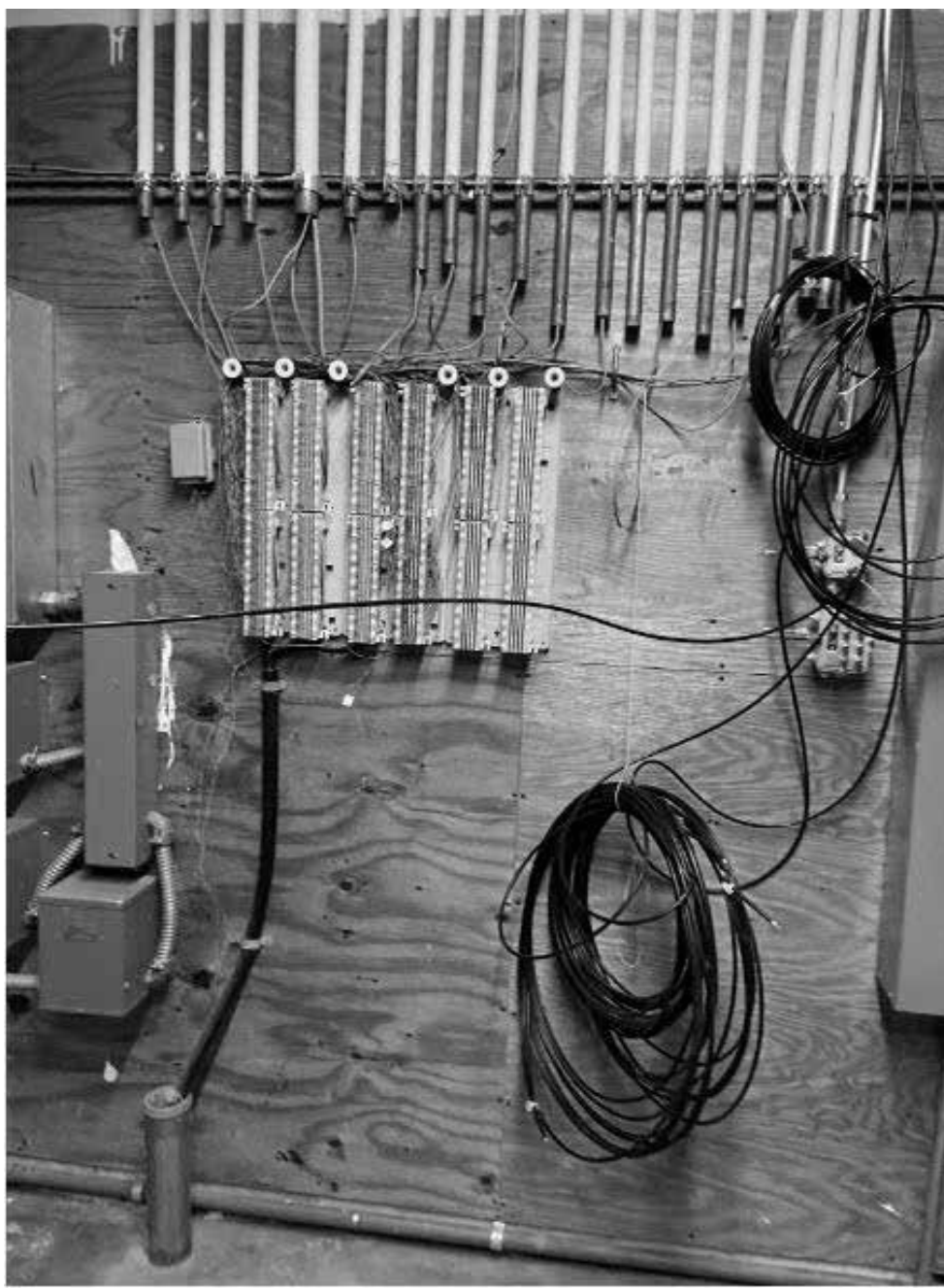
2 TR AREA B - LADDER RACK LAYOUT  
1/2" = 1'-0"

#### SHEET GENERAL NOTES

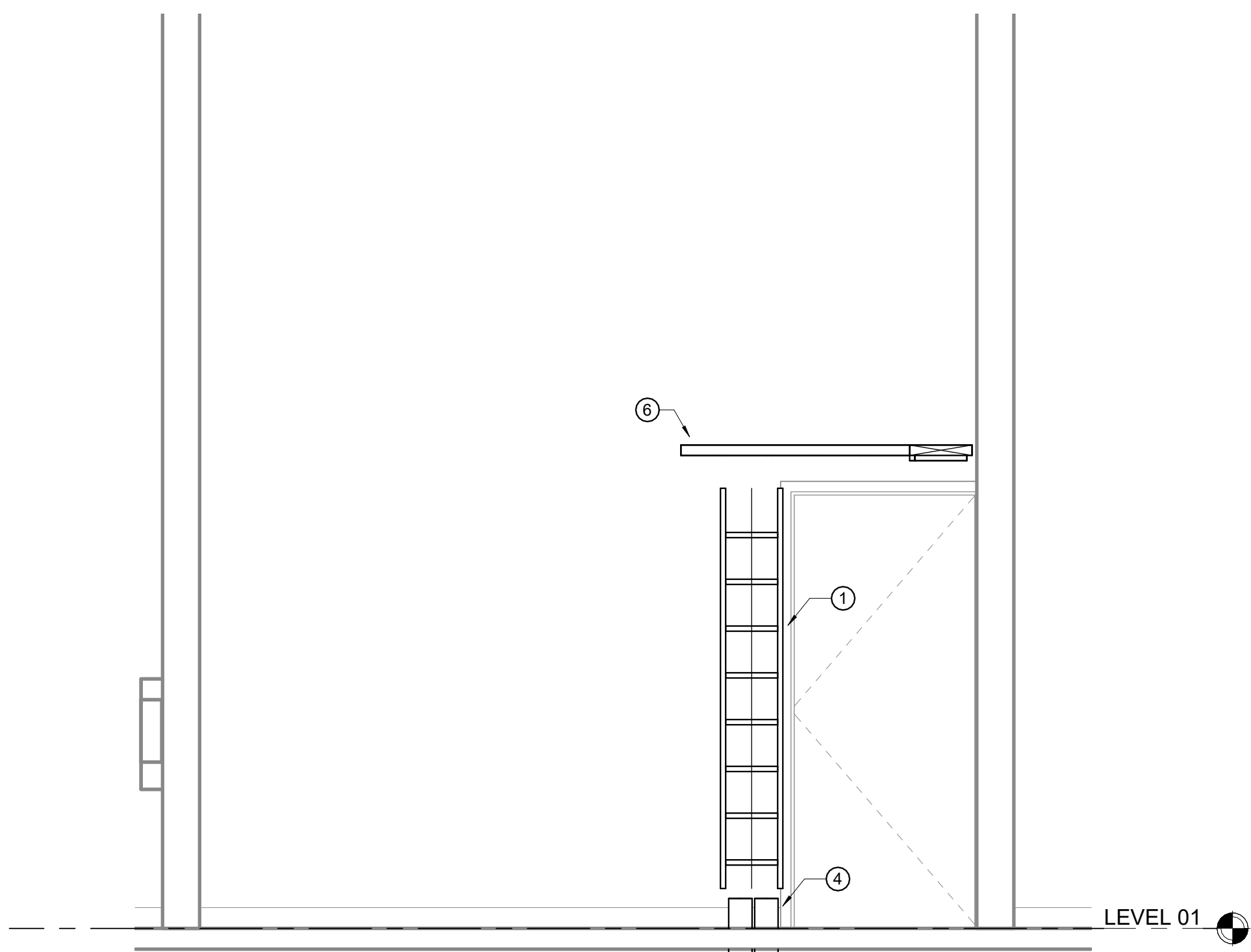
- A. EXISTING TENANT CONNECTIONS TO REMAIN. DEMO ABANDON TELECOM EQUIPMENT, CABLING, AND INFRASTRUCTURE.
- B. PROVIDE (3) MAXCELL 3 CELL FABRIC INNERDUCT, TYPICAL OF EACH 4" CONDUIT PROVIDED IN PHASE 1B. INSTALL PER MANUFACTURERS INSTRUCTIONS. INNERDUCT TO LAY FLAT WITHIN CONDUIT, TYPICAL.
- C. PAINT ALL INTERIOR PLYWOOD WHITE. FIRE RATED STAMP MUST BE UNPAINTED AND VISIBLE.
- D. MAINTAIN APPROPRIATE CLEARANCE FROM ELECTRICAL PANELS.

#### SHEET KEYED NOTES

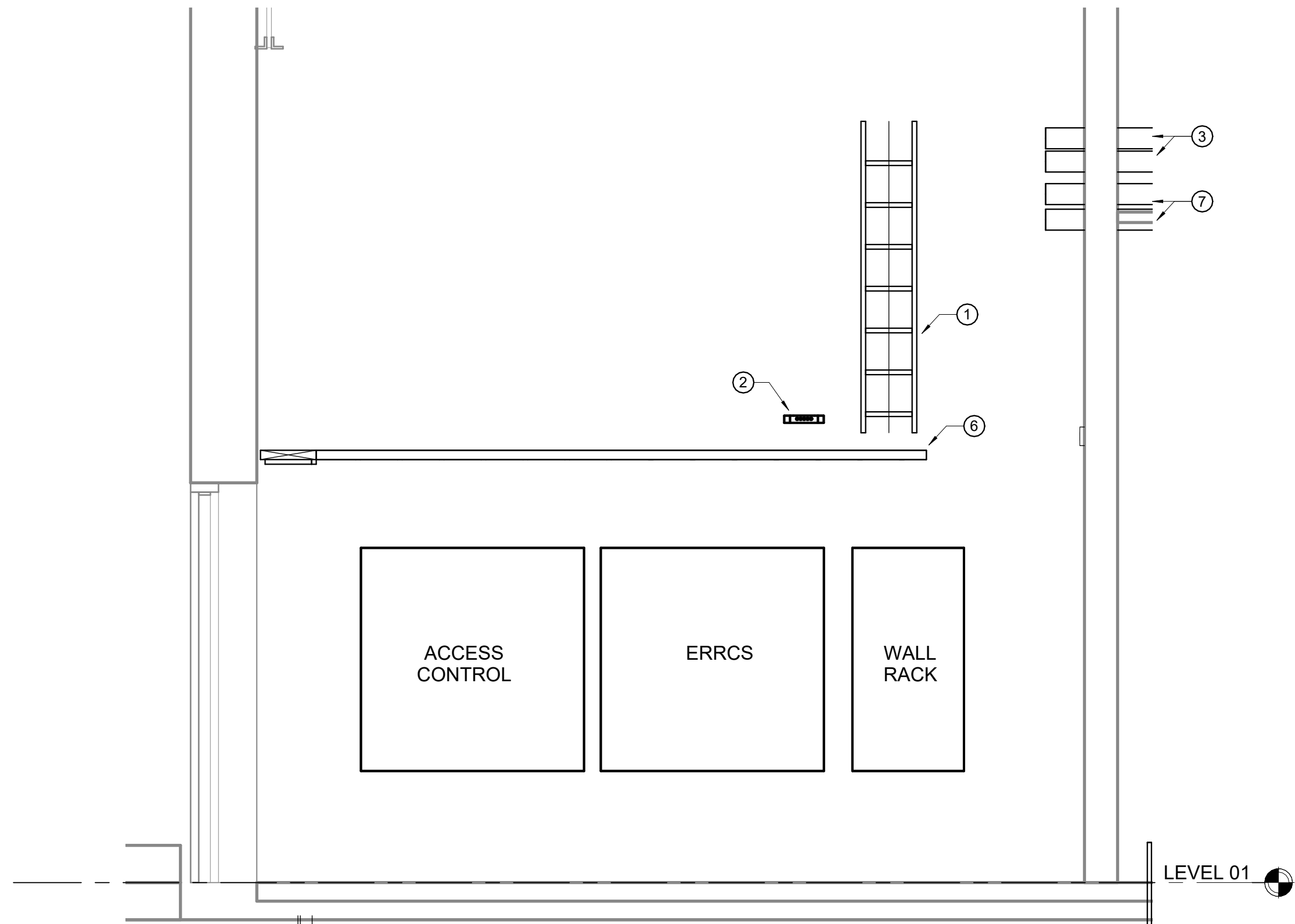
- ① VERTICAL CABLE PATHWAY. UTILIZE 12" LADDER RACK WITH APPROPRIATE STAND-OFFS.
- ② TELECOMMUNICATIONS GROUNDING BUS BAR
- ③ (2) 4" CONDUITS TO EF-TR E-120C
- ④ (2) 4" CONDUITS TO FIELD HOUSE, PROVIDED BY PHASE 1A.
- ⑤ (1) EXISTING 3" CONDUIT AND CABLE TO REMAIN.
- ⑥ 12" x 2" LADDER RACK.
- ⑦ (2) 4" CONDUITS TO CABLE TRAY. RESERVED FOR HORIZONTAL CABLING.



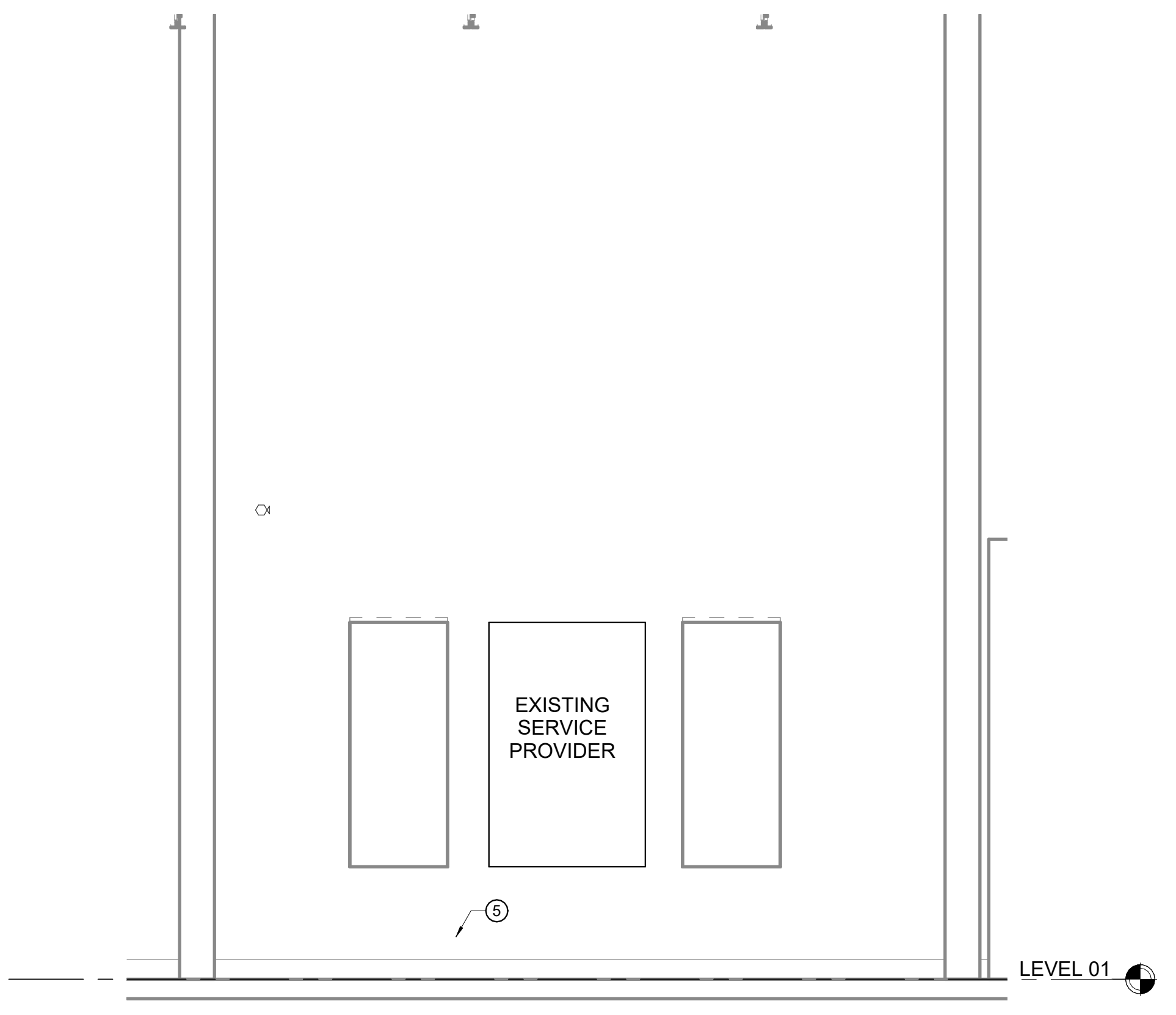
7 EXISTING TENANT TELECOM SERVICE PROVIDER CONDUITS AND CABLING



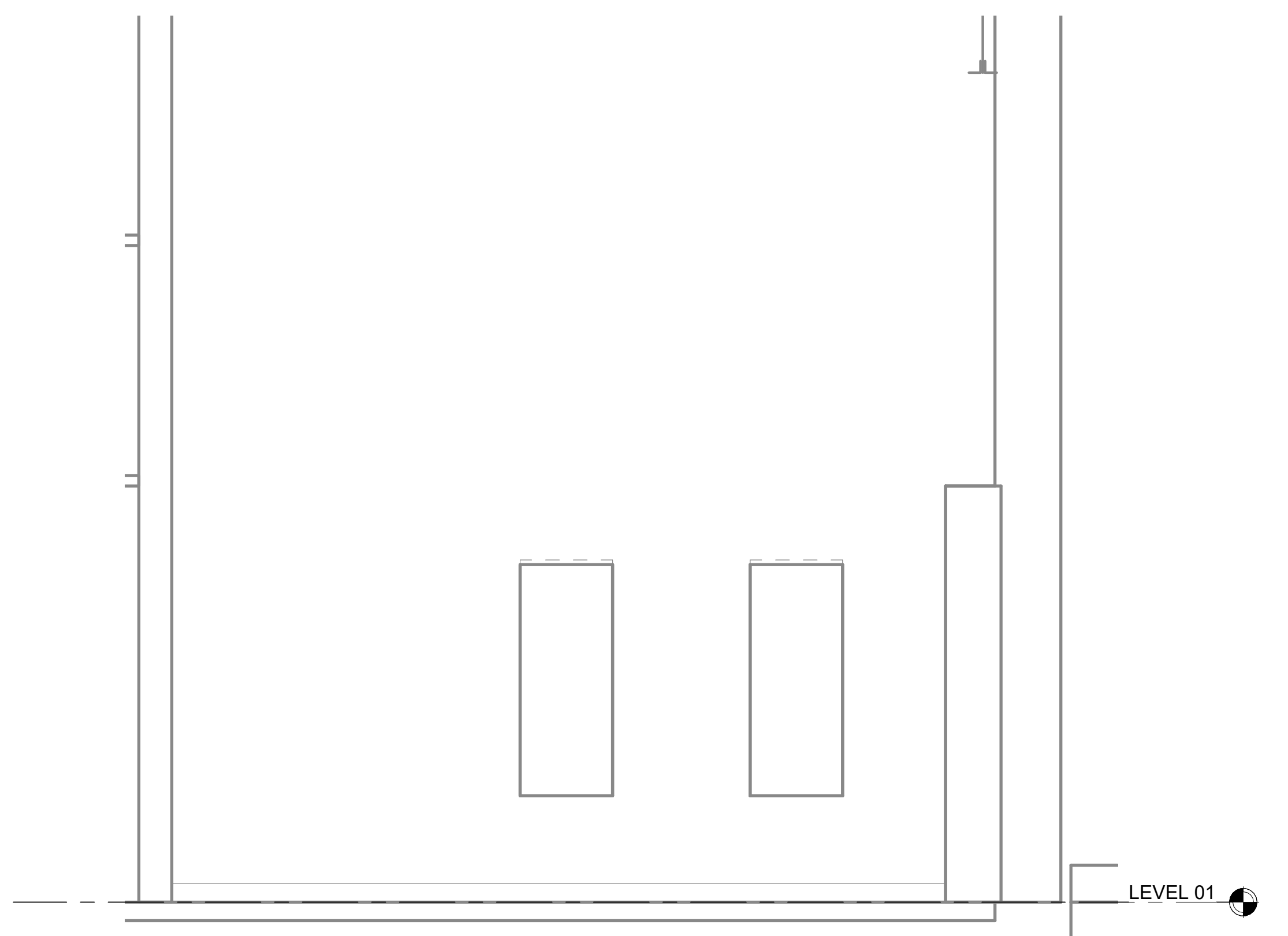
3 TR AREA B - WALL A ELEVATION  
1/2" = 1'-0"



4 TR AREA B - WALL B ELEVATION  
1/2" = 1'-0"



5 TR AREA B - WALL C ELEVATION  
1/2" = 1'-0"



6 TR AREA B - WALL D ELEVATION  
1/2" = 1'-0"

## Perkins&Will

The Wigley Building  
410 North Michigan Ave.  
Suite 1500  
Chicago, IL 60611  
1.312.755.0770  
1.312.755.0775  
www.perkinswill.com

#### CONSULTANTS

STRAND ASSOCIATES  
628 WASHINGTON ST.  
COLUMBUS, IN 47201

SSR, INC.  
2985 SIDCO DR.  
NASHVILLE, TN 37204

SSR, INC.  
2985 SIDCO DR.  
NASHVILLE, TN 37204

MKS  
200 S MERIDIAN ST.  
INDIANAPOLIS, IN 46225

OWNER  
CITY OF COLUMBUS  
123 WASHINGTON ST.  
COLUMBUS, IN 47201  
FACILITY  
FAIR OAKS MALL  
2080 20TH ST.  
COLUMBUS, IN 47201  
CONTRACTOR  
TAYLOR BROS. CONSTRUCTION CO., INC.  
4555 MIDDLE RD.  
COLUMBUS, IN 47203

#### PROJECT

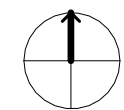
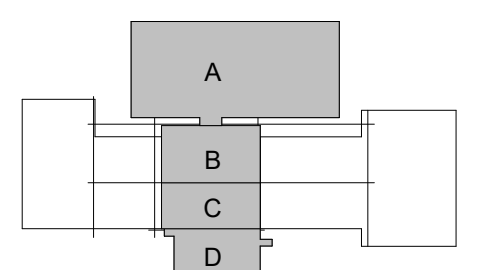
#### NEXUSPARK



#### City of Columbus

123 WASHINGTON ST.  
COLUMBUS, IN 47201

#### KEYPLAN



#### ISSUE CHART

| DATE      | DESCRIPTION                        | BY           |
|-----------|------------------------------------|--------------|
| 3/18/2022 | FOR PROPOSAL - ENABLING & PHASE 1A | PERKINS&WILL |

Job Number 023650.000  
TITLE

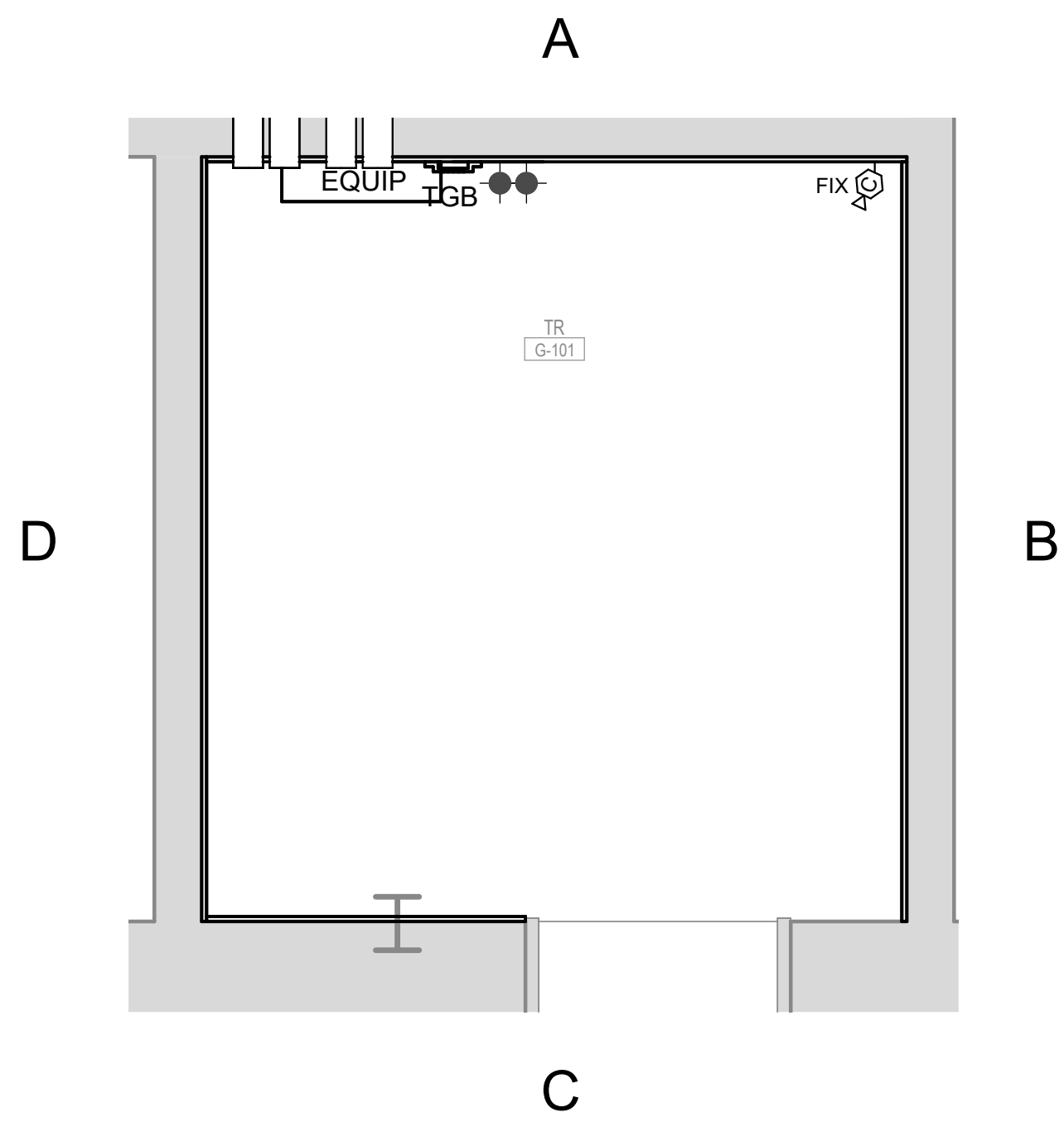
#### LARGE SCALE COMM ROOMS - PHASE 1B

#### SHEET NUMBER

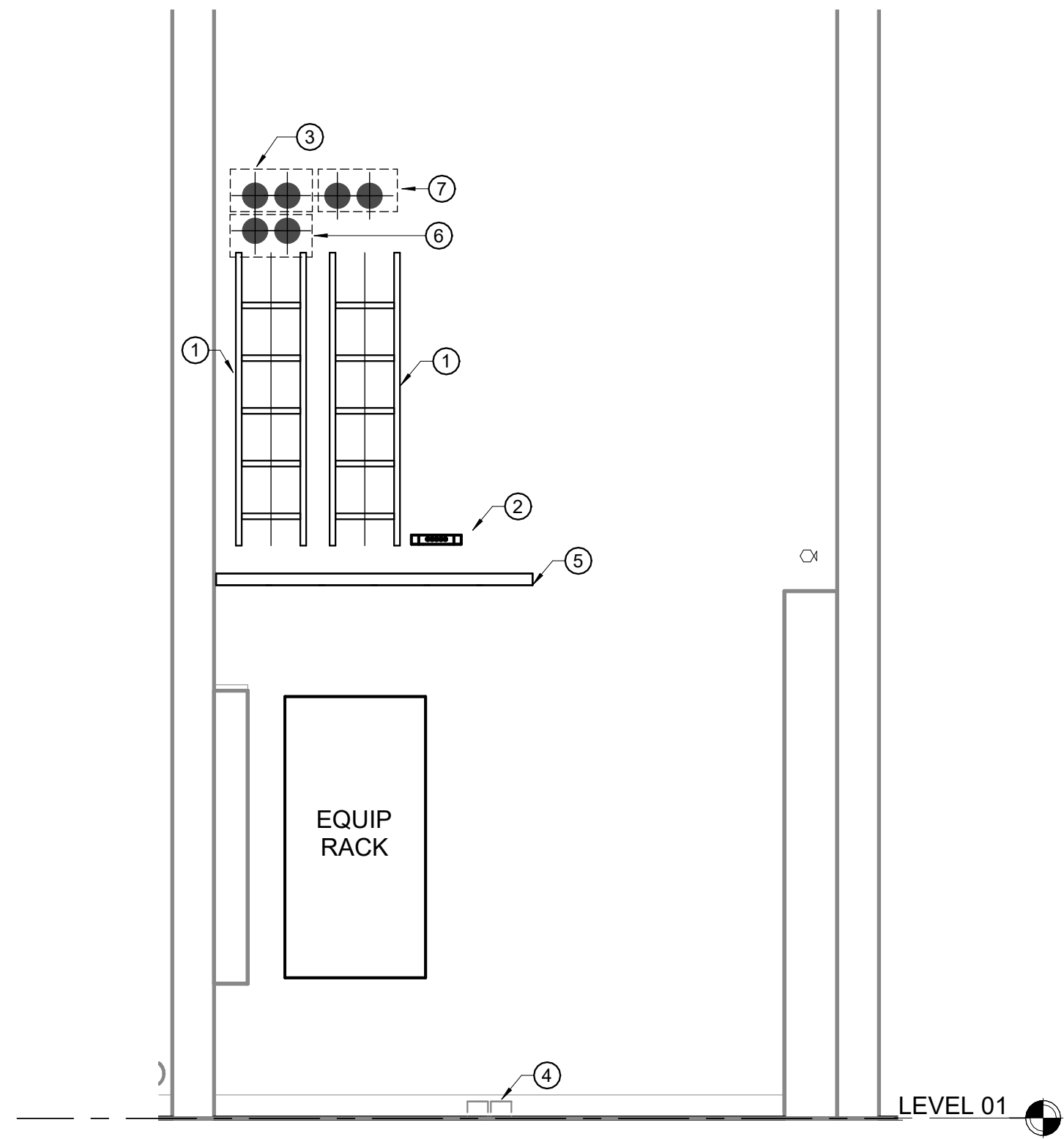
T40-21

© 2022 Perkins and Will

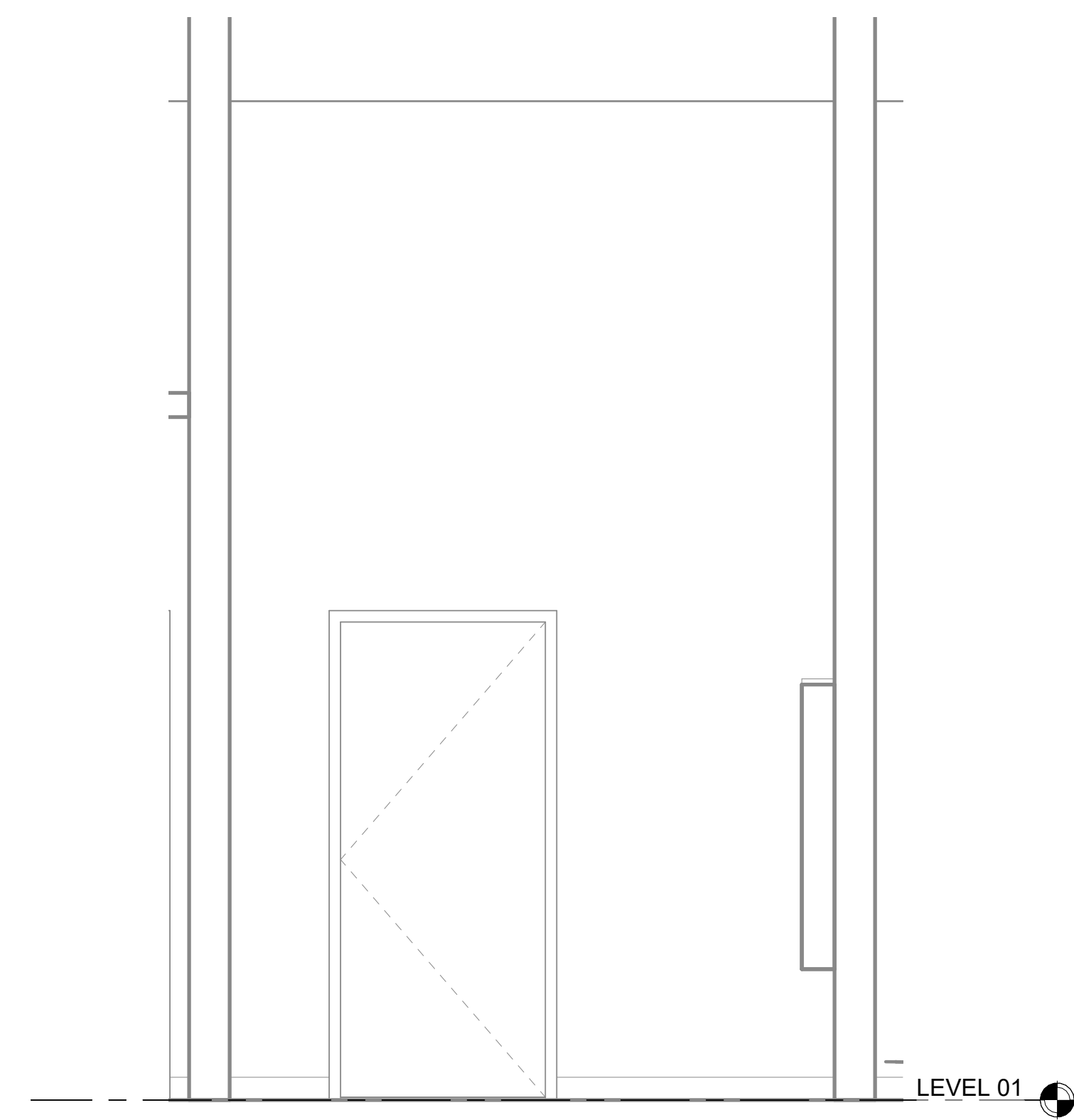




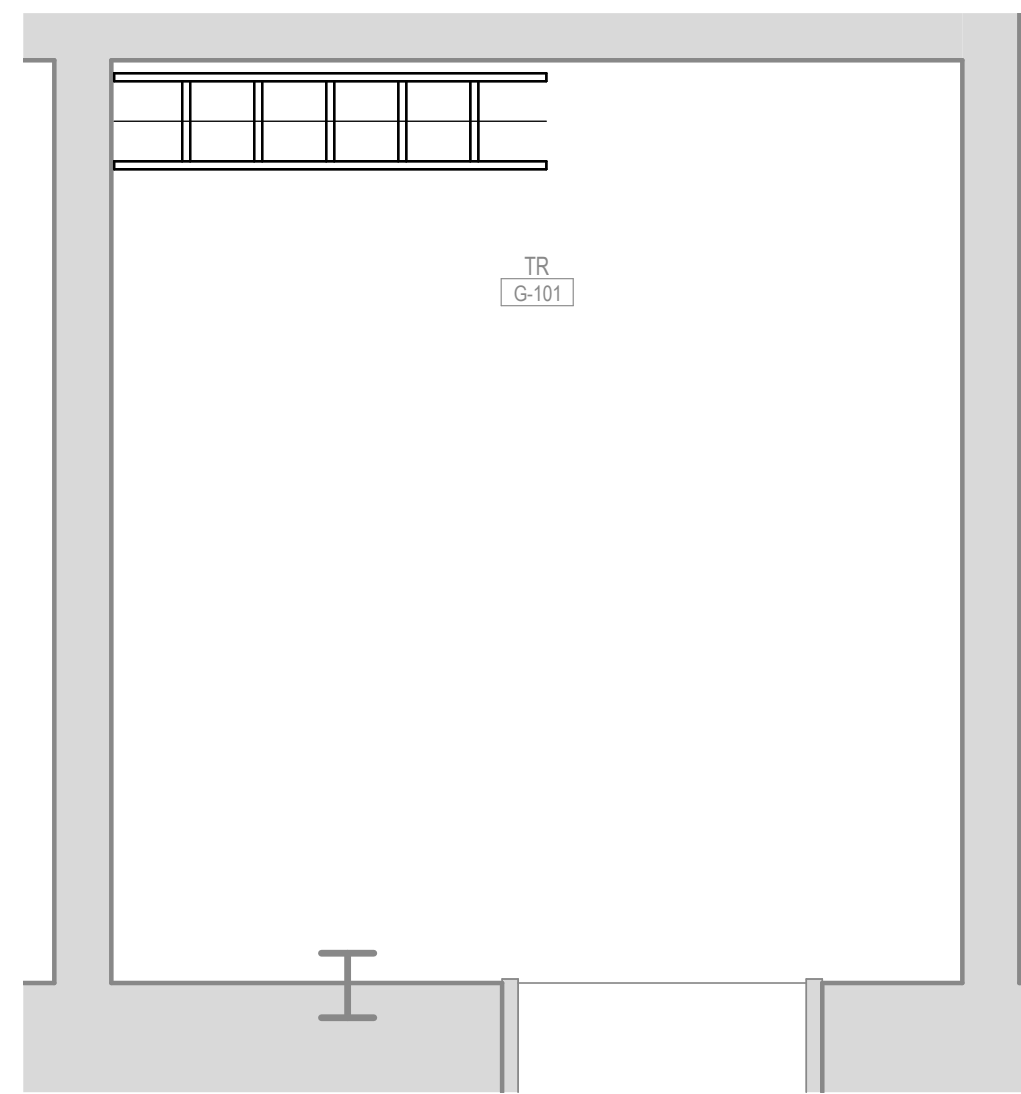
1 TR G-101 - LARGE SCALE LAYOUT  
1/2" = 1'-0"



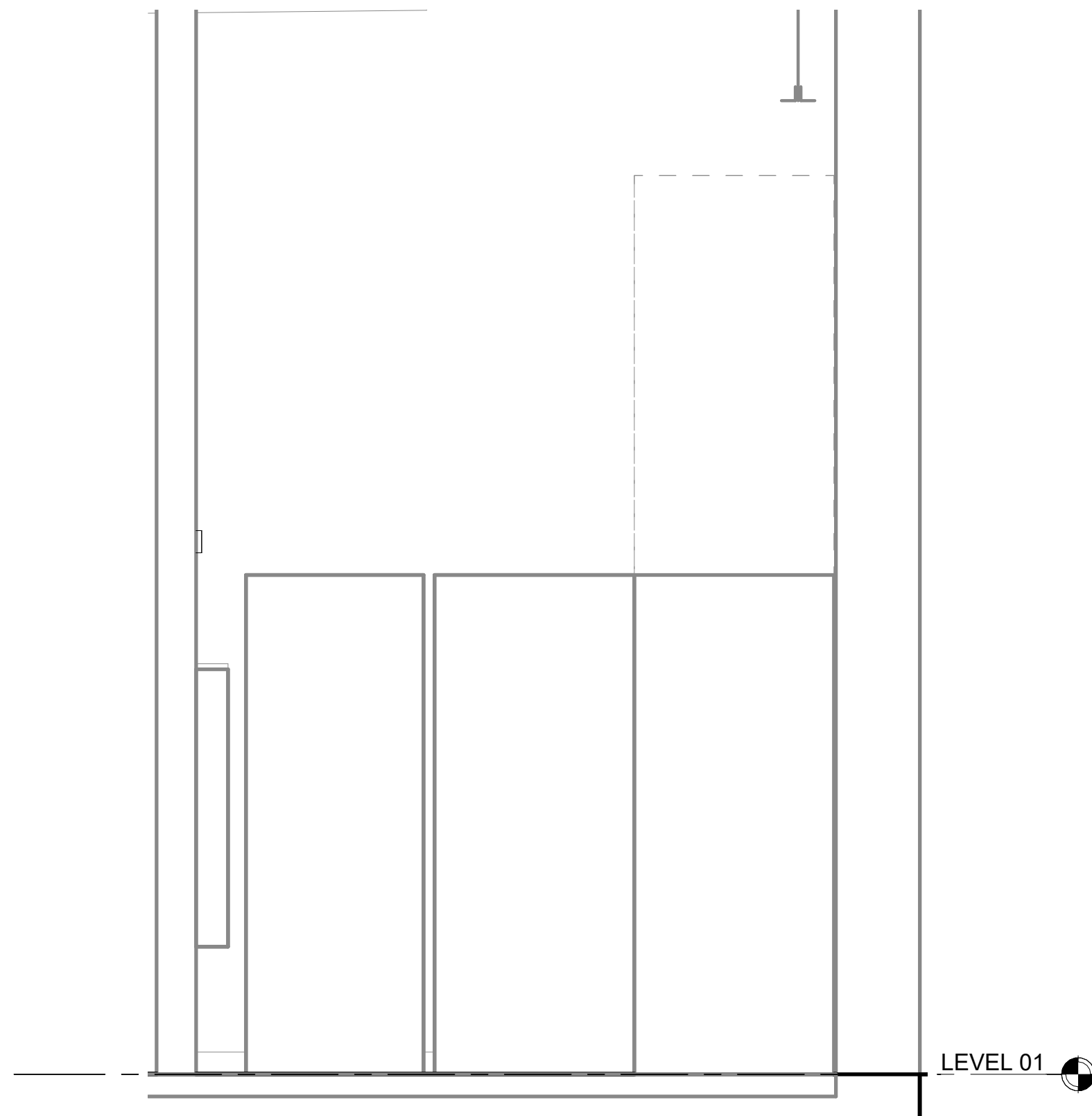
3 TR G-101 - WALL A ELEVATION  
1/2" = 1'-0"



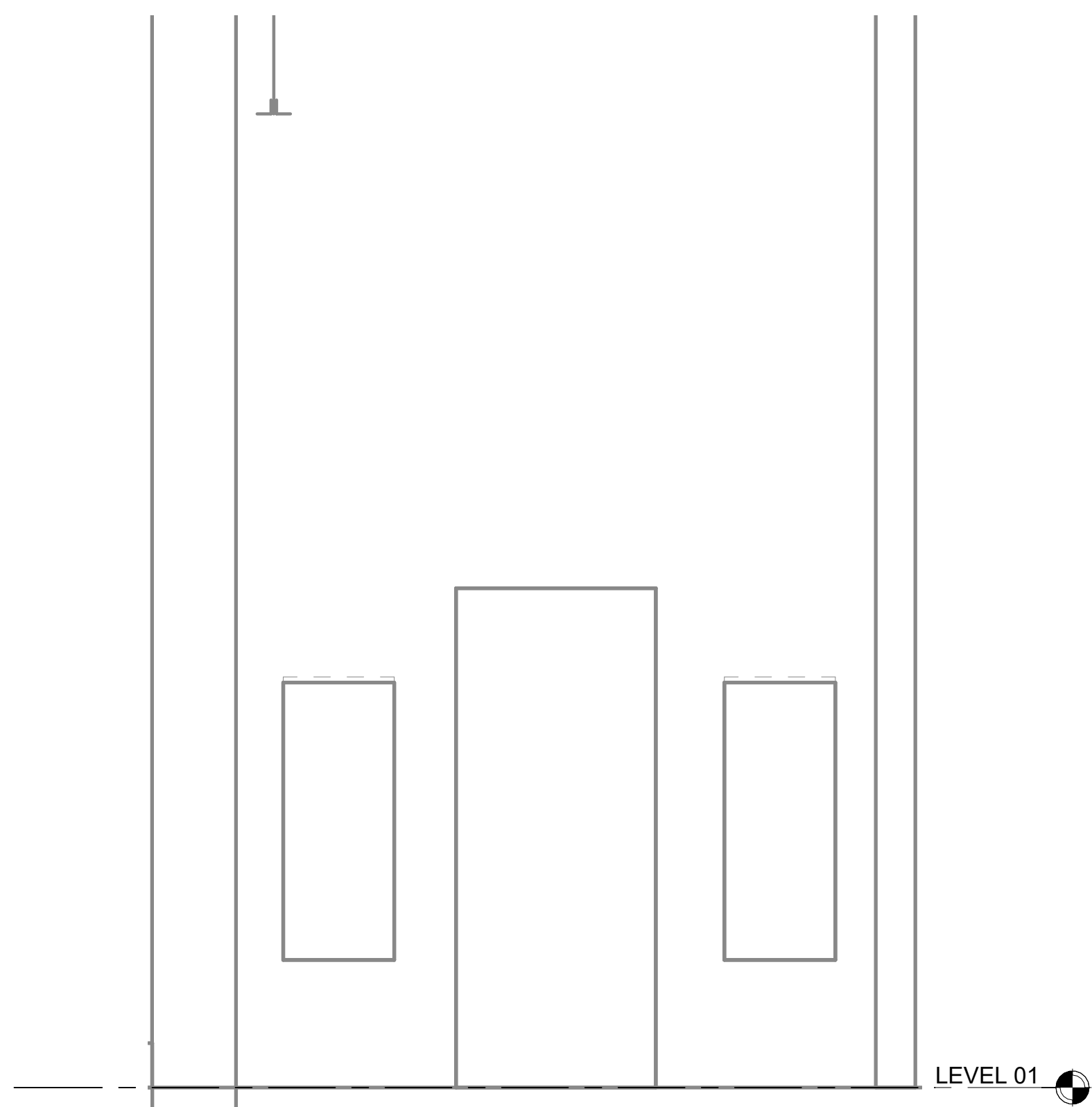
5 TR G-101 - WALL C ELEVATION  
1/2" = 1'-0"



2 TR G-101 - LADDER RACK LAYOUT  
1/2" = 1'-0"



4 TR G-101 - WALL B ELEVATION  
1/2" = 1'-0"



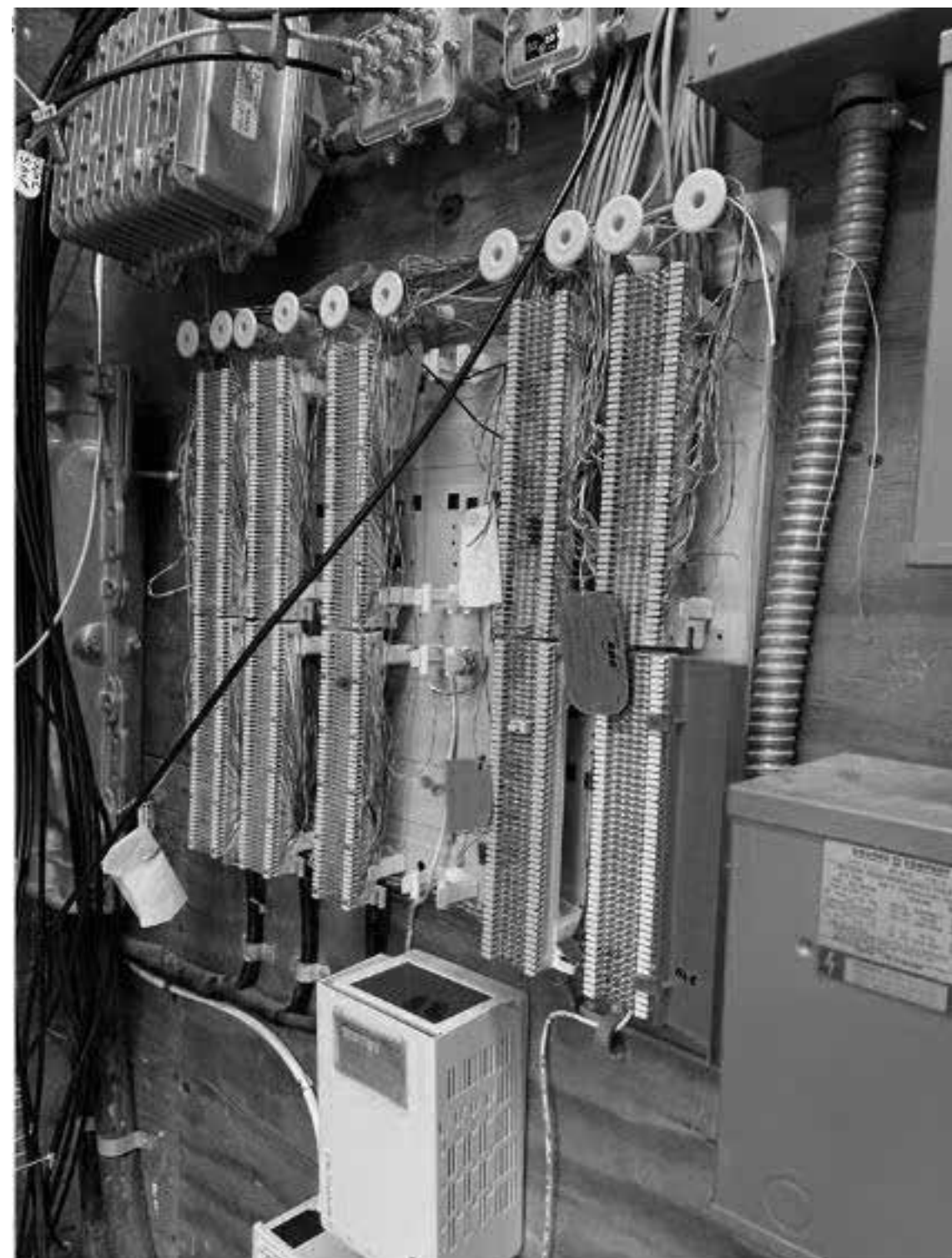
6 TR G-101 - WALL D ELEVATION  
1/2" = 1'-0"

## SHEET GENERAL NOTES

- A. DEMO ALL TENANT PARTNER CONDUITS EXCEPT THOSE IDENTIFIED TO REMAIN. DEMO ALL TELECOM EQUIPMENT, CABLING, AND INFRASTRUCTURE.
- B. PROVIDE (2) MAXCELL 3 CELL FABRIC INNERDUCT, TYPICAL OF EACH 4" CONDUIT PROVIDED IN PHASE 1B. INSTALL PER MANUFACTURERS INSTRUCTIONS. INNERDUCT TO LAY FLAT WITHIN CONDUIT, TYPICAL.
- C. PAINT ALL INTERIOR PLYWOOD WHITE. FIRE RATED STAMP MUST BE UNPAINTED AND VISIBLE.

## SHEET KEYED NOTES

- ① VERTICAL CABLE PATHWAY. UTILIZE 12" LADDER RACK WITH APPROPRIATE STAND-OFFS.
- ② TELECOMMUNICATIONS GROUNDING BUS BAR
- ③ (2) 4" CONDUITS TO TR B-107
- ④ (2) EXISTING 3" CONDUIT TO REMAIN.
- ⑤ 12" x 2" LADDER RACK.
- ⑥ (2) 4" CONDUITS TO ER-TR E-120C.
- ⑦ (2) 4" CONDUITS TO PARKS 163. RESERVED FOR HORIZONTAL CABLING



7 EXISTING TELECOM INFRASTRUCTURE TO BE DEMOLISHED

## Perkins&Will

The Wigley Building  
410 North Michigan Ave.  
Suite 1550  
Chicago, IL 60611  
1.312.755.0770  
1.312.755.0775  
www.perkinswill.com

### CONSULTANTS

CIVIL  
STRAND ASSOCIATES  
629 WASHINGTON ST.  
COLUMBUS, IN 47201

STRUCTURAL  
SSR, INC.  
2995 SIDCO DR.  
NASHVILLE, TN 37294

MEP  
SSR, INC.  
2995 SIDCO DR.  
NASHVILLE, TN 37294

LANDSCAPING  
MKSK  
200 S MERIDIAN ST.  
INDIANAPOLIS, IN 46225

### OWNER

CITY OF COLUMBUS  
123 WASHINGTON ST.  
COLUMBUS, IN 47201

### FACILITY

FAIR OAKS MALL  
2380 20TH ST.  
COLUMBUS, IN 47201

### CONTRACTOR

TAYLOR BROS. CONSTRUCTION CO., INC.  
4555 MIDDLE RD.  
COLUMBUS, IN 47203

### PROJECT

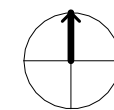
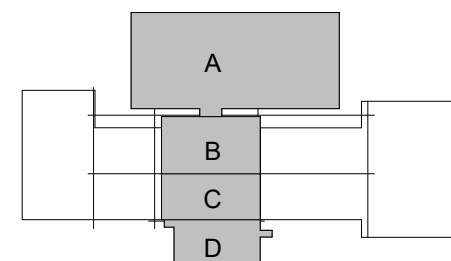
### NEXUSPARK



### City of Columbus

123 WASHINGTON ST.  
COLUMBUS, IN 47201

### KEYPLAN



### ISSUE CHART

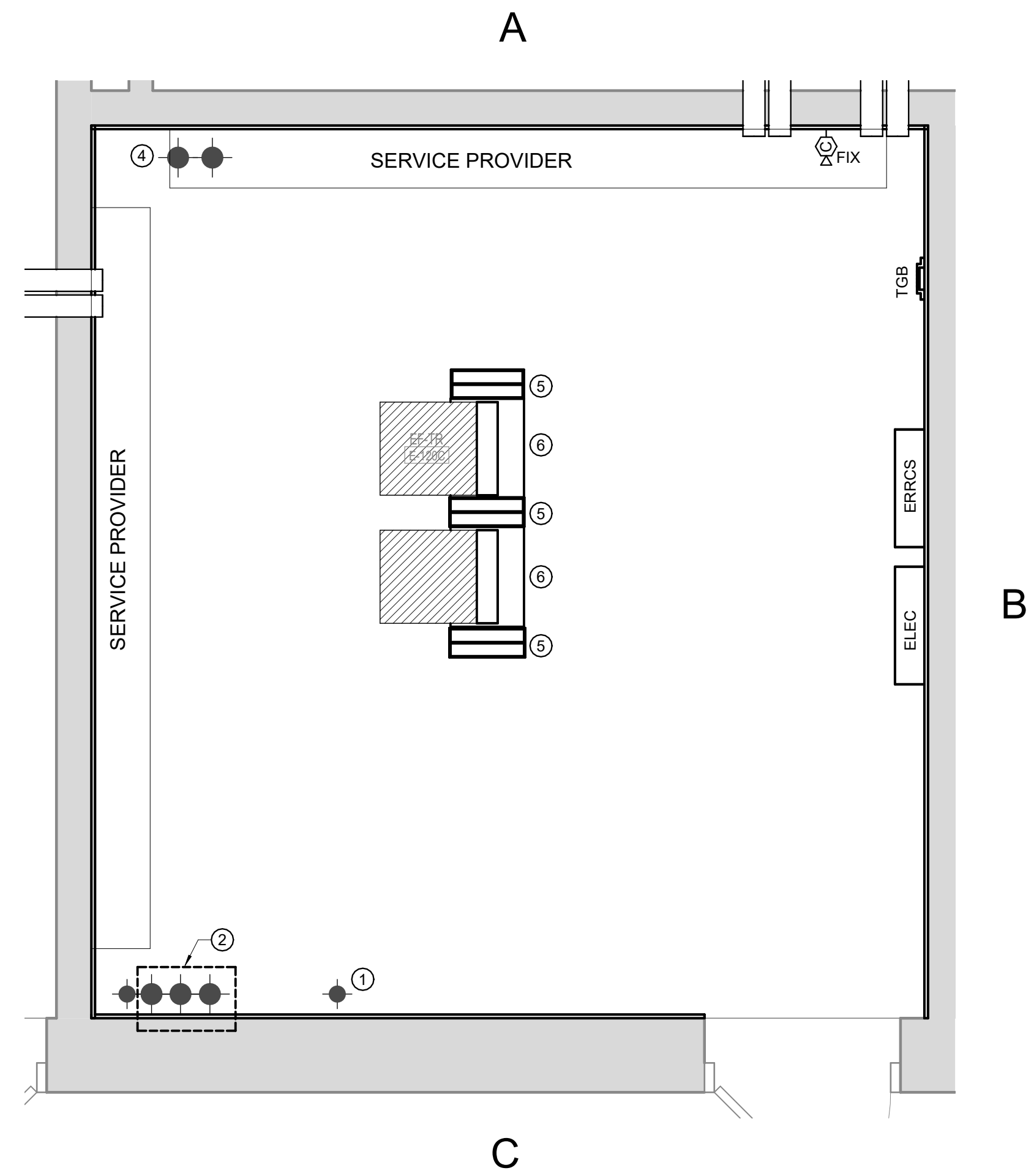
| FOR PROPOSAL - ENABLING & PH 1A | 3/18/2022  |
|---------------------------------|------------|
| DATE                            | TITLE      |
| Job Number                      | 023650.000 |
|                                 | TITLE      |

### LARGE SCALE COMM ROOMS - PHASE 1B

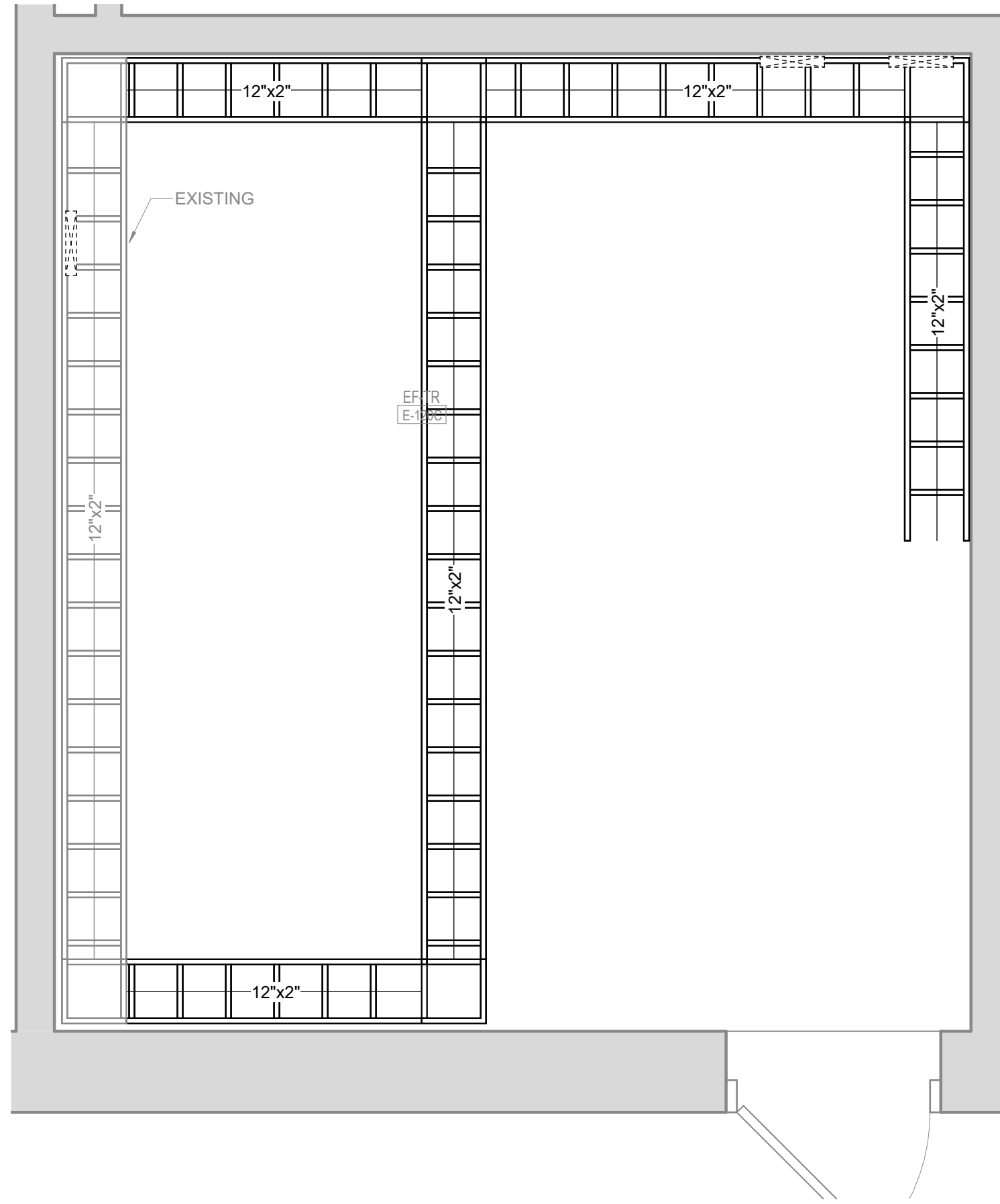
### SHEET NUMBER

T40-22





1 EF-TR E-120C - LARGE SCALE LAYOUT  
1/2" = 1'-0"



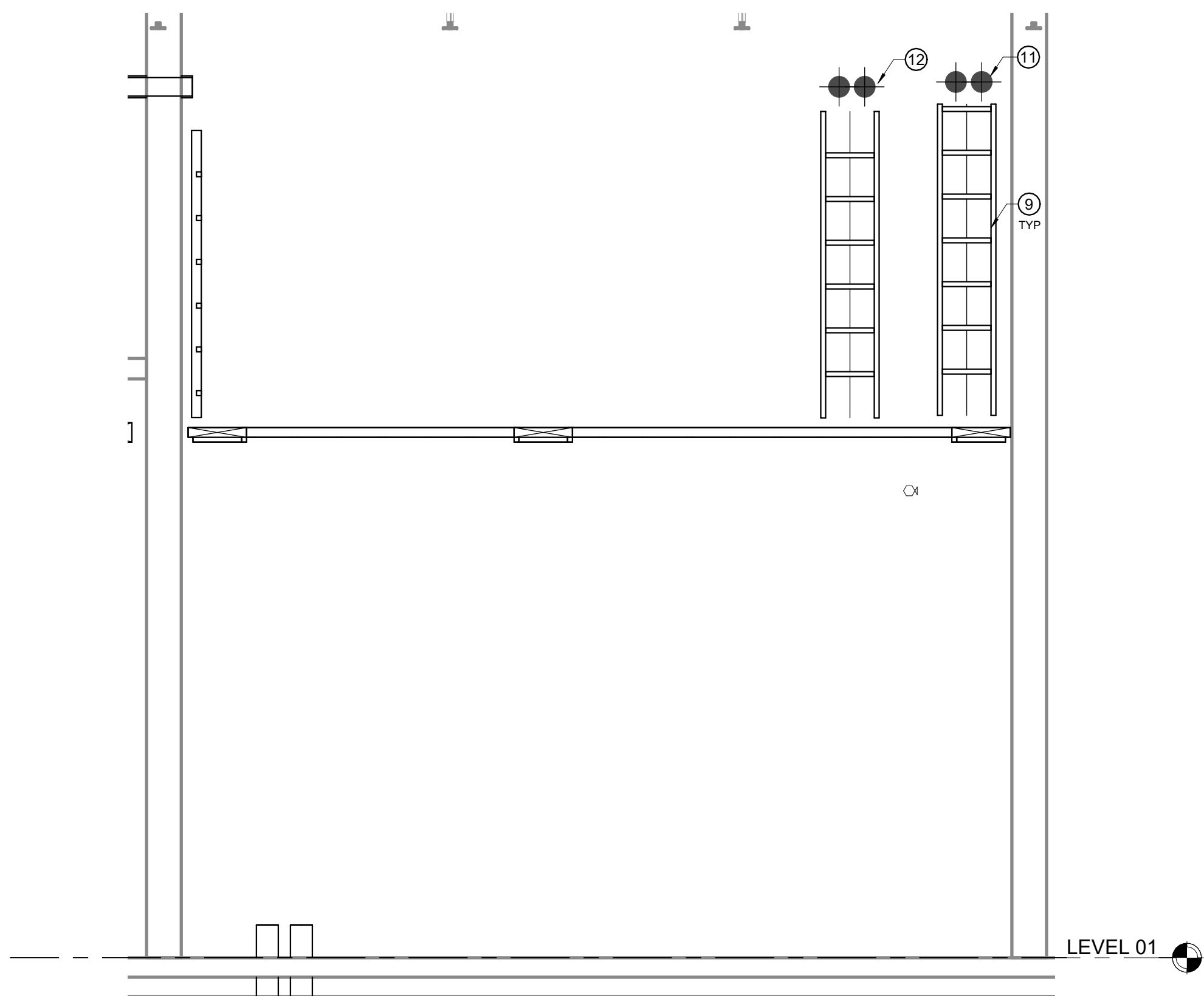
2 EF-TR E-120C - LADDER RACK LAYOUT  
1/2" = 1'-0"

#### SHEET GENERAL NOTES

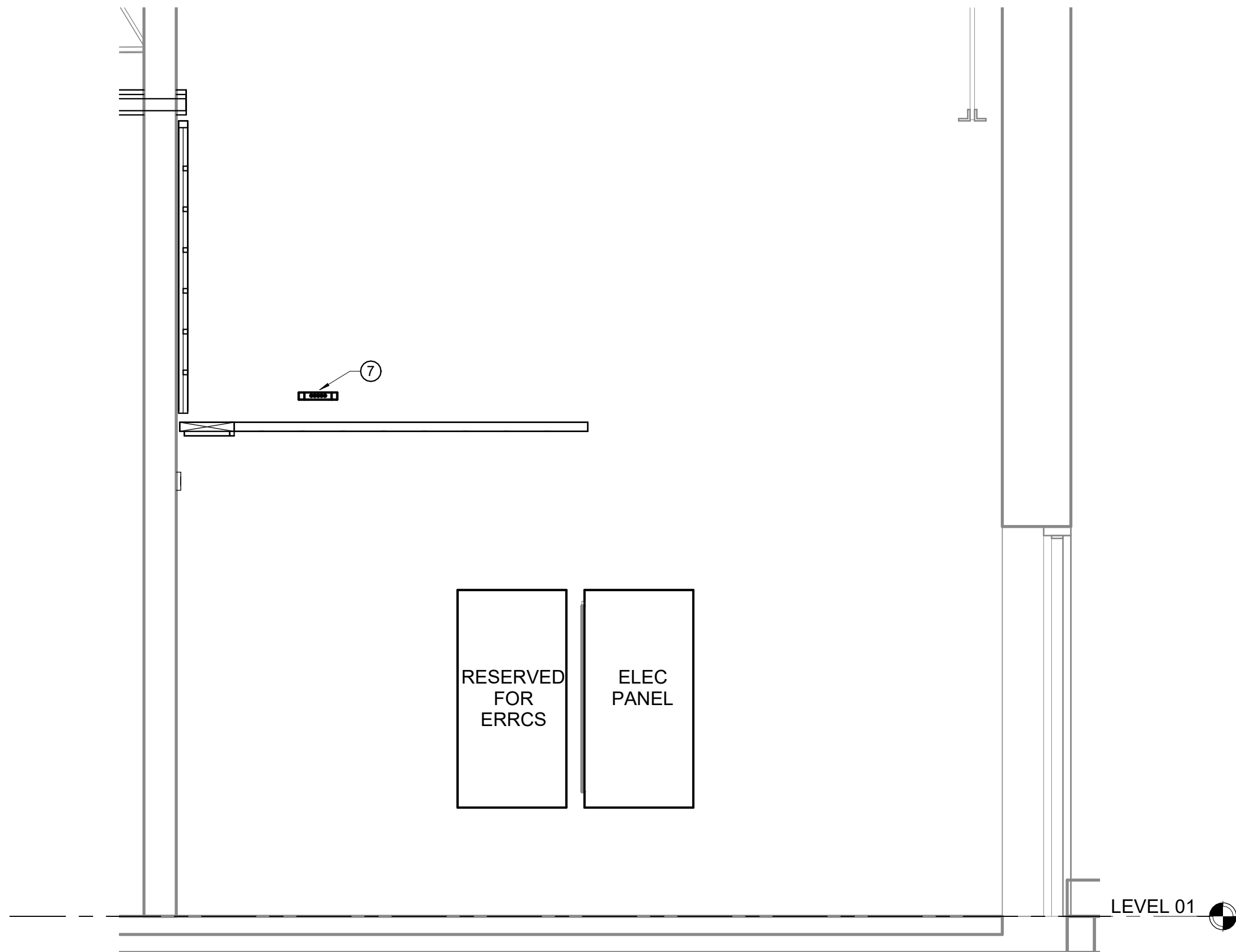
- A. EXISTING TENANT CONNECTIONS TO REMAIN. DEMO ABANDONED TELECOM EQUIPMENT, CABLING AND INFRASTRUCTURE...
- B. PROVIDE (3) MAXCELL 3 CELL FABRIC INNERDUCT, TYPICAL OF EACH 4" CONDUIT PROVIDED IN PHASE 1B. INSTALL PER MANUFACTURERS INSTRUCTIONS. INNERDUCT TO LAY FLAT WITHIN CONDUIT, TYPICAL.
- C. PAINT ALL INTERIOR PLYWOOD WHITE. FIRE RATED STAMP MUST BE UNPAINTED AND VISIBLE.
- D. MAINTAIN APPROPRIATE CLEARANCE FROM ELECTRICAL PANELS...

#### SHEET KEYED NOTES

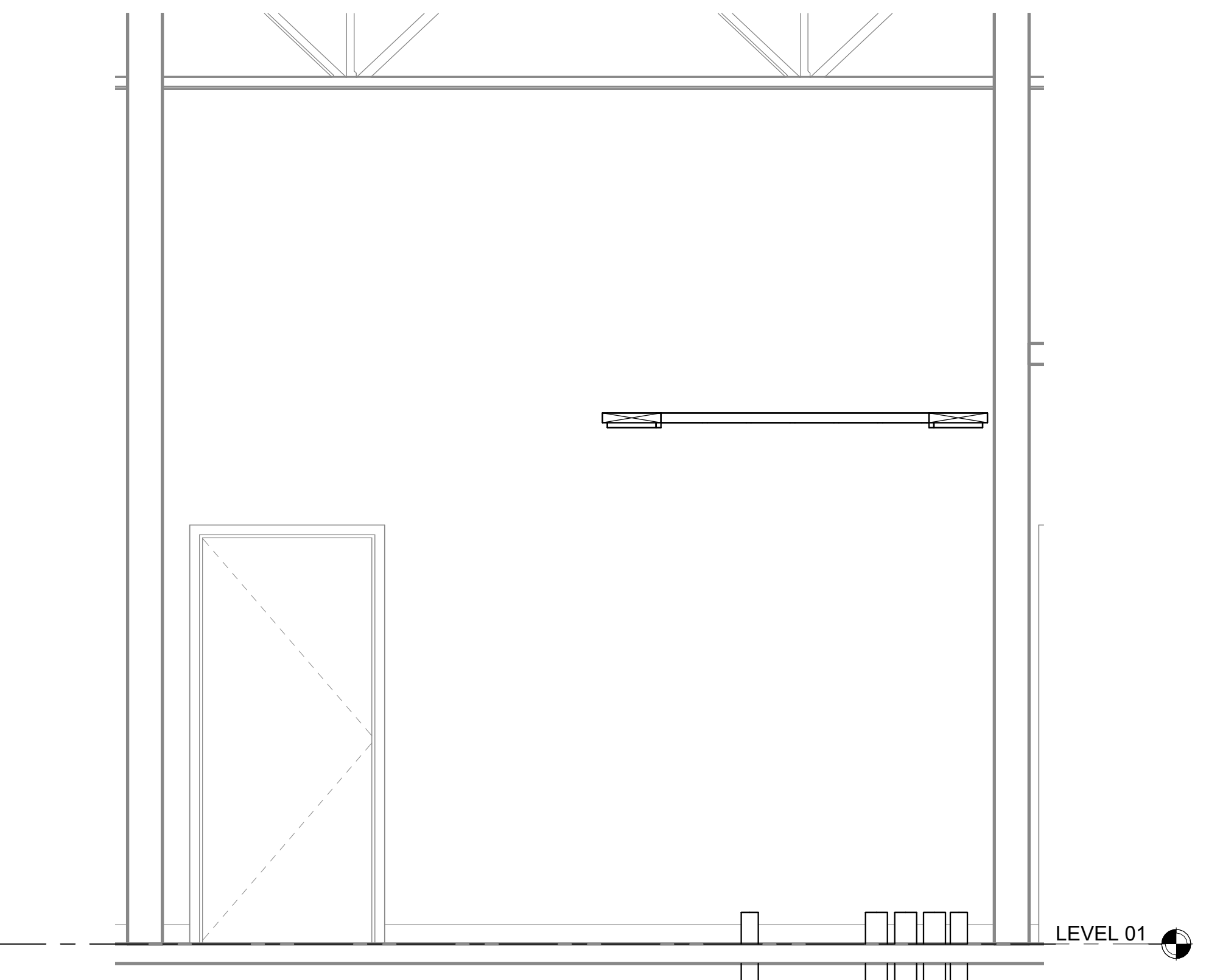
- 1 SERVICE PROVIDE CONDUIT CONNECTION TO DUNHAMS SPORTS, TO REMAIN.
- 2 (3) 4" SERVICE PROVIDE CONDUITS.
- 3 (1) 3" CONDUIT TO JC PENNEYS, TO BE DEMOLISHED.
- 4 (2) EXISTING 3" CONDUITS TO TR G-101 (SW) AND TR X-XXX (NE).
- 5 10" VERTICAL WIRE MANAGER, CPI PART #30162-703.
- 6 RELAY EQUIPMENT RACK, 19" X 7", CPI PART #66353-703.
- 7 TELECOMMUNICATIONS GROUNDING BUS BAR.
- 8 THRU WALL SLEEVE SYSTEM, MINIMUM (1) EZ PATH MULTI-GANG WALL BRACKET, ST1 PART #EZPS44W WITH (2) PATHWAY ASSEMBLIES, ST1 PART #EZD44S2. EQUIP EACH PATHWAY ASSEMBLY WITH (1) RADIUS CONTROL MODULE, ST1 PART #EZRCM44S ON THE TR SIDE.
- 9 VERTICAL CABLE PATHWAY. UTILIZE 12" LADDER RACK WITH APPROPRIATE STAND-OFFS.
- 10 (2) 4" CONDUITS TO TR G-101.
- 11 (2) 4" CONDUITS TO EXISTING TR X-XXX.
- 12 (2) 4" CONDUITS TO NEW TR X-XXX.



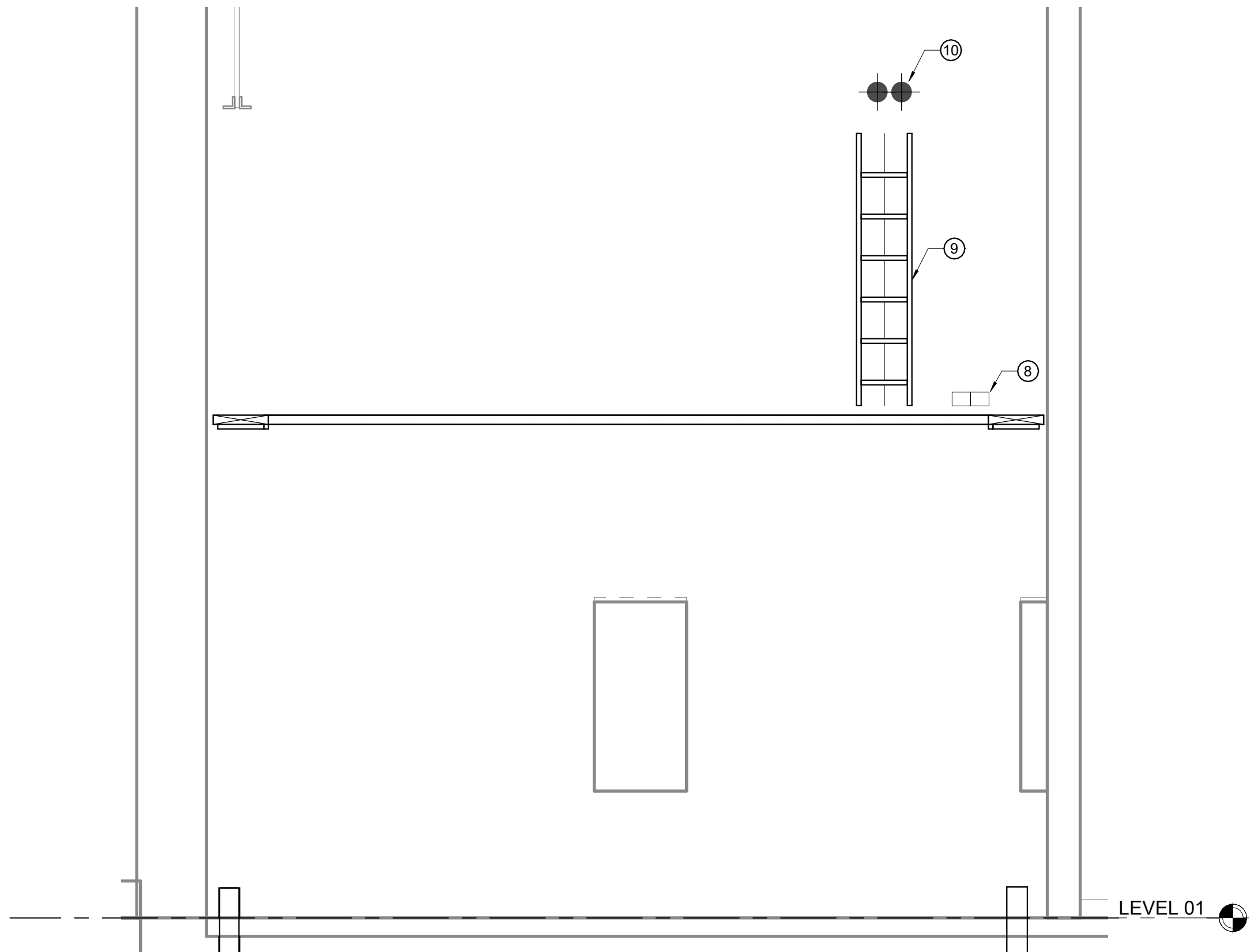
3 EF-TR E-120C - WALL A ELEVATION  
1/2" = 1'-0"



4 EF-TR E-120C - WALL B ELEVATION  
1/2" = 1'-0"



5 EF-TR E-120C - WALL C ELEVATION  
1/2" = 1'-0"



6 EF-TR E-120C - WALL D ELEVATION  
1/2" = 1'-0"

## Perkins&Will

The Wigley Building  
410 North Michigan Ave.  
Suite 1500  
Chicago, IL 60611  
1.312.755.0770  
www.perkinswill.com

#### CONSULTANTS

STRAND ASSOCIATES  
629 WASHINGTON ST.  
COLUMBUS, IN 47201

SSR, INC.  
2965 SIDCO DR.  
NASHVILLE, TN 37204

SSR, INC.  
2965 SIDCO DR.  
NASHVILLE, TN 37204

MRSK  
200 S MERIDIAN ST.  
INDIANAPOLIS, IN 46225

#### OWNER

CITY OF COLUMBUS  
123 WASHINGTON ST.  
COLUMBUS, IN 47201

FAIR OAKS MALL  
2080 20TH ST.  
COLUMBUS, IN 47201

CONTRACTOR  
TAYLOR BROS. CONSTRUCTION CO., INC.  
4555 MIDDLE RD.  
COLUMBUS, IN 47203

#### PROJECT

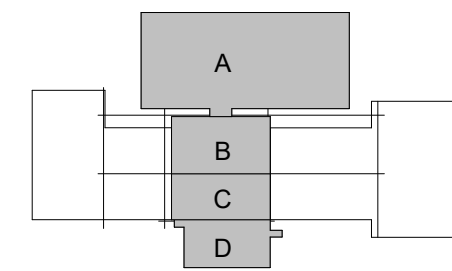
#### NEXUSPARK



#### City of Columbus

123 WASHINGTON ST.  
COLUMBUS, IN 47201

#### KEYPLAN



#### ISSUE CHART

| NO. | DESCRIPTION                        | DATE      |
|-----|------------------------------------|-----------|
| 1   | FOR PROPOSAL - ENABLING & PHASE 1A | 3/18/2022 |
| 2   | FOR PROPOSAL - ENABLING & PHASE 1A | 3/18/2022 |

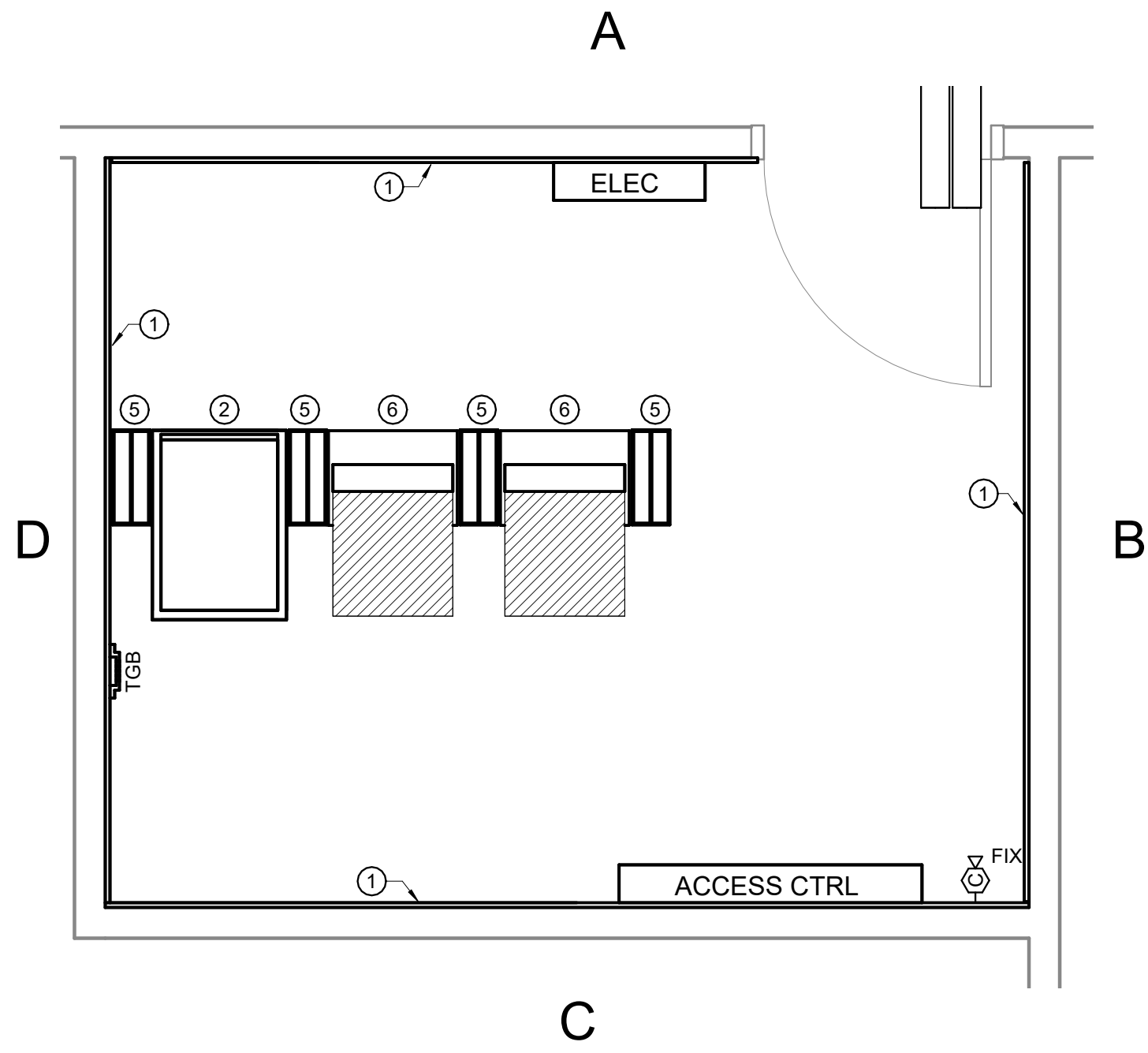
LARGE SCALE COMM  
ROOMS - PHASE 1B

#### SHEET NUMBER

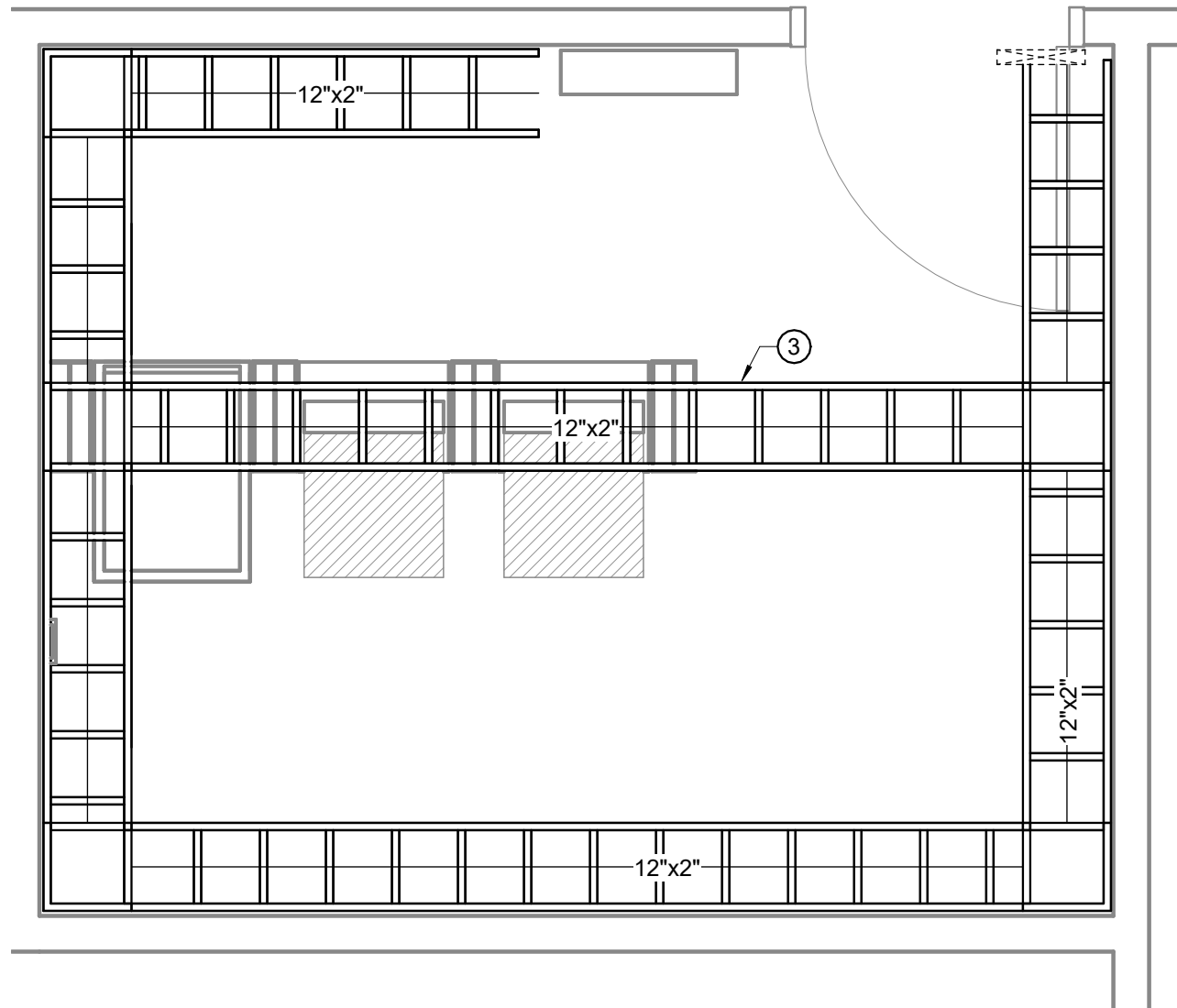
T40-23

© 2022 Perkins and Will





1 TR H-115 - LARGE SCALE LAYOUT  
1/2" = 1'-0"



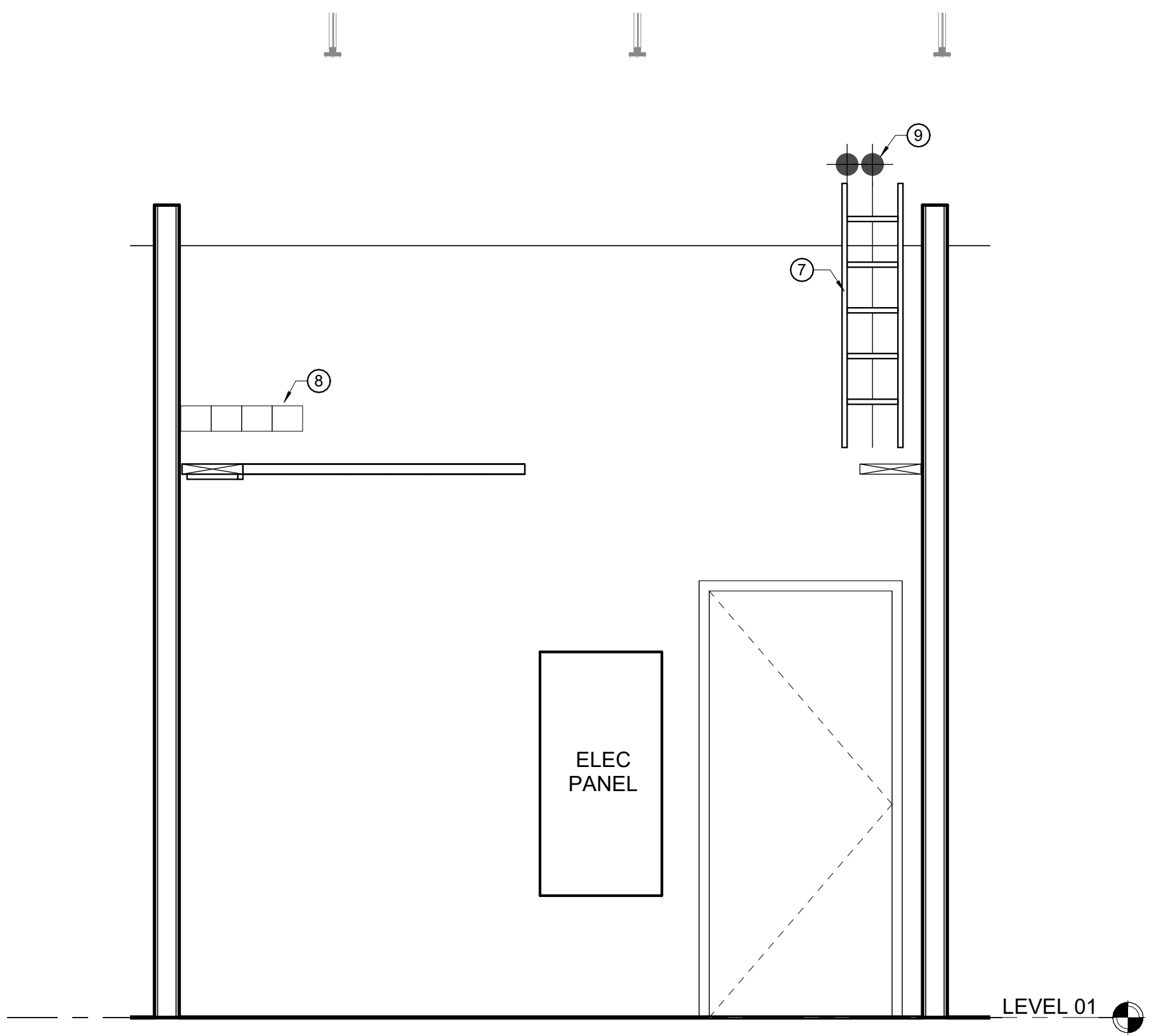
2 TR H-115 - LADDER RACK LAYOUT  
1/2" = 1'-0"

#### SHEET GENERAL NOTES

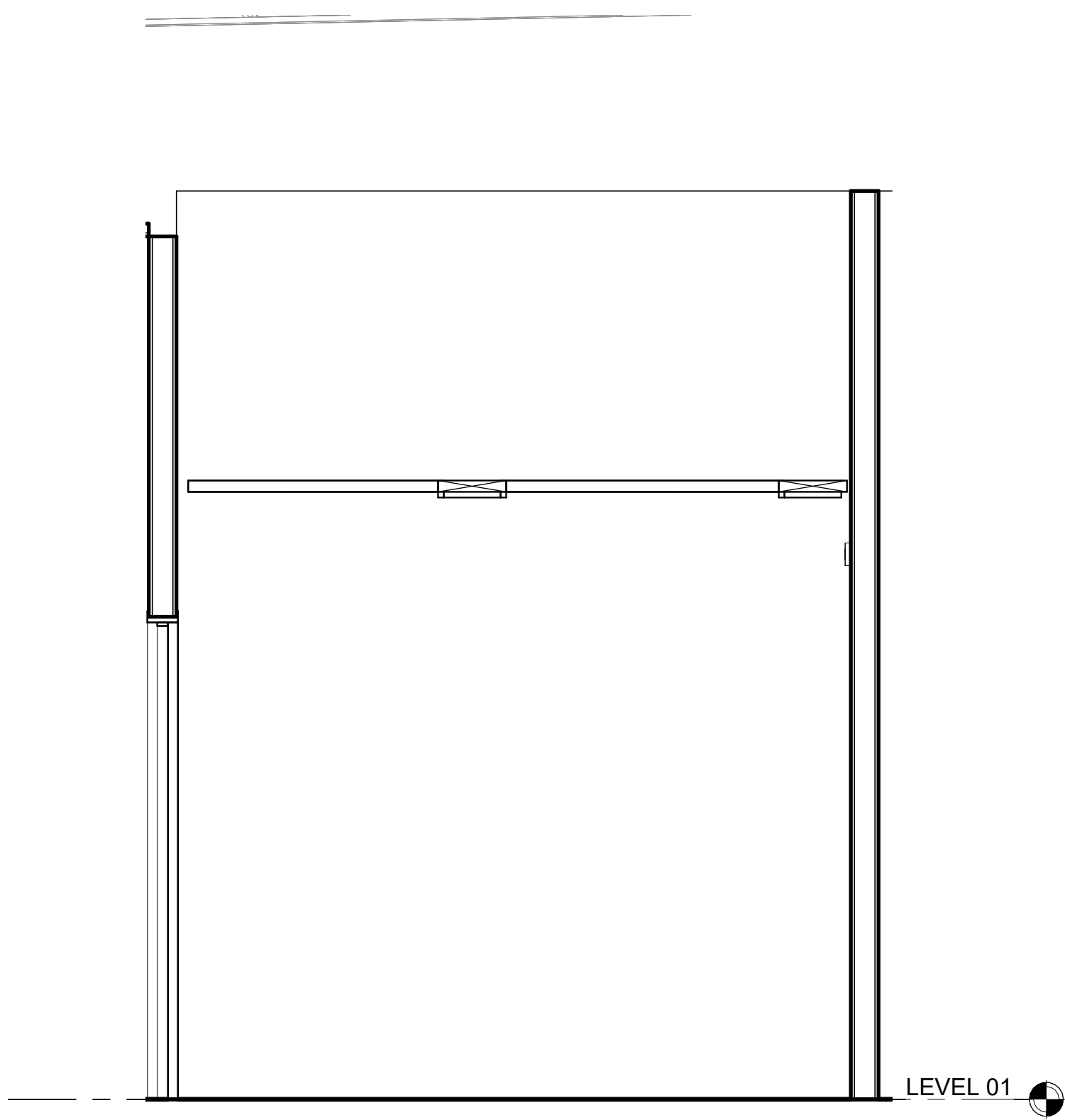
- A. PROVIDE (3) MAXCELL 3 CELL FABRIC INNERDUCT, TYPICAL OF EACH 4" CONDUIT PROVIDED IN PHASE 1B. INSTALL PER MANUFACTURERS INSTRUCTIONS. INNERDUCT TO LAY FLAT WITHIN CONDUIT, TYPICAL.
- B. PAINT ALL INTERIOR PLYWOOD WHITE. FIRE RATED STAMP MUST BE UNPAINTED AND VISIBLE.
- C. MAINTAIN APPROPRIATE CLEARANCE FROM ELECTRICAL PANELS..

#### SHEET KEYED NOTES

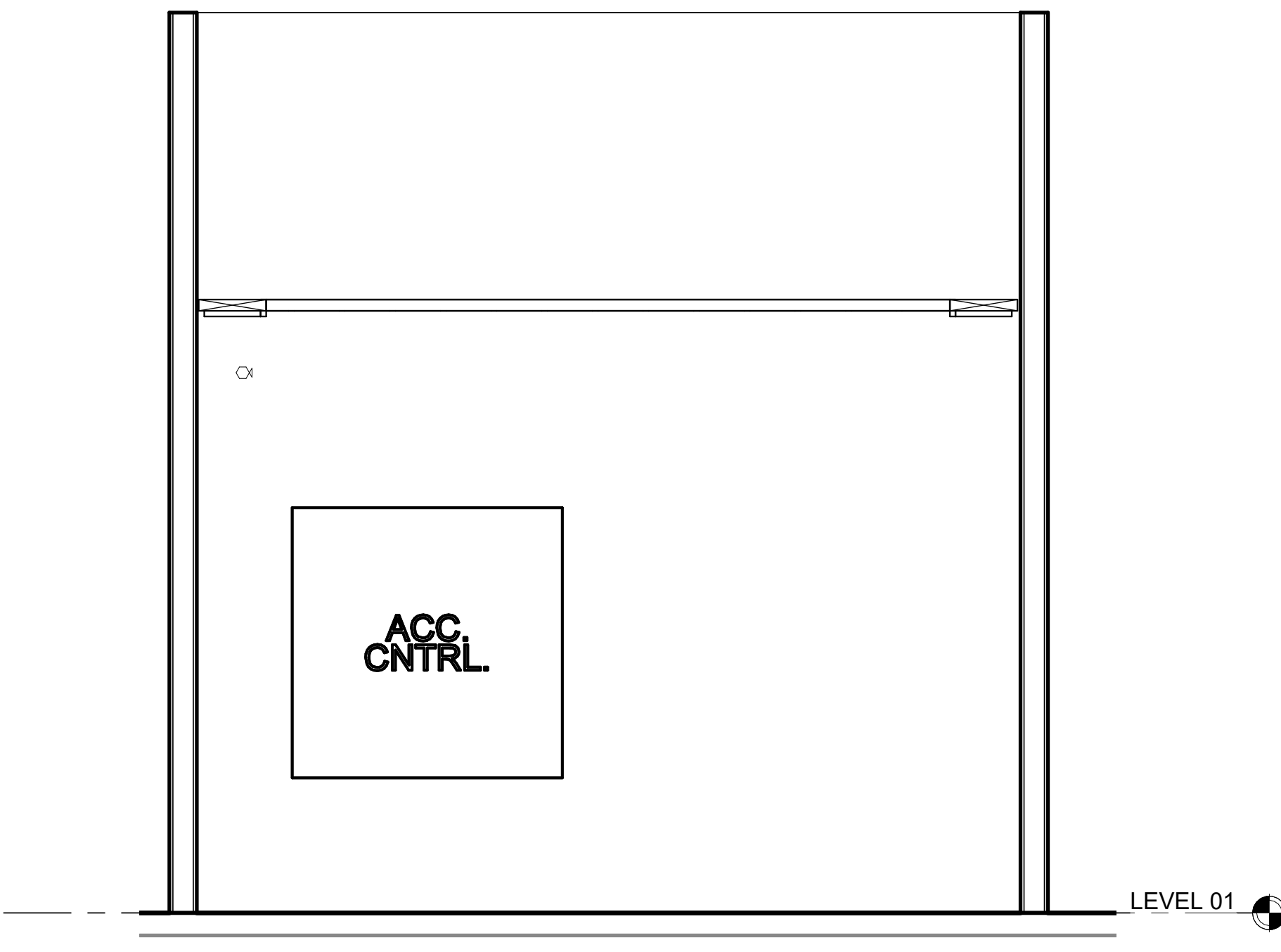
- ① 8' X 4' X 3/4" TYPE ACX FIRE RATED PLYWOOD MOUNTED FROM 1" TO 9" WITH THE 8' DIMENSION IN THE VERTICAL. PAINT WHITE WITH A SIDE FACING INTERIOR. FIRE RATED STAMP MUST BE UNPAINTED AND VISIBLE.
- ② 4 POST RACK, CPI PART # M1032-70X. RESERVED FOR AV EQUIPMENT.
- ③ 12" X 2" LADDER RACK, PROVIDE RADIUS DROPS INTO VERTICAL WIRE MANAGERS.
- ④ TELECOMMUNICATIONS GROUNDING BUS BAR.
- ⑤ 10" VERTICAL WIRE MANAGER, CPI PART #35573-703.
- ⑥ RELAY RACK 19" X 7", CPI PART #55053-703.
- ⑦ VERTICAL CABLE PATHWAY. UTILIZE 12" LADDER RACK WITH APPROPRIATE STAND-OFFS.
- ⑧ THRU WALL SLEEVE SYSTEM. MINIMUM (1) EZ PATH MULTI-GANG WALL BRACKET, ST1 PART #EZP544W WITH (4) PATHWAY ASSEMBLIES ST1 PART #EZ2M44SG. EQUIP EACH PATHWAY ASSEMBLY WITH (1) RADIUS CONTROL MODULE, ST1 PART #EZRCM44S ON THE EF/TR SIDE. REFER TO T1 DRAWINGS FOR ELEVATION.
- ⑨ (2) 4" CONDUITS TO EF-TR E-120C.



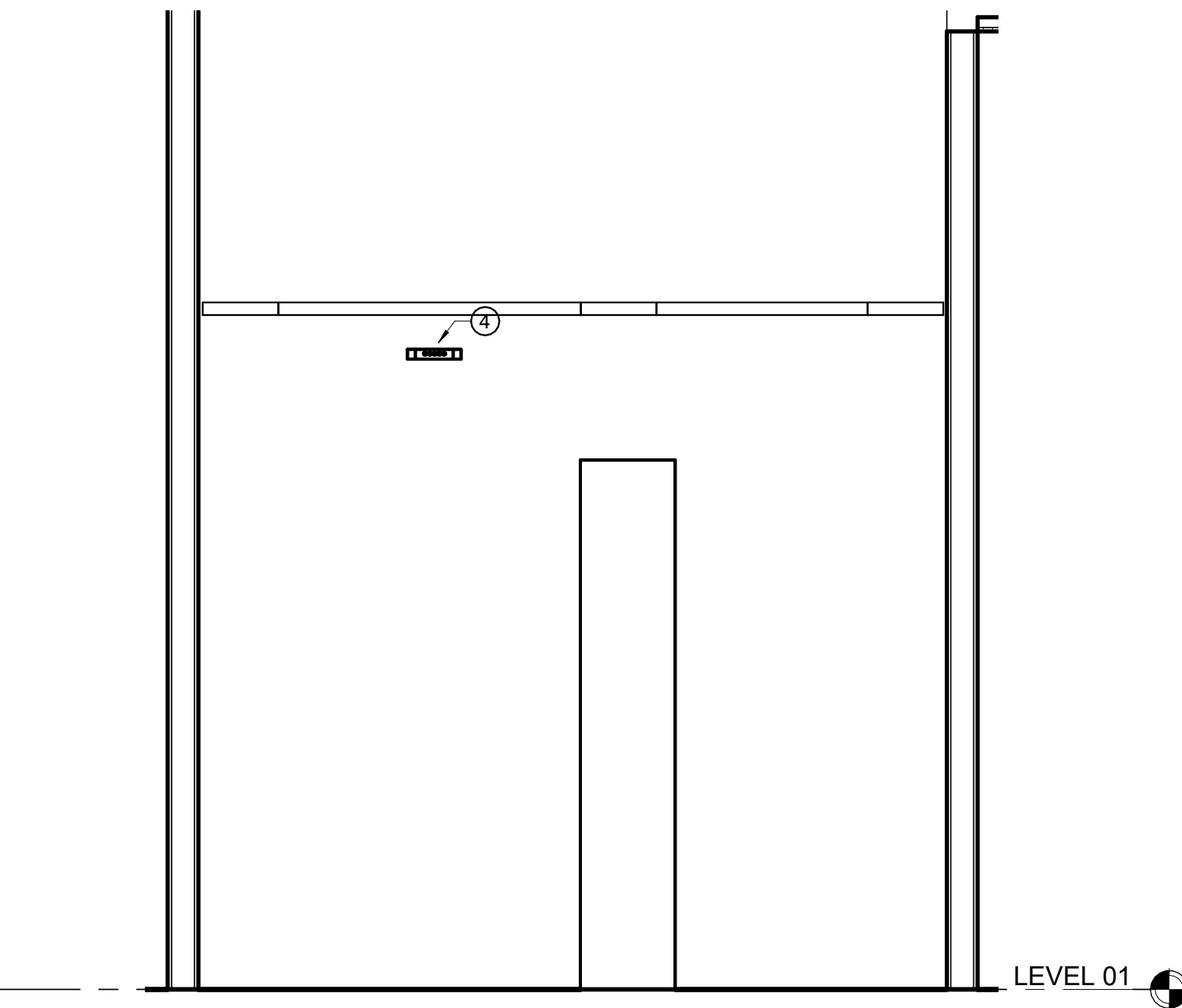
3 TR H-115 - WALL A ELEVATION  
1/2" = 1'-0"



4 TR H-115 - WALL B ELEVATION  
1/2" = 1'-0"



5 TR H-115 - WALL C ELEVATION  
1/2" = 1'-0"



6 TR H-115 - WALL D ELEVATION  
1/2" = 1'-0"

## Perkins&Will

The Wigley Building  
410 North Michigan Ave.  
Suite 1500  
Chicago, IL 60611  
1.312.755.0770  
1.312.755.0775  
www.perkinswill.com

#### CONSULTANTS

STRAND ASSOCIATES  
629 WASHINGTON ST.  
COLUMBUS, IN 47201

#### STRUCTURAL

SSR, INC.  
2995 SIDCO DR.  
NASHVILLE, TN 37204

#### MEP

SSR, INC.  
2995 SIDCO DR.  
NASHVILLE, TN 37204

#### LANDSCAPING

MKS  
200 S MERIDIAN ST.  
INDIANAPOLIS, IN 46225

#### OWNER

CITY OF COLUMBUS  
123 WASHINGTON ST.  
COLUMBUS, IN 47201

#### FACILITY

FAIR OAKS MALL  
2380 20TH ST.  
COLUMBUS, IN 47201

#### CONTRACTOR

TAYLOR BROS. CONSTRUCTION CO., INC.  
4555 MOORE RD.  
COLUMBUS, IN 47203

#### PROJECT

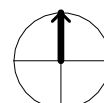
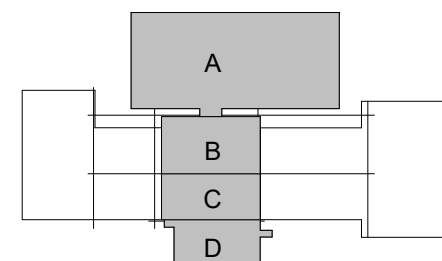
#### NEXUSPARK



#### City of Columbus

123 WASHINGTON ST.  
COLUMBUS, IN 47201

#### KEYPLAN



#### ISSUE CHART

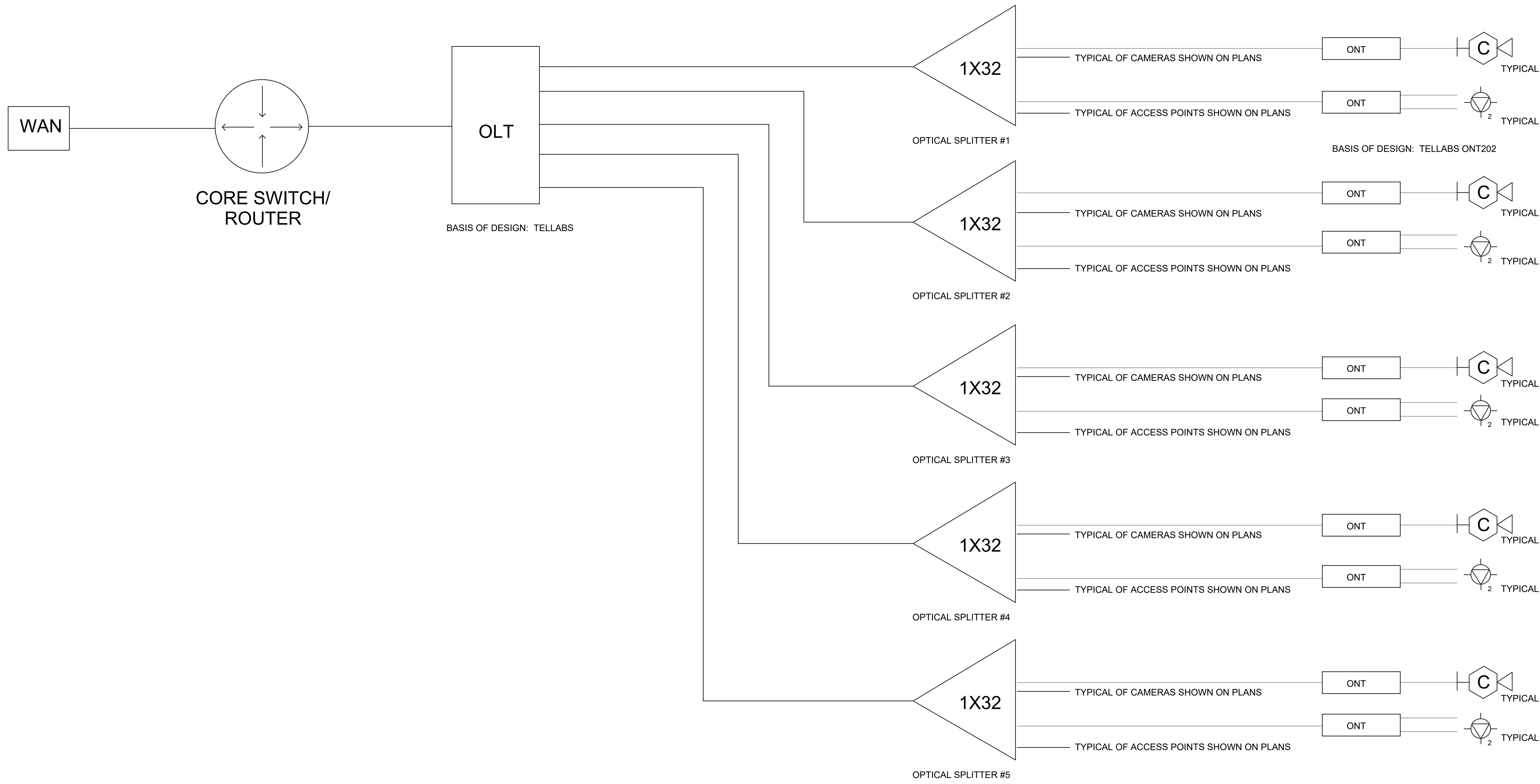
| NO. | DESCRIPTION                        | DATE       |
|-----|------------------------------------|------------|
| 1   | FOR PROPOSAL - ENABLING & PHASE 1A | 3/18/2022  |
| 2   | ISSUE                              | 02/26/2022 |
| 3   | ISSUE                              | 02/26/2022 |

#### LARGE SCALE COMM ROOMS - PHASE 1B

#### SHEET NUMBER

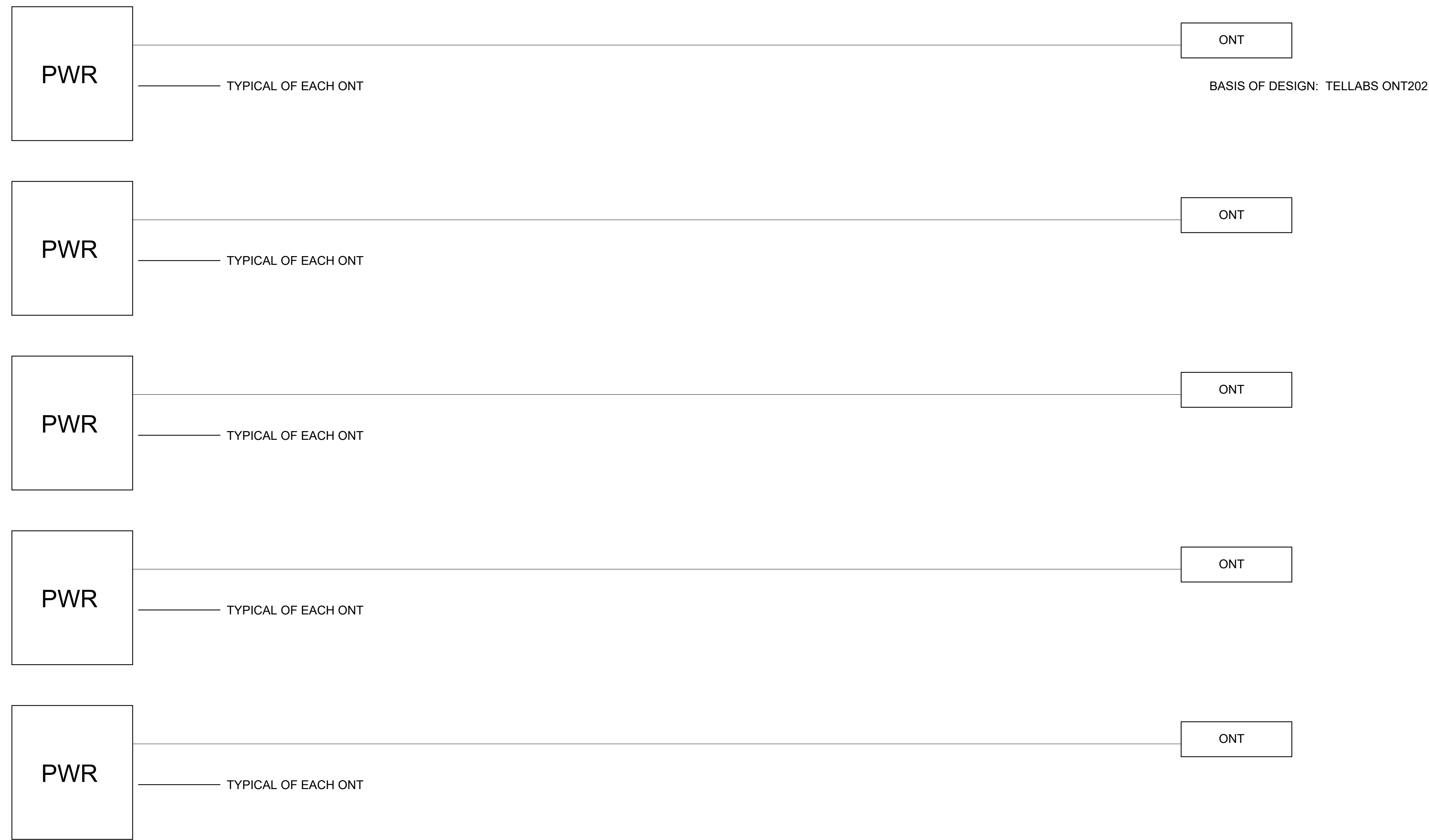
T40-24





1 PASSIVE OPTICAL NETWORK ONE LINE DIAGRAM  
1" = 1'-0"

BASIS OF DESIGN:  
EDGE POWER SOLUTIONS  
EPS32 PORT POWER DISTRIBUTION INPUT



2 ONT REMOTE POWER ONE LINE DIAGRAM  
1" = 1'-0"

Perkins&Will

The Wigwag Building  
410 North Michigan Ave.  
Suite 1500  
Chicago, IL 60611  
1.312.755.0770  
1.312.755.0775  
www.perkinswill.com

CONSULTANTS

STRAND ASSOCIATES  
628 WASHINGTON ST.  
COLUMBUS, IN 47201

SSR, INC.  
2995 SIDCO DR.  
NASHVILLE, TN 37204

SSR, INC.  
2995 SIDCO DR.  
NASHVILLE, TN 37204

LANDSCAPING  
200 S MERIDIAN ST.  
INDIANAPOLIS, IN 46225

OWNER

CITY OF COLUMBUS  
123 WASHINGTON ST.  
COLUMBUS, IN 47201

FAIR OAKS MALL  
2380 20TH ST.  
COLUMBUS, IN 47201

CONTRACTOR  
TAYLOR BROS. CONSTRUCTION CO., INC.  
4555 MIDDLE RD.  
COLUMBUS, IN 47203

PROJECT

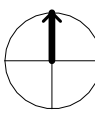
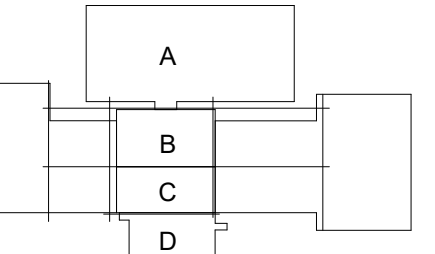
NEXUSPARK



City of Columbus

123 WASHINGTON ST.  
COLUMBUS, IN 47201

KEYPLAN



ISSUE CHART

|                                    |           |
|------------------------------------|-----------|
| FOR PROPOSAL - ENABLING & PHASE 1A | 3/18/2022 |
| Issue                              | Table     |

Job Number 023650.000

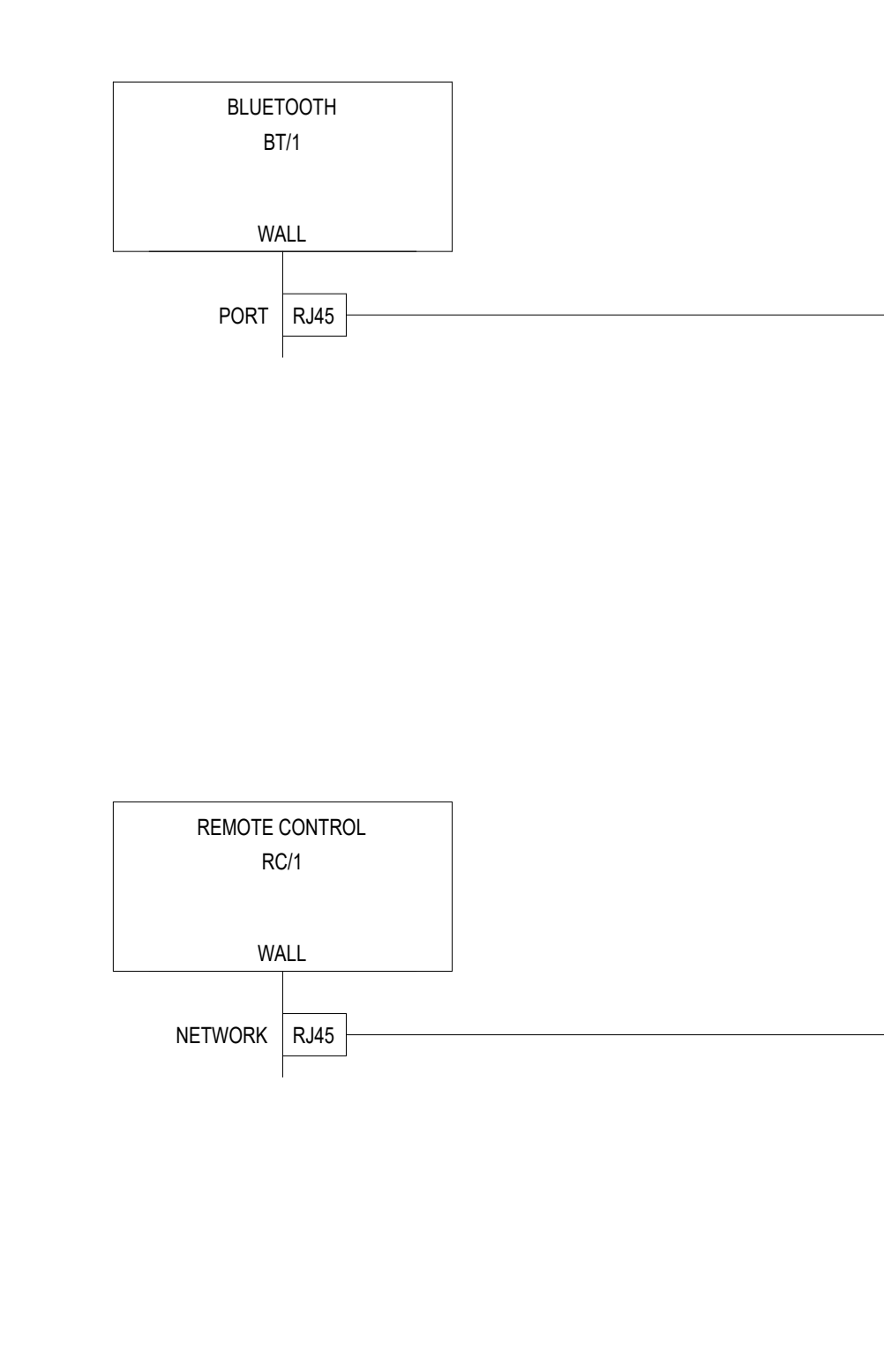
TITLE  
TECHNOLOGY ONE  
LINE DIAGRAM -  
PASSIVE OPTICAL  
NETWORK - PHASE 1A  
SHEET NUMBER

T50-11

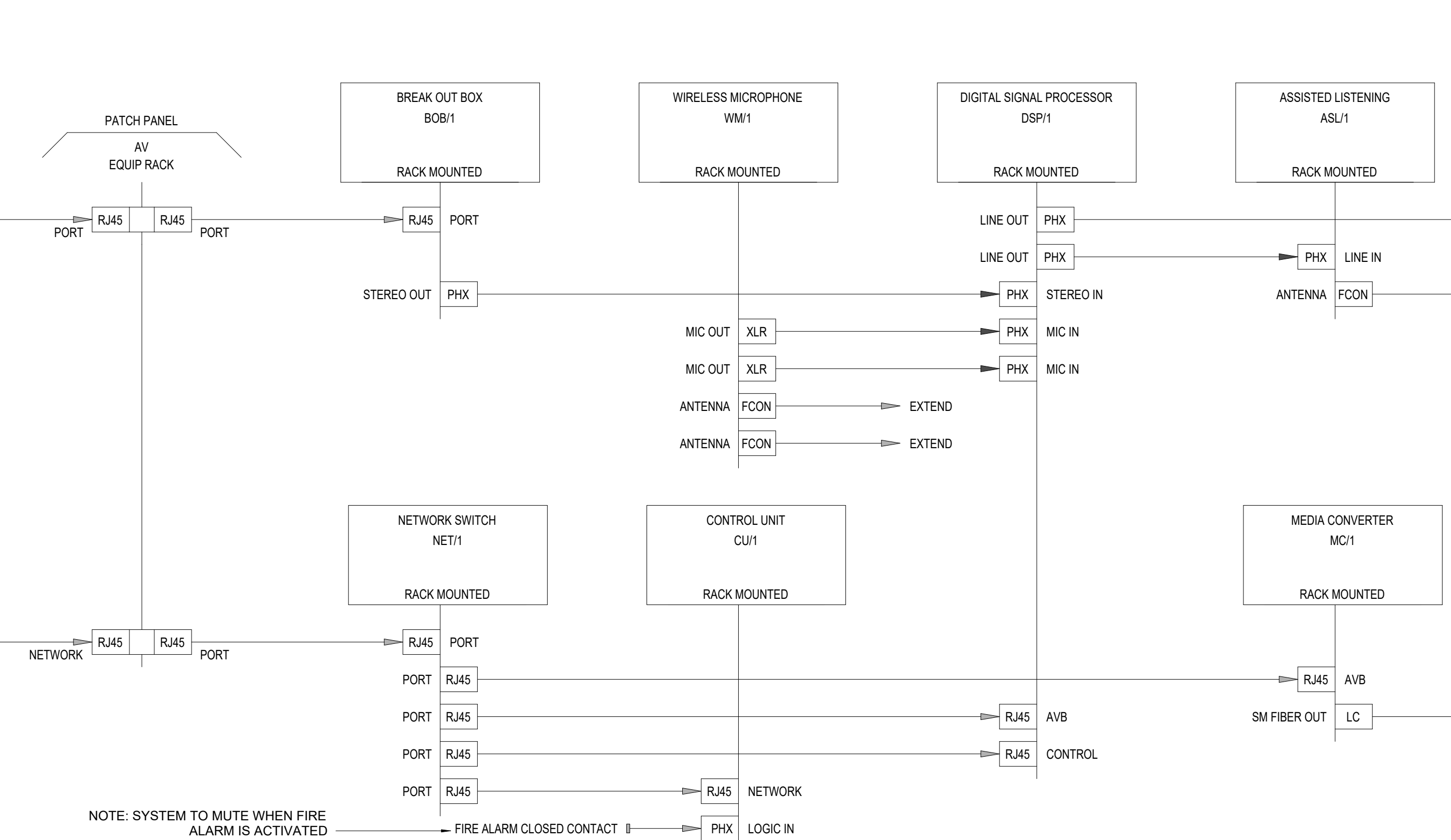
© 2022 Perkins and Will



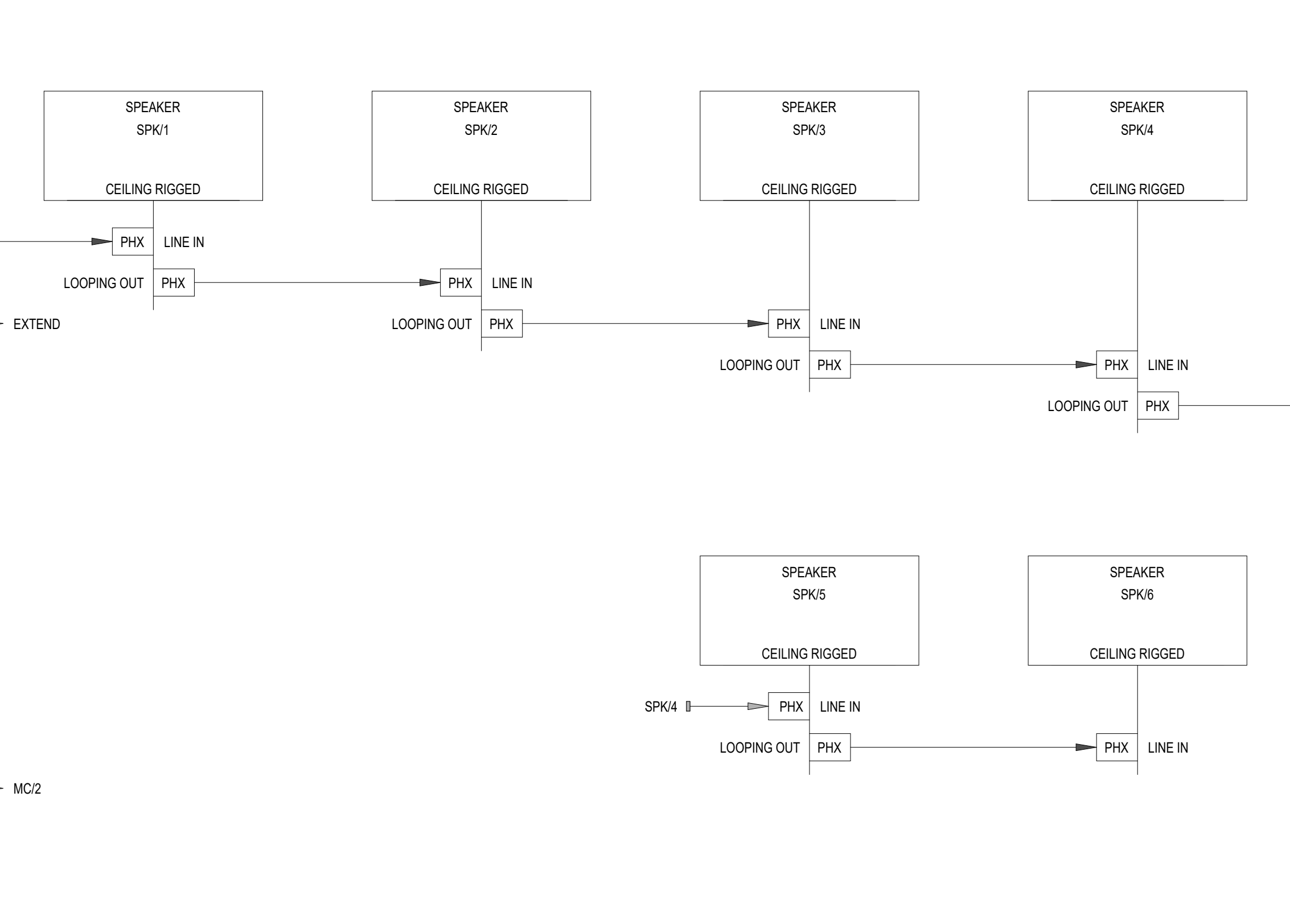
ZONE 1  
REMOTE CONTROL / BLUETOOTH INPUT  
WALL MOUNTED, AV ROUGH-IN



AV EQUIPEMENT RACK  
TR



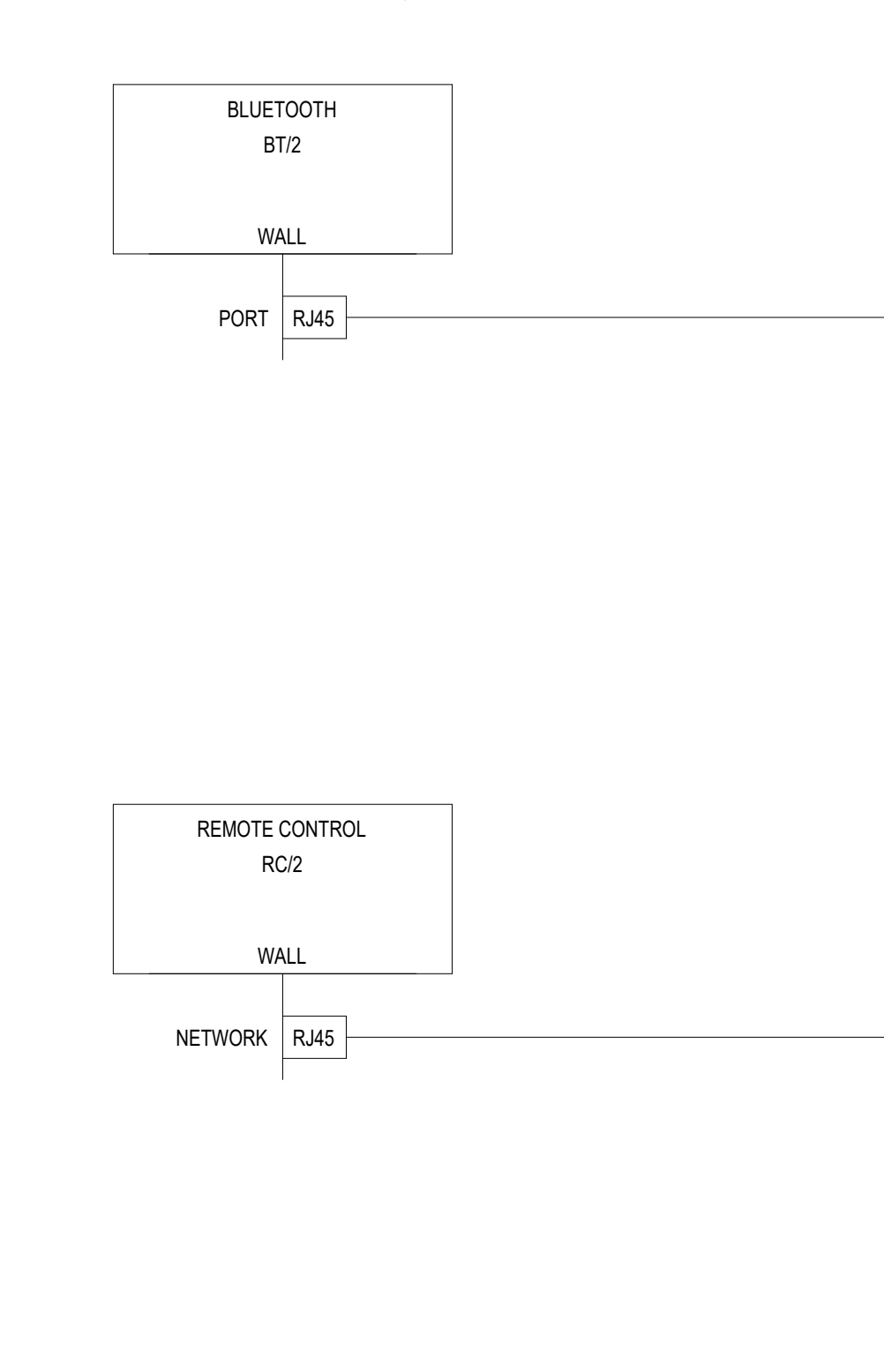
ZONE 1  
LOUDSPEAKERS



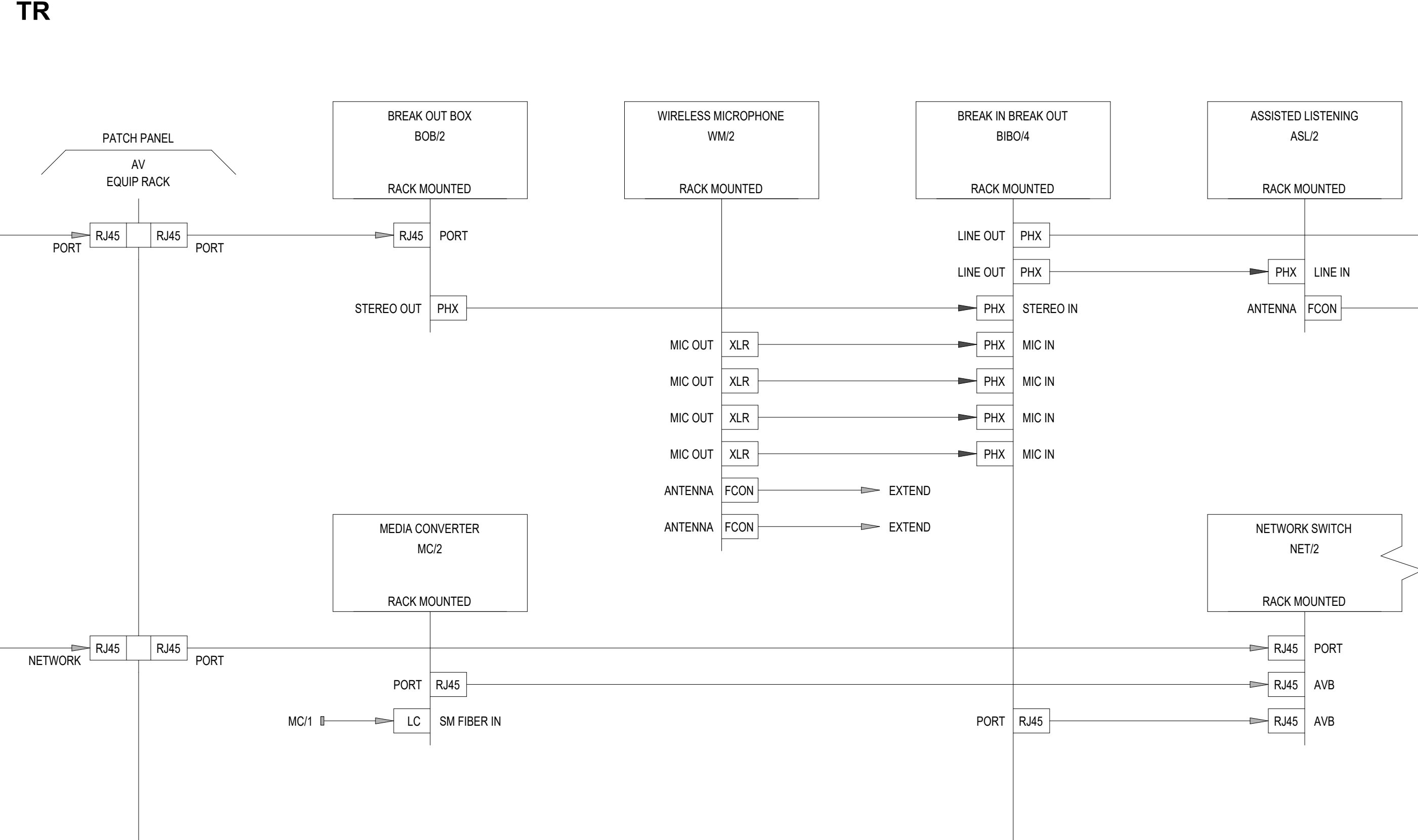
SHEET GENERAL NOTES

- A. A PRELIMINARY EASE MODEL HAS BEEN SENT TO RENKUS HEINZ. COORDINATE EXACT LOUDSPEAKER PLACEMENT, RIGGING, AND AIMING WITH MANUFACTURER.
- B. PROVIDE RECEIVERS FOR ALS/1-3 PER ADA REQUIREMENTS. PROVIDE RECHARGEABLE BATTERIES AND BASE STATION CHARGING UNIT FOR RECEIVERS.
- C. PROVIDE WIRELESS MICROPHONE CHARGING STATIONS AT TICKETING B-110.
- D. PROVIDE REQUIRED CABLING AND ELECTRONICS TO EXTEND ANTENNAS FROM NEXUS MALL TR ROOMS TO FIELD HOUSE.

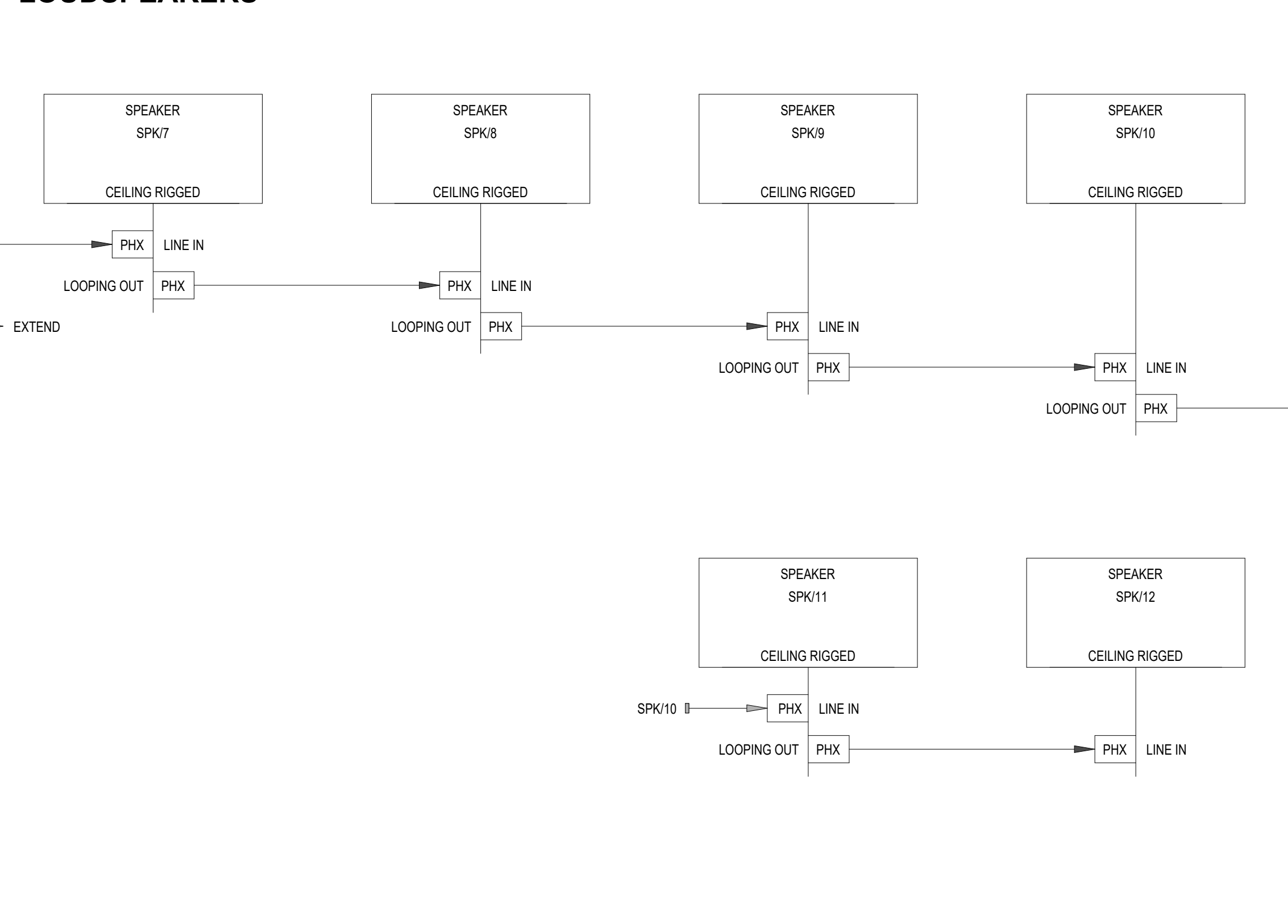
ZONE 2  
REMOTE CONTROL / BLUETOOTH INPUT  
WALL MOUNTED, AV ROUGH-IN



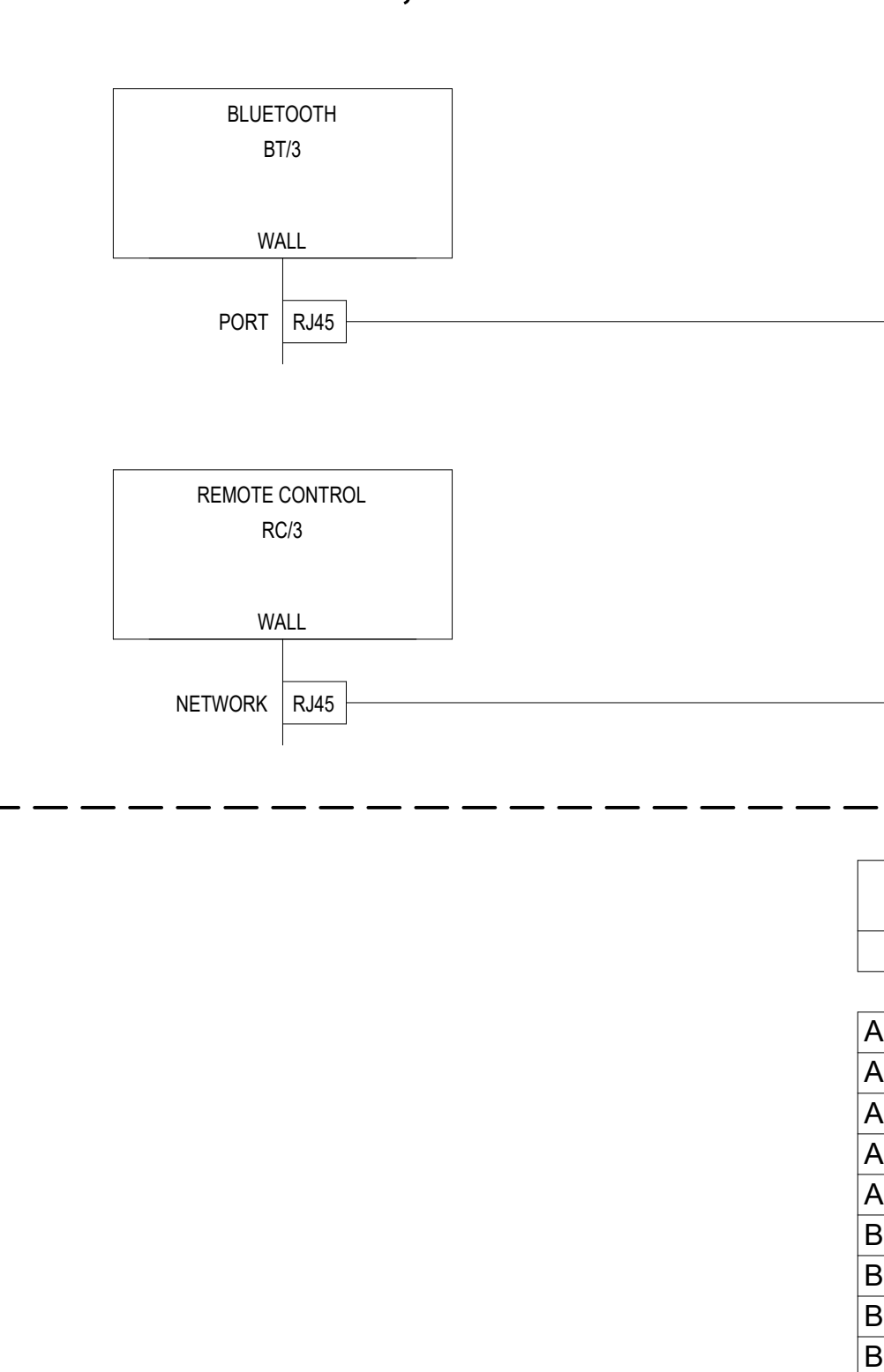
AV EQUIPEMENT RACK  
TR



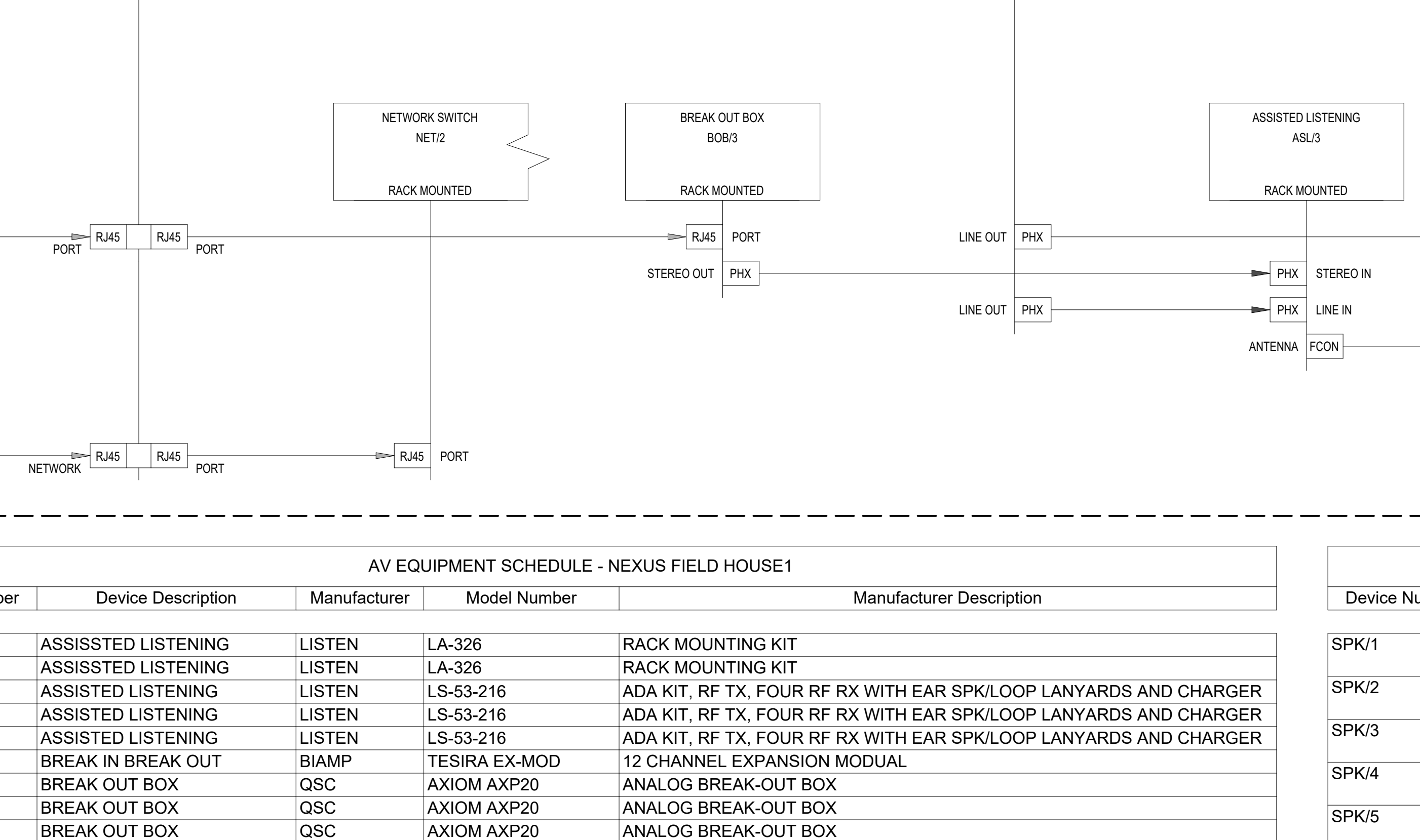
ZONE 2  
LOUDSPEAKERS



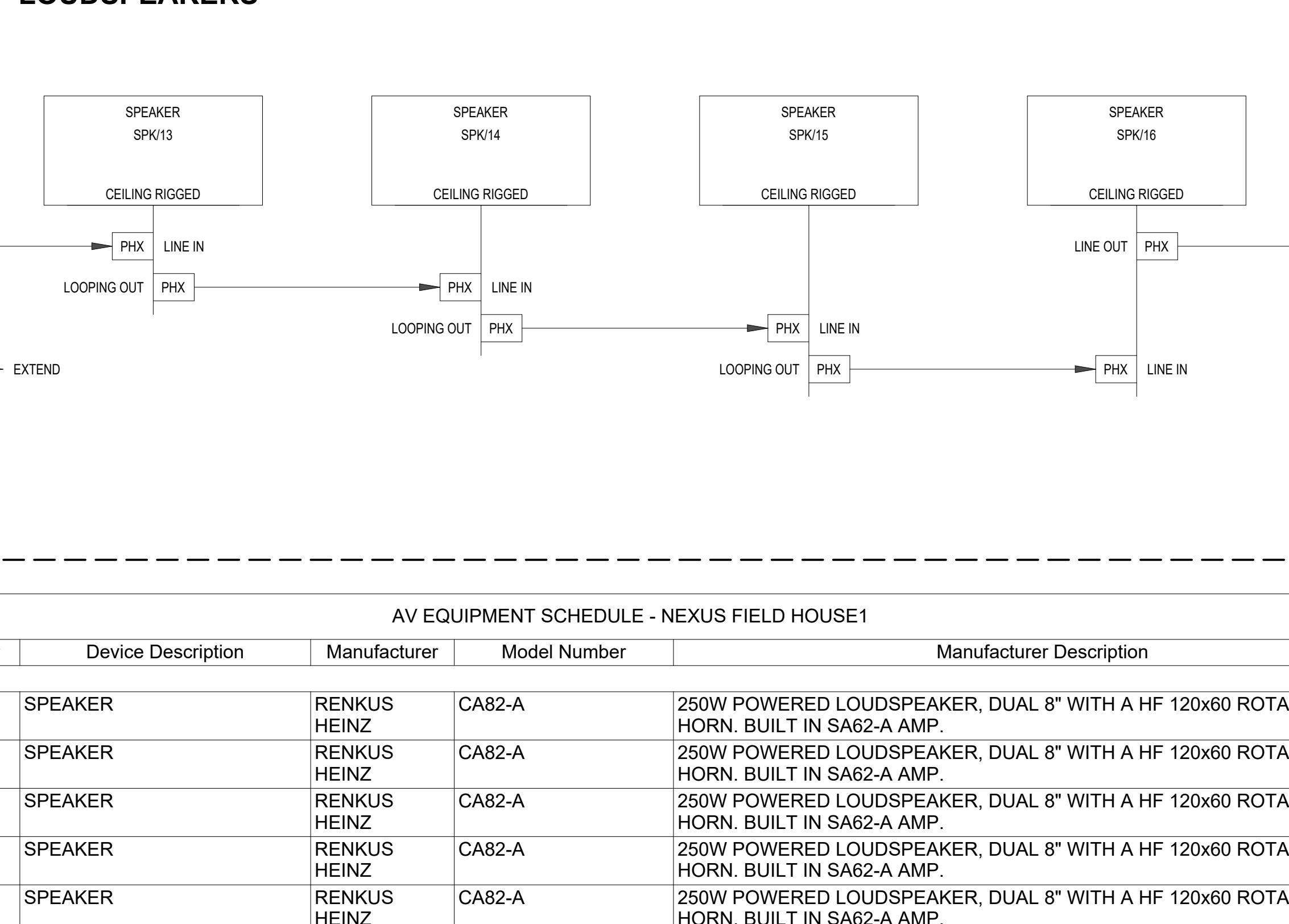
ZONE 3  
REMOTE CONTROL / BLUETOOTH INPUT  
WALL MOUNTED, AV ROUGH-IN



AV EQUIPEMENT RACK  
TR



ZONE 3  
LOUDSPEAKERS



| AV EQUIPMENT SCHEDULE - NEXUS FIELD HOUSE1 |                          |              |                     |                                                                       |
|--------------------------------------------|--------------------------|--------------|---------------------|-----------------------------------------------------------------------|
| Device Number                              | Device Description       | Manufacturer | Model Number        | Manufacturer Description                                              |
| ALS/1                                      | ASSISSTED LISTENING      | LISTEN       | LA-326              | RACK MOUNTING KIT                                                     |
| ALS/2                                      | ASSISSTED LISTENING      | LISTEN       | LA-326              | RACK MOUNTING KIT                                                     |
| ASL/1                                      | ASSISTED LISTENING       | LISTEN       | LS-53-216           | ADA KIT, RF TX, FOUR RF RX WITH EAR SPK/LOOP LANYARDS AND CHARGER     |
| ASL/2                                      | ASSISTED LISTENING       | LISTEN       | LS-53-216           | ADA KIT, RF TX, FOUR RF RX WITH EAR SPK/LOOP LANYARDS AND CHARGER     |
| ASL/3                                      | ASSISTED LISTENING       | LISTEN       | LS-53-216           | ADA KIT, RF TX, FOUR RF RX WITH EAR SPK/LOOP LANYARDS AND CHARGER     |
| BBO4/1                                     | BREAK IN BREAK OUT       | BIAMP        | TESIRA EX-MOD       | 12 CHANNEL EXPANSION MODUAL                                           |
| BOB/1                                      | BREAK OUT BOX            | QSC          | AXIOM AXP20         | ANALOG BREAK-OUT BOX                                                  |
| BOB/2                                      | BREAK OUT BOX            | QSC          | AXIOM AXP20         | ANALOG BREAK-OUT BOX                                                  |
| BOB/3                                      | BREAK OUT BOX            | QSC          | AXIOM AXP20         | ANALOG BREAK-OUT BOX                                                  |
| BP/1                                       | WIRELESS MICROPHONE      | SHURE        | ULXD1               | DIGITAL BODY PACK TRANSMITTER                                         |
| BP/2                                       | WIRELESS MICROPHONE      | SHURE        | ULXD1               | DIGITAL BODY PACK TRANSMITTER                                         |
| BP/3                                       | WIRELESS MICROPHONE      | SHURE        | ULXD1               | DIGITAL BODY PACK TRANSMITTER                                         |
| BT/1                                       | BLUETOOTH                | QSC          | AXIOM BT1           | BLUE TOOTH WALL PLATE - 1 GANG                                        |
| BT/2                                       | BLUETOOTH                | QSC          | AXIOM BT1           | BLUE TOOTH WALL PLATE - 1 GANG                                        |
| BT/3                                       | BLUETOOTH                | QSC          | AXIOM BT1           | BLUE TOOTH WALL PLATE - 1 GANG                                        |
| CUI1                                       | CONTROL UNIT             | CRESTRON     | RM1C4               | 4-SERIES CONTROL PROCESSOR                                            |
| DSP/1                                      | DIGITAL SIGNAL PROCESSOR | BIAMP        | TESIRA FORTE AVB AI | DIGITAL SIGNAL PROCESSOR - AUDIO - 12 X 8                             |
| HH/1                                       | WIRELESS MICROPHONE      | SHURE        | ULXD2/B87A          | HANDHELD TRANSMITTER WITH BETA 87A CAPSULE                            |
| HH/2                                       | WIRELESS MICROPHONE      | SHURE        | ULXD2/B87A          | HANDHELD TRANSMITTER WITH BETA 87A CAPSULE                            |
| HH/3                                       | WIRELESS MICROPHONE      | SHURE        | ULXD2/B87A          | HANDHELD TRANSMITTER WITH BETA 87A CAPSULE                            |
| LAV/1                                      | WIRELESS MICROPHONE      | SHURE        | MX150B/C-TQG        | SUBMINIATURE LAVALIER MIC, CARDIOD, BLACK. PROVIDE WITH WA330 ADAPTER |
| LAV/2                                      | WIRELESS MICROPHONE      | SHURE        | MX150B/C-TQG        | SUBMINIATURE LAVALIER MIC, CARDIOD, BLACK. PROVIDE WITH WA330 ADAPTER |
| LAV/3                                      | WIRELESS MICROPHONE      | SHURE        | MX150B/C-TQG        | SUBMINIATURE LAVALIER MIC, CARDIOD, BLACK. PROVIDE WITH WA330 ADAPTER |
| MC/1                                       | MEDIA CONVERTER          | DIABLO CABLE | 18243               | 2 PORT AVB MEDIA CONVERTER, WITH SFP SM LC AND RJ45 PORT              |
| MC/2                                       | MEDIA CONVERTER          | DIABLO CABLE | 18243               | 2 PORT AVB MEDIA CONVERTER, WITH SFP SM LC AND RJ45 PORT              |
| NET/1                                      | NETWORK SWITCH           | BIAMP        | TC-5                | 5 PORT SWITCH AVB SWITCH WITH POE+                                    |
| NET/2                                      | NETWORK SWITCH           | BIAMP        | TC-5                | 5 PORT SWITCH AVB SWITCH WITH POE+                                    |
| RC/1                                       | REMOTE CONTROL           | CRESTRON     | MPC3-101-B          | 3 SERIES MEDIA PRESENTATION CONTROLLER                                |
| RC/2                                       | REMOTE CONTROL           | CRESTRON     | MPC3-101-B          | 3 SERIES MEDIA PRESENTATION CONTROLLER                                |
| RC/3                                       | REMOTE CONTROL           | CRESTRON     | MPC3-101-B          | 3 SERIES MEDIA PRESENTATION CONTROLLER                                |

| AV EQUIPMENT SCHEDULE - NEXUS FIELD HOUSE1 |                     |              |              |                                                                                         |
|--------------------------------------------|---------------------|--------------|--------------|-----------------------------------------------------------------------------------------|
| Device Number                              | Device Description  | Manufacturer | Model Number | Manufacturer Description                                                                |
| SPK/1                                      | SPEAKER             | RENKUS HEINZ | CA82-A       | 250W POWERED LOUDSPEAKER, DUAL 8" WITH A HF 120x60 ROTATABLE HORN. BUILT IN SA62-A AMP. |
| SPK/2                                      | SPEAKER             | RENKUS HEINZ | CA82-A       | 250W POWERED LOUDSPEAKER, DUAL 8" WITH A HF 120x60 ROTATABLE HORN. BUILT IN SA62-A AMP. |
| SPK/3                                      | SPEAKER             | RENKUS HEINZ | CA82-A       | 250W POWERED LOUDSPEAKER, DUAL 8" WITH A HF 120x60 ROTATABLE HORN. BUILT IN SA62-A AMP. |
| SPK/4                                      | SPEAKER             | RENKUS HEINZ | CA82-A       | 250W POWERED LOUDSPEAKER, DUAL 8" WITH A HF 120x60 ROTATABLE HORN. BUILT IN SA62-A AMP. |
| SPK/5                                      | SPEAKER             | RENKUS HEINZ | CA82-A       | 250W POWERED LOUDSPEAKER, DUAL 8" WITH A HF 120x60 ROTATABLE HORN. BUILT IN SA62-A AMP. |
| SPK/6                                      | SPEAKER             | RENKUS HEINZ | CA82-A       | 250W POWERED LOUDSPEAKER, DUAL 8" WITH A HF 120x60 ROTATABLE HORN. BUILT IN SA62-A AMP. |
| SPK/7                                      | SPEAKER             | RENKUS HEINZ | CA82-A       | 250W POWERED LOUDSPEAKER, DUAL 8" WITH A HF 120x60 ROTATABLE HORN. BUILT IN SA62-A AMP. |
| SPK/8                                      | SPEAKER             | RENKUS HEINZ | CA82-A       | 250W POWERED LOUDSPEAKER, DUAL 8" WITH A HF 120x60 ROTATABLE HORN. BUILT IN SA62-A AMP. |
| SPK/9                                      | SPEAKER             | RENKUS HEINZ | CA82-A       | 250W POWERED LOUDSPEAKER, DUAL 8" WITH A HF 120x60 ROTATABLE HORN. BUILT IN SA62-A AMP. |
| SPK/10                                     | SPEAKER             | RENKUS HEINZ | CA82-A       | 250W POWERED LOUDSPEAKER, DUAL 8" WITH A HF 120x60 ROTATABLE HORN. BUILT IN SA62-A AMP. |
| SPK/11                                     | SPEAKER             | RENKUS HEINZ | CA82-A       | 250W POWERED LOUDSPEAKER, DUAL 8" WITH A HF 120x60 ROTATABLE HORN. BUILT IN SA62-A AMP. |
| SPK/12                                     | SPEAKER             | RENKUS HEINZ | CA82-A       | 250W POWERED LOUDSPEAKER, DUAL 8" WITH A HF 120x60 ROTATABLE HORN. BUILT IN SA62-A AMP. |
| SPK/13                                     | SPEAKER             | RENKUS HEINZ | CA82-A       | 250W POWERED LOUDSPEAKER, DUAL 8" WITH A HF 120x60 ROTATABLE HORN. BUILT IN SA62-A AMP. |
| SPK/14                                     | SPEAKER             | RENKUS HEINZ | CA82-A       | 250W POWERED LOUDSPEAKER, DUAL 8" WITH A HF 120x60 ROTATABLE HORN. BUILT IN SA62-A AMP. |
| SPK/15                                     | SPEAKER             | RENKUS HEINZ | CA82-A       | 250W POWERED LOUDSPEAKER, DUAL 8" WITH A HF 120x60 ROTATABLE HORN. BUILT IN SA62-A AMP. |
| SPK/16                                     | SPEAKER             | RENKUS HEINZ | CA82-A       | 250W POWERED LOUDSPEAKER, DUAL 8" WITH A HF 120x60 ROTATABLE HORN. BUILT IN SA62-A AMP. |
| SPK/17                                     | SPEAKER             | RENKUS HEINZ | CA82-A       | 250W POWERED LOUDSPEAKER, DUAL 8" WITH A HF 120x60 ROTATABLE HORN. BUILT IN SA62-A AMP. |
| SPK/18                                     | SPEAKER             | RENKUS HEINZ | CA82-A       | 250W POWERED LOUDSPEAKER, DUAL 8" WITH A HF 120x60 ROTATABLE HORN. BUILT IN SA62-A AMP. |
| WM/1                                       | WIRELESS MICROPHONE | SHURE        | ULXD4D       | DUAL CHANNEL WIRELESS RX                                                                |
| WM/2                                       | WIRELESS MICROPHONE | SHURE        | ULXD4D       | DUAL CHANNEL WIRELESS RX                                                                |

Perkins&Will

The Wigley Building  
410 North Michigan Ave.  
Suite 1600  
Chicago, IL 60611  
1312.755.0770  
1312.755.0775  
www.perkinswill.com

CONSULTANTS

STRAND ASSOCIATES

629 WASHINGTON ST.  
COLUMBUS, IN 47201

SSR, INC.

2995 SIDCO DR.  
NASHVILLE, TN 37294

SSR, INC.

2995 SIDCO DR.  
NASHVILLE, TN 37294

MKS

200 S MERIDIAN ST.  
INDIANAPOLIS, IN 46225

OWNER

CITY OF COLUMBUS

123 WASHINGTON ST.  
COLUMBUS, IN 47201

FAIR OAKS MALL

200 S 20TH ST.  
COLUMBUS, IN 47201

CONTRACTOR

TAYLOR BROS. CONSTRUCTION CO., INC.

4555 MIDDLE RD.  
COLUMBUS, IN 47203

PROJECT

NEXUSPARK

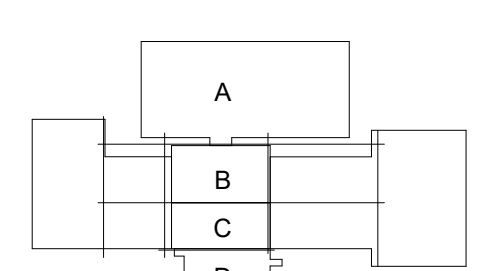


unexpected.unforgettable.

City of Columbus

123 WASHINGTON ST.  
COLUMBUS, IN 47201

KEYPLAN



ISSUE CHART



| DATE       | DESCRIPTION                        | BY  |
|------------|------------------------------------|-----|
| 10/18/2022 | FOR PROPOSAL - ENABLING & PHASE 1A | SSR |

Job Number 023650.000

TITLE

TECHNOLOGY  
AUDIOVISUAL SYSTEM  
- PHASE 1A

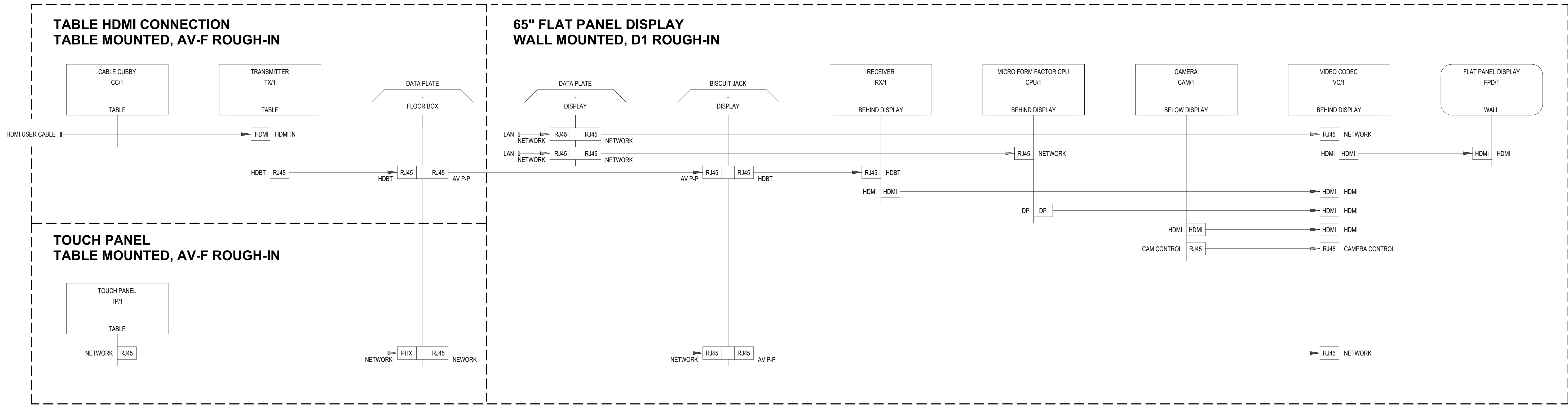
SHEET NUMBER

T50-12

© 2022 Perkins and Will



3/17/2022 2:52:24 PM Andrew Doss/Columbus - Nwp-Pw/CSO - ECP - 125015-2022-14



| AV EQUIPMENT SCHEDULE - NEXUS TYPE 2 |                       |              |                     |                                                                |
|--------------------------------------|-----------------------|--------------|---------------------|----------------------------------------------------------------|
| Device Number                        | Device Description    | Manufacturer | Model Number        | Manufacturer Description                                       |
| CAM/1                                | CAMERA                | CISCO        | QUAD CAMERA         | CAMERA                                                         |
| CC/1                                 | CABLE CUBBY           | EXTRON       | CABLE CUBBY 202     | CABLE CUBBY: INCLUDE CABLE PASS-THROUGH AAP AND BRACKETS       |
| CPU/1                                | MICRO FORM FACTOR CPU | DELL         | (OFCI)              | DELL MICRO FORM FACTOR CPU                                     |
| FPD/1                                | FLAT PANEL DISPLAY    | SAMSUNG      | QM65R               | 65" EDGE-LIT 4K UHD DISPLAY                                    |
| FPD/1                                | DISPLAY MOUNT         | RP VISUALS   | RPWM-32B-XM-UNV-NB  | WALLMATE 32 X-ARM SYSTEM AND UNIVERSAL 64 MOUNT SYSTEM, NO BOX |
| RX/1                                 | RECEIVER              | CRESTRON     | HD-RX-101-C-E       | HDBT RECEIVER                                                  |
| TP/1                                 | TOUCH PANEL           | CISCO        | TOUCH 10            | TOUCH SCREEN INTERFACE                                         |
| TX/1                                 | TRANSMITTER           | CRESTRON     | HD-TX-101-C-E       | HDBT TRANSMITTER                                               |
| VC/1                                 | VIDEO CODEC           | CISCO        | WEBEX ROOM KIT PLUS | VIDEO CONFENCING CODEC                                         |

1 NEXUS TYPE 2  
12" = 1'-0"

Perkins&Will

The Wigley Building  
410 North Michigan Ave.  
Suite 1500  
Chicago, IL 60611  
1.312.755.0770  
1.312.755.0775  
www.perkinswill.com

CONSULTANTS

CIVIL  
STRAND ASSOCIATES  
629 WASHINGTON ST.  
COLUMBUS, IN 47201

STRUCTURAL  
SSR, INC.  
2995 SIDCO DR.  
NASHVILLE, TN 37204  
MEP

SSR, INC.  
2995 SIDCO DR.  
NASHVILLE, TN 37204  
LANDSCAPING

MMSK  
200 S MERIDIAN ST.  
INDIANAPOLIS, IN 46225

OWNER

CITY OF COLUMBUS  
123 WASHINGTON ST.  
COLUMBUS, IN 47201

FACILITY  
FAIR OAKS MALL  
2380 25TH ST.  
COLUMBUS, IN 47201

CONTRACTOR  
TAYLOR BROS. CONSTRUCTION CO., INC.  
4555 MIDDLE RD.  
COLUMBUS, IN 47203

PROJECT

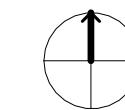
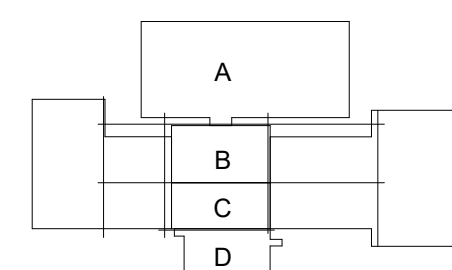
NEXUSPARK



City of Columbus

123 WASHINGTON ST.  
COLUMBUS, IN 47201

KEYPLAN



ISSUE CHART

|                                  |           |
|----------------------------------|-----------|
| FOR PROPOSAL - ENABLING & PH. 1A | 3/18/2022 |
| ISSUE                            | DATE      |

Job Number 023650.000  
TITLE

TECHNOLOGY  
AUDIOVISUAL SYSTEM  
- PHASE 1B

SHEET NUMBER

T50-21

© 2022 Perkins and Will



CONSULTANTS

STRAND ASSOCIATES  
629 WASHINGTON ST.  
COLUMBUS, IN 47201

SSR, INC.  
2995 SIOCCO DR.  
NASHVILLE, TN 37204

SSR, INC.  
2995 SIOCCO DR.  
NASHVILLE, TN 37204

MKS  
200 S MERIDIAN ST.  
INDIANAPOLIS, IN 46225

OWNER

CITY OF COLUMBUS  
123 WASHINGTON ST.  
COLUMBUS, IN 47201

FAIR OAKS MALL  
2380 25TH ST.  
COLUMBUS, IN 47201

CONTRACTOR  
TAYLOR BROS. CONSTRUCTION CO., INC.  
4555 MIDDLE RD.  
COLUMBUS, IN 47203

PROJECT

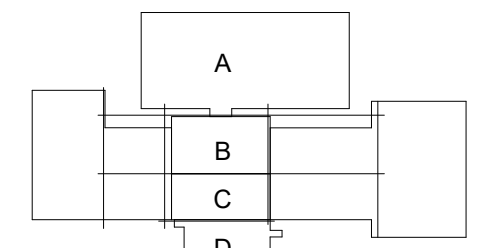
NEXUSPARK



City of Columbus

123 WASHINGTON ST.  
COLUMBUS, IN 47201

KEYPLAN



ISSUE CHART

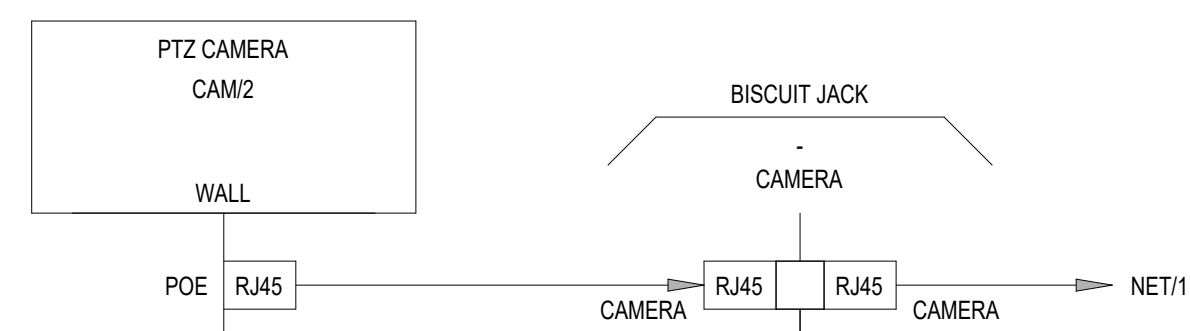
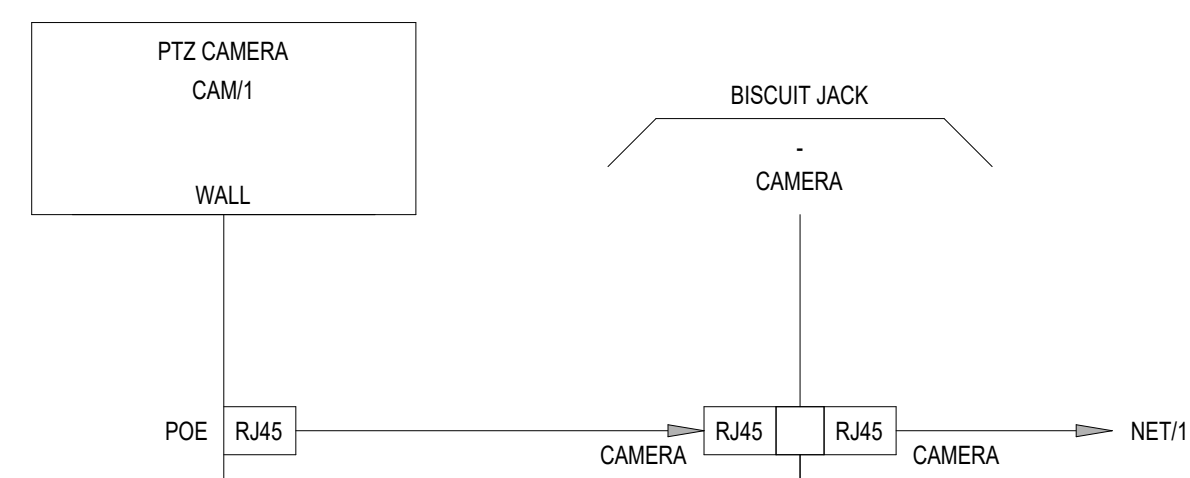
|            |                                    |           |
|------------|------------------------------------|-----------|
| 1          | FOR PROPOSAL - ENABLING & PHASE 1A | 3/16/2022 |
| ISSUE      | DATE                               |           |
| Job Number | 023650.000                         | TITLE     |

TECHNOLOGY  
AUDIOVISUAL SYSTEM  
- PHASE 1B

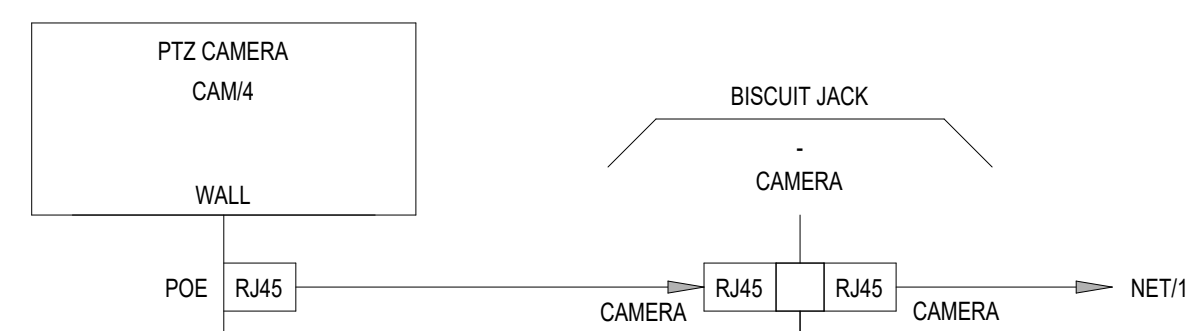
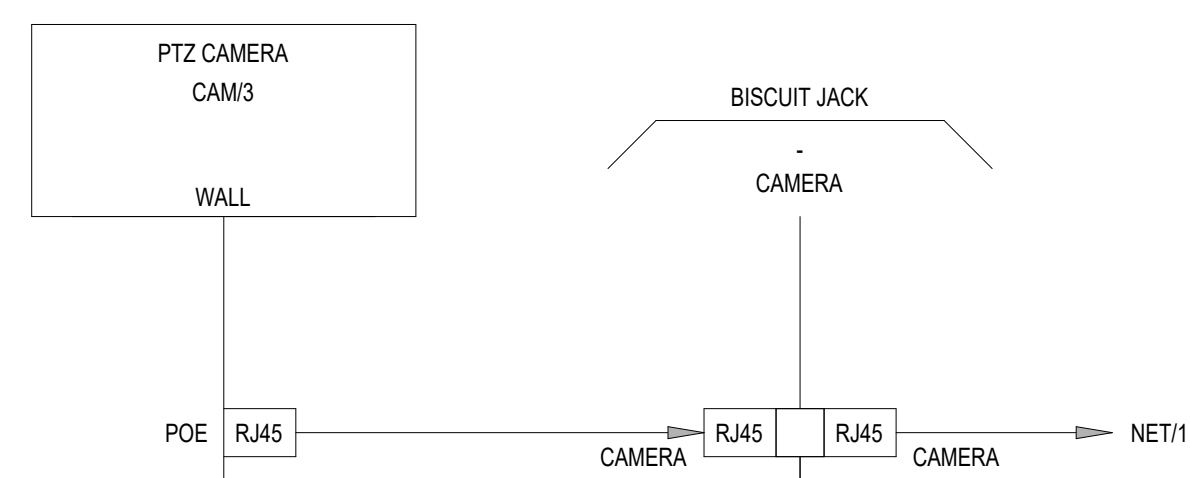
SHEET NUMBER

T50-22

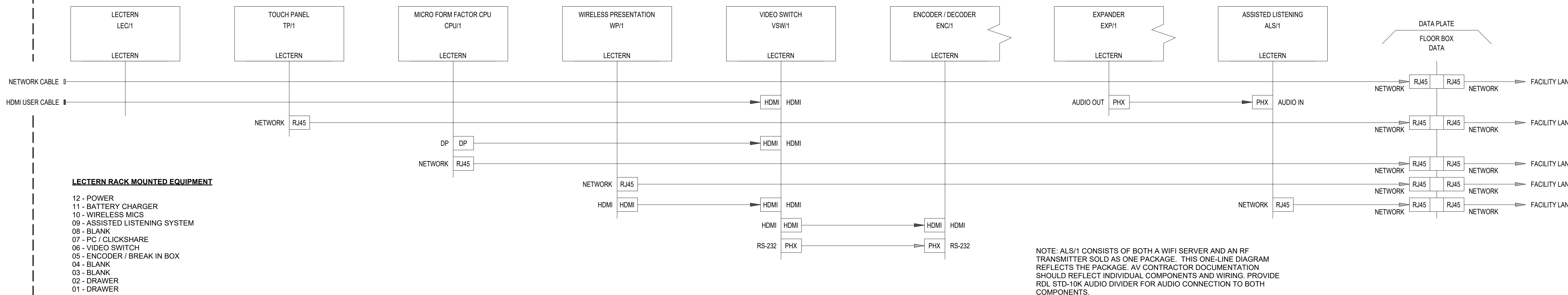
PTZ CAMERAS, MEETING ROOM H-120  
WALL MOUNTED, C1 ROUGH-INS



PTZ CAMERAS, MEETING ROOM H-121  
WALL MOUNTED, C1 ROUGH-INS

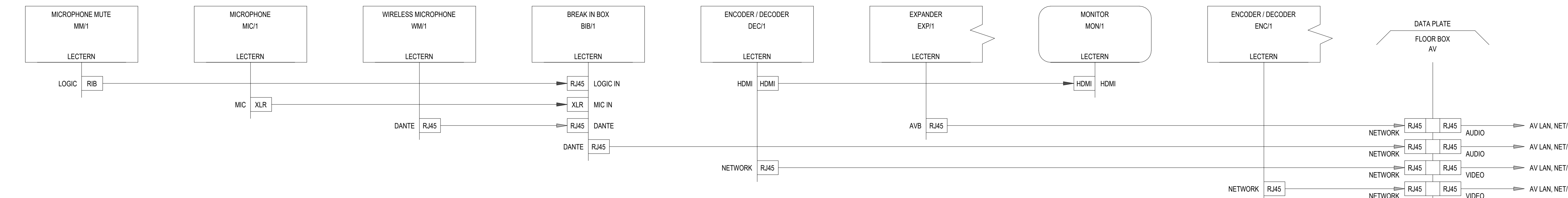


LECTERN - ONE (MEETING ROOM H-120  
FLOOR, AV-F ROUGH-IN



LECTERN RACK MOUNTED EQUIPMENT

- 12 - POWER
- 11 - BATTERY CHARGER
- 10 - WIRELESS MICS
- 09 - ASSISTED LISTENING SYSTEM
- 08 - BLANK
- 07 - PC / CLICKSHARE
- 06 - VIDEO SWITCH
- 05 - ENCODER / BREAK IN BOX
- 04 - BLANK
- 03 - BLANK
- 02 - DRAWER
- 01 - DRAWER



LECTERN RACK MOUNTED EQUIPMENT

- 12 - POWER
- 11 - BATTERY CHARGER
- 10 - WIRELESS MICS
- 09 - ASSISTED LISTENING SYSTEM
- 08 - BLANK
- 07 - PC / CLICKSHARE
- 06 - VIDEO SWITCH
- 05 - ENCODER / BREAK IN BOX
- 04 - BLANK
- 03 - BLANK
- 02 - DRAWER
- 01 - DRAWER

1 NEXUS TYPE 1 (1/3)

12" = 1'-0"



## CONSULTANTS

STRAND ASSOCIATES

629 WASHINGTON ST.  
COLUMBUS, IN 47201

SYNTHETICAL

SSR, INC.

2995 SIOCCO DR.  
NASHVILLE, TN 37204

MEP

SSR, INC.

2995 SIOCCO DR.  
NASHVILLE, TN 37204

LANDSCAPING

MKSK

200 S MERIDIAN ST.  
INDIANAPOLIS, IN 46225

OWNER

CITY OF COLUMBUS

123 WASHINGTON ST.  
COLUMBUS, IN 47201

FACILITY

FAIR OAKS MALL

2380 25TH ST.  
COLUMBUS, IN 47201

CONTRACTOR

TAYLOR BROS. CONSTRUCTION CO., INC.

4655 MIDDLE RD.  
COLUMBUS, IN 47203

PROJECT

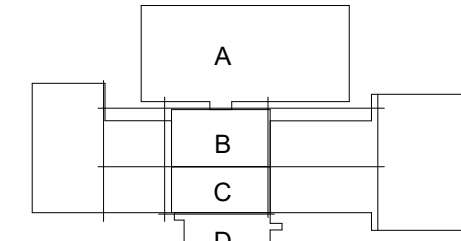
NEXUSPARK

columbusindiana  
unapexacted.unforgettable.

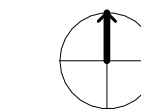
City of Columbus

123 WASHINGTON ST.  
COLUMBUS, IN 47201

KEYPLAN



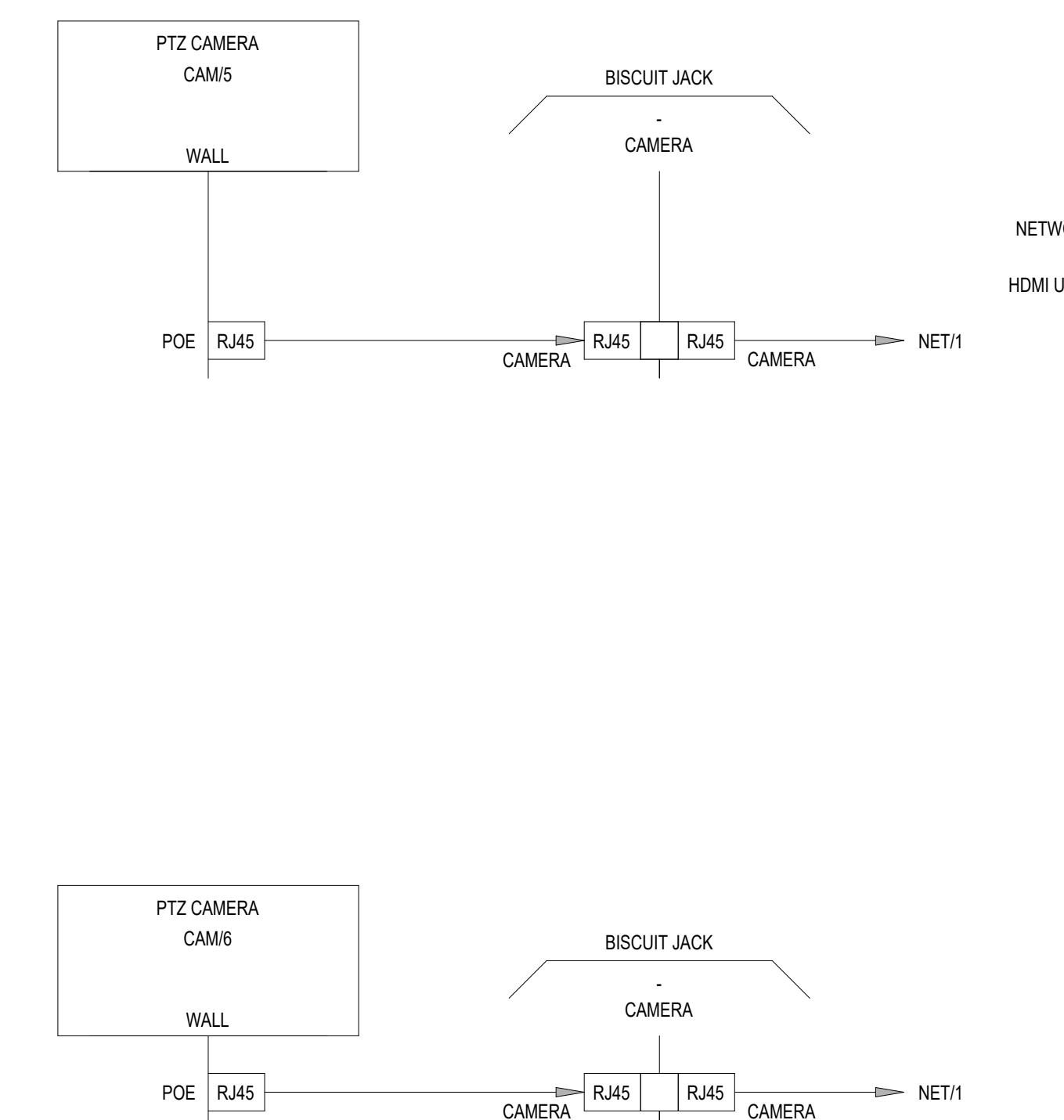
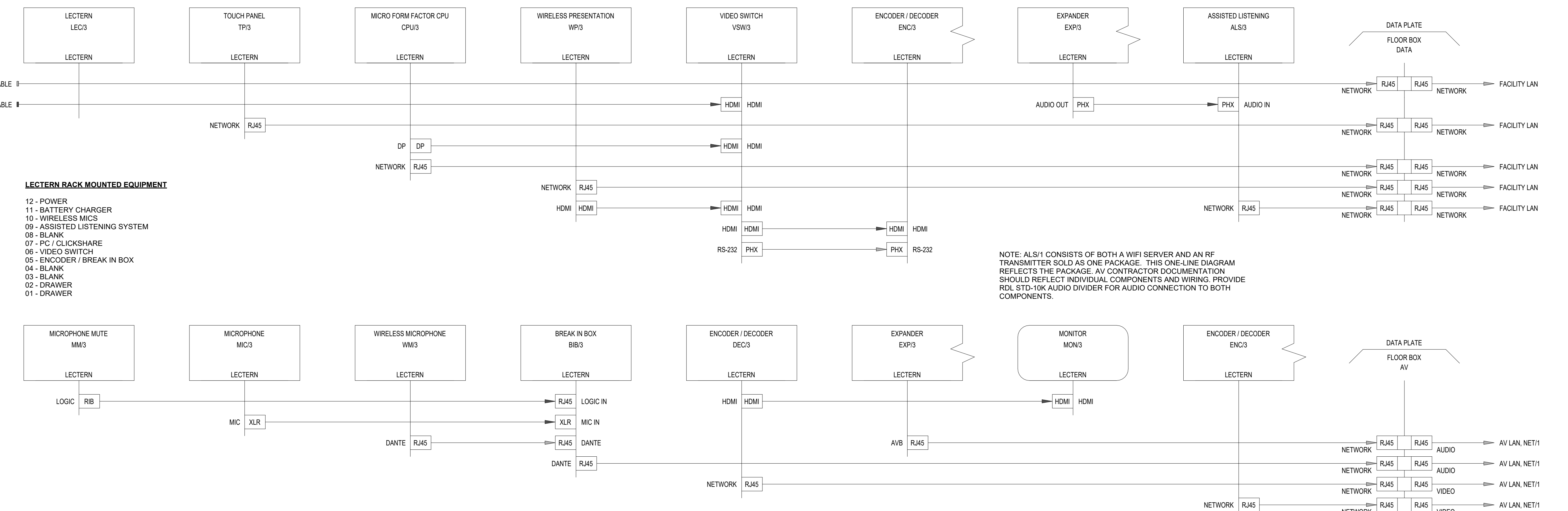
ISSUE CHART

FOR PROPOSAL - ENABLING & PHASE 1A  
DATE: 3/16/2022  
JOB NUMBER: 023650.000  
TITLETECHNOLOGY  
AUDIOVISUAL SYSTEM  
- PHASE 1B

SHEET NUMBER

T50-23

© 2022 Perkins and Will

PTZ CAMERAS, MEETING ROOM H-122  
WALL MOUNTED, C1 ROUGH-INSLECTERN - THREE (MEETING ROOM H-122)  
FLOOR, AV-F ROUGH-IN

## LECTERN RACK MOUNTED EQUIPMENT

- 12 - POWER
- 11 - BATTERY CHARGER
- 10 - WIRELESS MICS
- 09 - ASSISTED LISTENING SYSTEM
- 08 - BLANK
- 07 - PC / CLICKSHARE
- 06 - VIDEO SWITCH
- 05 - ENCODER / BREAK IN BOX
- 04 - BLANK
- 03 - BLANK
- 02 - DRAWER
- 01 - DRAWER

1

NEXUS TYPE 1 (2/3)

12" = 1'-0"

| AV EQUIPMENT SCHEDULE - NEXUS TYPE 1 |                          |              |                   |                                                                                                          |
|--------------------------------------|--------------------------|--------------|-------------------|----------------------------------------------------------------------------------------------------------|
| Device Number                        | Device Description       | Manufacturer | Model Number      | Manufacturer Description                                                                                 |
| ALS/1                                | ASSISTED LISTENING       | LISTEN       | LA-326            | RACK MOUNTING KIT                                                                                        |
| ALS/1                                | ASSISTED LISTENING       | LISTEN       | LCS-120-01        | ADA KIT, WIFI SERVER, RF TX, TWO RF RX WITH EAR SPK/LOOP LANYARDS AND CHARGER                            |
| ALS/2                                | ASSISTED LISTENING       | LISTEN       | LA-326            | RACK MOUNTING KIT                                                                                        |
| ALS/2                                | ASSISTED LISTENING       | LISTEN       | LCS-120-01        | ADA KIT, WIFI SERVER, RF TX, TWO RF RX WITH EAR SPK/LOOP LANYARDS AND CHARGER                            |
| ALS/3                                | ASSISTED LISTENING       | LISTEN       | LA-326            | RACK MOUNTING KIT                                                                                        |
| ALS/3                                | ASSISTED LISTENING       | LISTEN       | LCS-120-01        | ADA KIT, WIFI SERVER, RF TX, TWO RF RX WITH EAR SPK/LOOP LANYARDS AND CHARGER                            |
| AMP/1                                | AMPLIFIER                | CRESTRON     | AMP-4600          | FOUR CHANNEL AMPLIFIER 600W 70V                                                                          |
| AMP/2                                | AMPLIFIER                | CRESTRON     | AMP-4600          | FOUR CHANNEL AMPLIFIER 600W 70V                                                                          |
| AVB/1                                | AV BRIDGE                | VADDIO       | 999-60320-000     | USB CAMERA INTERFACE, EASY IP MIXER                                                                      |
| AVB/2                                | AV BRIDGE                | VADDIO       | 999-60320-000     | USB CAMERA INTERFACE, EASY IP MIXER                                                                      |
| AVB/3                                | AV BRIDGE                | VADDIO       | 999-60320-000     | USB CAMERA INTERFACE, EASY IP MIXER                                                                      |
| BIB/1                                | BREAK IN BOX             | CLOCK AUDIO  | CDT 100           | DANTE / LOGIC MICROPHONE INTERFACE                                                                       |
| BIB/2                                | BREAK IN BOX             | CLOCK AUDIO  | CDT 100           | DANTE / LOGIC MICROPHONE INTERFACE                                                                       |
| BIB/3                                | BREAK IN BOX             | CLOCK AUDIO  | CDT 100           | DANTE / LOGIC MICROPHONE INTERFACE                                                                       |
| BP/1                                 | WIRELESS MICROPHONE      | SHURE        | ULXD1             | DIGITAL BODY PACK TRANSMITTER                                                                            |
| BP/2                                 | WIRELESS MICROPHONE      | SHURE        | ULXD1             | DIGITAL BODY PACK TRANSMITTER                                                                            |
| BRC/1                                | BATTERY CHARGER          | SHURE        | SBRC              | BATTERY CHARGER, RACK MOUNTED, PROVIDE WITH CHARGING MODULE(S) TO MATCH MICROPHONE TYPES AND QUANTITIES. |
| BRC/2                                | BATTERY CHARGER          | SHURE        | SBRC              | BATTERY CHARGER, RACK MOUNTED, PROVIDE WITH CHARGING MODULE(S) TO MATCH MICROPHONE TYPES AND QUANTITIES. |
| BRC/3                                | BATTERY CHARGER          | SHURE        | SBRC              | BATTERY CHARGER, RACK MOUNTED, PROVIDE WITH CHARGING MODULE(S) TO MATCH MICROPHONE TYPES AND QUANTITIES. |
| CAM/1                                | PTZ CAMERA               | VADDIO       | 999-30200-000W    | EASYIP 10 AV OVER IP CAMERA - WHITE, POE                                                                 |
| CAM/2                                | PTZ CAMERA               | VADDIO       | 999-30200-000W    | EASYIP 10 AV OVER IP CAMERA - WHITE, POE                                                                 |
| CAM/3                                | PTZ CAMERA               | VADDIO       | 999-30200-000W    | EASYIP 10 AV OVER IP CAMERA - WHITE, POE                                                                 |
| CAM/4                                | PTZ CAMERA               | VADDIO       | 999-30200-000W    | EASYIP 10 AV OVER IP CAMERA - WHITE, POE                                                                 |
| CAM/5                                | PTZ CAMERA               | VADDIO       | 999-30200-000W    | EASYIP 10 AV OVER IP CAMERA - WHITE, POE                                                                 |
| CAM/6                                | PTZ CAMERA               | VADDIO       | 999-30200-000W    | EASYIP 10 AV OVER IP CAMERA - WHITE, POE                                                                 |
| CP/1                                 | CONTROL PROCESSOR        | CRESTRON     | CP4N              | SERIES-4 CONTROL PROCESSOR                                                                               |
| CPU/1                                | MICRO FORM FACTOR CPU    | DELL         | (OFCI)            | DELL MICRO FORM FACTOR CPU                                                                               |
| CPU/2                                | MICRO FORM FACTOR CPU    | DELL         | (OFCI)            | DELL MICRO FORM FACTOR CPU                                                                               |
| CPU/3                                | MICRO FORM FACTOR CPU    | DELL         | (OFCI)            | DELL MICRO FORM FACTOR CPU                                                                               |
| DEC/1                                | ENCODER / DECODER        | CRESTRON     | DM-NVX-360        | AV ENCODER / DECODER SINGLE INPUT                                                                        |
| DEC/2                                | ENCODER / DECODER        | CRESTRON     | DM-NVX-360        | AV ENCODER / DECODER SINGLE INPUT                                                                        |
| DEC/3                                | ENCODER / DECODER        | CRESTRON     | DM-NVX-360        | AV ENCODER / DECODER SINGLE INPUT                                                                        |
| DEC/4                                | ENCODER / DECODER        | CRESTRON     | DM-NVX-360        | AV ENCODER / DECODER SINGLE INPUT                                                                        |
| DEC/5                                | ENCODER / DECODER        | CRESTRON     | DM-NVX-360        | AV ENCODER / DECODER SINGLE INPUT                                                                        |
| DEC/6                                | ENCODER / DECODER        | CRESTRON     | DM-NVX-360        | AV ENCODER / DECODER SINGLE INPUT                                                                        |
| DEC/7                                | ENCODER / DECODER        | CRESTRON     | DM-NVX-360        | AV ENCODER / DECODER SINGLE INPUT                                                                        |
| DEC/8                                | ENCODER / DECODER        | CRESTRON     | DM-NVX-360        | AV ENCODER / DECODER SINGLE INPUT                                                                        |
| DEC/9                                | ENCODER / DECODER        | CRESTRON     | DM-NVX-360        | AV ENCODER / DECODER SINGLE INPUT                                                                        |
| DIR/1                                | DIRECTOR                 | CRESTRON     | DM-NVX-DIR-160    | NVX DIRECTOR                                                                                             |
| DSP/1                                | DIGITAL SIGNAL PROCESSOR | BIAMP        | TESERA SERVER I/O | DIGITAL SIGNAL PROCESSOR, AVB, PROVIDE CARDS TO SUPPORT IO CHANNEL COUNT, PROVIDE AEC FOR ALL INPUTS     |
| ENC/1                                | ENCODER / DECODER        | CRESTRON     | DM-NVX-360        | AV ENCODER / DECODER SINGLE INPUT                                                                        |

| AV EQUIPMENT SCHEDULE - NEXUS TYPE 1 |                       |                    |                 |                                                                                                                                                                 |
|--------------------------------------|-----------------------|--------------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Device Number                        | Device Description    | Manufacturer       | Model Number    | Manufacturer Description                                                                                                                                        |
| ENC/2                                | ENCODER / DECODER     | CRESTRON           | DM-NVX-360      | AV ENCODER / DECODER SINGLE INPUT                                                                                                                               |
| ENC/3                                | ENCODER / DECODER     | CRESTRON           | DM-NVX-360      | AV ENCODER / DECODER SINGLE INPUT                                                                                                                               |
| ENC/4                                | ENCODER / DECODER     | CRESTRON           | DM-NVX-360      | AV ENCODER / DECODER SINGLE INPUT                                                                                                                               |
| ENC/5                                | ENCODER / DECODER     | CRESTRON           | DM-NVX-360      | AV ENCODER / DECODER SINGLE INPUT                                                                                                                               |
| ENC/6                                | ENCODER / DECODER     | CRESTRON           | DM-NVX-360      | AV ENCODER / DECODER SINGLE INPUT                                                                                                                               |
| EXP/1                                | EXPANDER              | BIAMP              | TESERA EX-IO    | AVB BREAK-IN / BREAK-OUT                                                                                                                                        |
| EXP/2                                | EXPANDER              | BIAMP              | TESERA EX-IO    | AVB BREAK-IN / BREAK-OUT                                                                                                                                        |
| EXP/3                                | EXPANDER              | BIAMP              | TESERA EX-IO    | AVB BREAK-IN / BREAK-OUT                                                                                                                                        |
| HH/1                                 | WIRELESS MICROPHONE   | SHURE              | ULXD2/B87A      | HANDHELD TRANSMITTER WITH BETA 87A CAPSULE                                                                                                                      |
| HH/2                                 | WIRELESS MICROPHONE   | SHURE              | ULXD2/B87A      | HANDHELD TRANSMITTER WITH BETA 87A CAPSULE                                                                                                                      |
| HH/3                                 | WIRELESS MICROPHONE   | SHURE              | ULXD2/B87A      | HANDHELD TRANSMITTER WITH BETA 87A CAPSULE                                                                                                                      |
| LAV/1                                | WIRELESS MICROPHONE   | SHURE              | MX150B/C-TQG    | SUBMINIATURE LAVALIER MIC, CARDIOD, BLACK, PROVIDE WITH WA330 ADAPTER                                                                                           |
| LAV/2                                | WIRELESS MICROPHONE   | SHURE              | MX150B/C-TQG    | SUBMINIATURE LAVALIER MIC, CARDIOD, BLACK, PROVIDE WITH WA330 ADAPTER                                                                                           |
| LAV/3                                | WIRELESS MICROPHONE   | SHURE              | MX150B/C-TQG    | SUBMINIATURE LAVALIER MIC, CARDIOD, BLACK, PROVIDE WITH WA330 ADAPTER                                                                                           |
| LEC/1                                | LECTERN               | MARSHALL FURNITURE | MF# 37224RP     | ADA COMPLIANT LECTERN, REFER TO MARSHALL PRODUCT NUMBER FOR CONFIGURATION, COORDINATE FINISH WITH ARCHITECT.                                                    |
| LEC/2                                | LECTERN               | MARSHALL FURNITURE | MF# 37224RP     | ADA COMPLIANT LECTERN, REFER TO MARSHALL PRODUCT NUMBER FOR CONFIGURATION, COORDINATE FINISH WITH ARCHITECT.                                                    |
| LEC/3                                | LECTERN               | MARSHALL FURNITURE | MF# 37224RP     | ADA COMPLIANT LECTERN, REFER TO MARSHALL PRODUCT NUMBER FOR CONFIGURATION, COORDINATE FINISH WITH ARCHITECT.                                                    |
| MIC/1                                | MICROPHONE            | CLOCK AUDIO        | C33E/SR-RF      | 14.9" SEMI RIGID CARDIOD MIC, XLR BASE                                                                                                                          |
| MIC/2                                | MICROPHONE            | CLOCK AUDIO        | C33E/SR-RF      | 14.9" SEMI RIGID CARDIOD MIC, XLR BASE                                                                                                                          |
| MIC/3                                | MICROPHONE            | CLOCK AUDIO        | C33E/SR-RF      | 14.9" SEMI RIGID CARDIOD MIC, XLR BASE                                                                                                                          |
| MM/1                                 | MICROPHONE MUTE       | CLOCK AUDIO        | TS005           | CAPACITIVE TOUCH, MUTE WITH LED FEEDBACK AND DSP CONNECTION INTERFACE                                                                                           |
| MM/2                                 | MICROPHONE MUTE       | CLOCK AUDIO        | TS005           | CAPACITIVE TOUCH, MUTE WITH LED FEEDBACK AND DSP CONNECTION INTERFACE                                                                                           |
| MM/3                                 | MICROPHONE MUTE       | CLOCK AUDIO        | TS005           | CAPACITIVE TOUCH, MUTE WITH LED FEEDBACK AND DSP CONNECTION INTERFACE                                                                                           |
| MMT/1                                | MICROPHONE MOUNT      | CLOCK AUDIO        | SM 10           | SHOCK MOUNT, XLR BASE                                                                                                                                           |
| MMT/2                                | MICROPHONE MOUNT      | CLOCK AUDIO        | SM 10           | SHOCK MOUNT, XLR BASE                                                                                                                                           |
| MMT/3                                | MICROPHONE MOUNT      | CLOCK AUDIO        | SM 10           | SHOCK MOUNT, XLR BASE                                                                                                                                           |
| MON/1                                | MONITOR               | PLANAR             | IX2790          | 27" 5K LCD MONITOR                                                                                                                                              |
| MON/2                                | MONITOR               | PLANAR             | IX2790          | 27" 5K LCD MONITOR                                                                                                                                              |
| MON/3                                | MONITOR               | PLANAR             | IX2790          | 27" 5K LCD MONITOR                                                                                                                                              |
| NET/1                                | NETWORK SWITCH        | EXTREME NETWORKS   | X460-G2-48P-GE4 | 48 PORT SWITCH, PROVIDE WITH MULTIMEDIA (AVB) FEATURE PACK (16426) AND DUAL 1100W POWER SUPPLIES, PROVIDE WITH X460-G2 VIM-2SS SUMMIT STACK MODULE AS REQUIRED. |
| PS/1                                 | PROJECTION SCREEN     | DA-LITE            | 21813LS         | 72.5"H x 116"W CEILING RECESSED, TENSIONED PROJECTION SCREEN, ASPECT RATIO 16:10, HD PROGRESSIVE 0.9 SCREEN SURFACE, 12" STANDARD BLACK DROP                    |
| PS/2                                 | PROJECTION SCREEN     | DA-LITE            | 21813LS         | 72.5"H x 116"W CEILING RECESSED, TENSIONED PROJECTION SCREEN, ASPECT RATIO 16:10, HD PROGRESSIVE 0.9 SCREEN SURFACE, 12" STANDARD BLACK DROP                    |
| PS/3                                 | PROJECTION SCREEN     | DA-LITE            | 21813LS         | 72.5"H x 116"W CEILING RECESSED, TENSIONED PROJECTION SCREEN, ASPECT RATIO 16:10, HD PROGRESSIVE 0.9 SCREEN SURFACE, 12" STANDARD BLACK DROP                    |
| RD/1                                 | RACK DRAWER           | MIDDLE ATLANTIC    | D2              | 2 RU RACK DRAWER, PROVIDE WITH FI-2 FOAM INSERT                                                                                                                 |
| RD/2                                 | RACK DRAWER           | MIDDLE ATLANTIC    | D2              | 2 RU RACK DRAWER, PROVIDE WITH FI-2 FOAM INSERT                                                                                                                 |
| RD/3                                 | RACK DRAWER           | MIDDLE ATLANTIC    | D2              | 2 RU RACK DRAWER, PROVIDE WITH FI-2 FOAM INSERT                                                                                                                 |
| TP/1                                 | TOUCH PANEL           | CRESTRON           | TS-1070-W-S     | TOUCH SCREEN INTERFACE - TABLE TOP, WHITE                                                                                                                       |
| TP/2                                 | TOUCH PANEL           | CRESTRON           | TS-1070-W-S     | TOUCH SCREEN INTERFACE - TABLE TOP, WHITE                                                                                                                       |
| TP/3                                 | TOUCH PANEL           | CRESTRON           | TS-1070-W-S     | TOUCH SCREEN INTERFACE - TABLE TOP, WHITE                                                                                                                       |
| VC/1                                 | VIDEO CONFERENCE      | CISCO              | WEBEX CODEC PRO | VIDEO CONFENCING CODEC                                                                                                                                          |
| VC/2                                 | VIDEO CONFERENCE      | CISCO              | WEBEX CODEC PRO | VIDEO CONFENCING CODEC                                                                                                                                          |
| VC/3                                 | VIDEO CONFERENCE      | CISCO              | WEBEX CODEC PRO | VIDEO CONFENCING CODEC                                                                                                                                          |
| VP/1                                 | VIDEO PROJECTOR       | PANASONIC          | PT-RZ570W       | 5400 LUMEN LASER PROJECTOR                                                                                                                                      |
| VP/2                                 | VIDEO PROJECTOR       | PANASONIC          | PT-RZ570W       | 5400 LUMEN LASER PROJECTOR                                                                                                                                      |
| VP/3                                 | VIDEO PROJECTOR       | PANASONIC          | PT-RZ570W       | 5400 LUMEN LASER PROJECTOR                                                                                                                                      |
| VSU/1                                | VIDEO SWITCH          | CRESTRON           | HD-MD4X1-4K-E   | 4 INPUT HDMI SWITCH                                                                                                                                             |
| VSU/2                                | VIDEO SWITCH          | CRESTRON           | HD-MD4X1-4K-E   | 4 INPUT HDMI SWITCH                                                                                                                                             |
| VSU/3                                | VIDEO SWITCH          | CRESTRON           | HD-MD4X1-4K-E   | 4 INPUT HDMI SWITCH                                                                                                                                             |
| WM/1                                 | WIRELESS MICROPHONE   | SHURE              | ULXD4D          | DUAL CHANNEL WIRELESS RX                                                                                                                                        |
| WM/2                                 | WIRELESS MICROPHONE   | SHURE              | ULXD4D          | DUAL CHANNEL WIRELESS RX                                                                                                                                        |
| WM/3                                 | WIRELESS MICROPHONE   | SHURE              | ULXD4D          | DUAL CHANNEL WIRELESS RX                                                                                                                                        |
| WP/1                                 | WIRELESS PRESENTATION | BARCO              | CSE-200         | WIRELESS PRESENTATION SYSTEM                                                                                                                                    |
| WP/2                                 | WIRELESS PRESENTATION | BARCO              | CSE-200         | WIRELESS PRESENTATION SYSTEM                                                                                                                                    |
| WP/3                                 | WIRELESS PRESENTATION | BARCO              | CSE-200         | WIRELESS PRESENTATION SYSTEM                                                                                                                                    |



CONSULTANTS

STRAND ASSOCIATES  
629 WASHINGTON ST.  
COLUMBUS, IN 47201

SSR, INC.  
2995 SIDCO DR.  
NASHVILLE, TN 37204

SSR, INC.  
2995 SIDCO DR.  
NASHVILLE, TN 37204

MKS  
200 S MERIDIAN ST.  
INDIANAPOLIS, IN 46225

CITY OF COLUMBUS  
123 WASHINGTON ST.  
COLUMBUS, IN 47201

FAIR OAKS MALL  
2380 25TH ST.  
COLUMBUS, IN 47201

TAYLOR BROS. CONSTRUCTION CO., INC.  
4555 MIDDLE RD.  
COLUMBUS, IN 47203

PROJECT

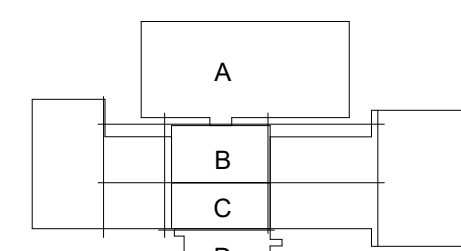
NEXUSPARK



City of Columbus

123 WASHINGTON ST.  
COLUMBUS, IN 47201

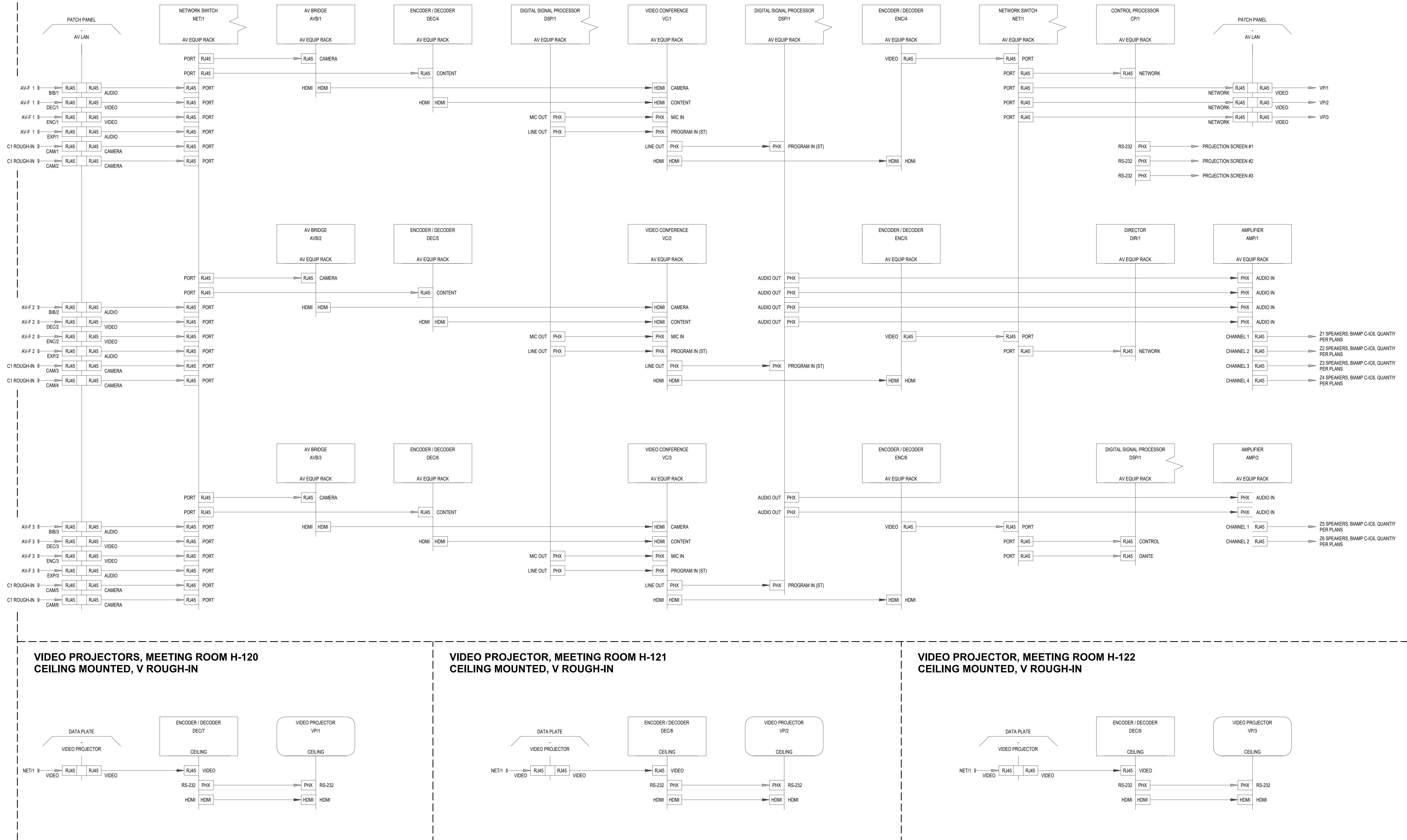
KEYPLAN



ISSUE CHART

ISSUED FOR PROPOSAL - ENABLING & PHASE 1A 03/18/2022

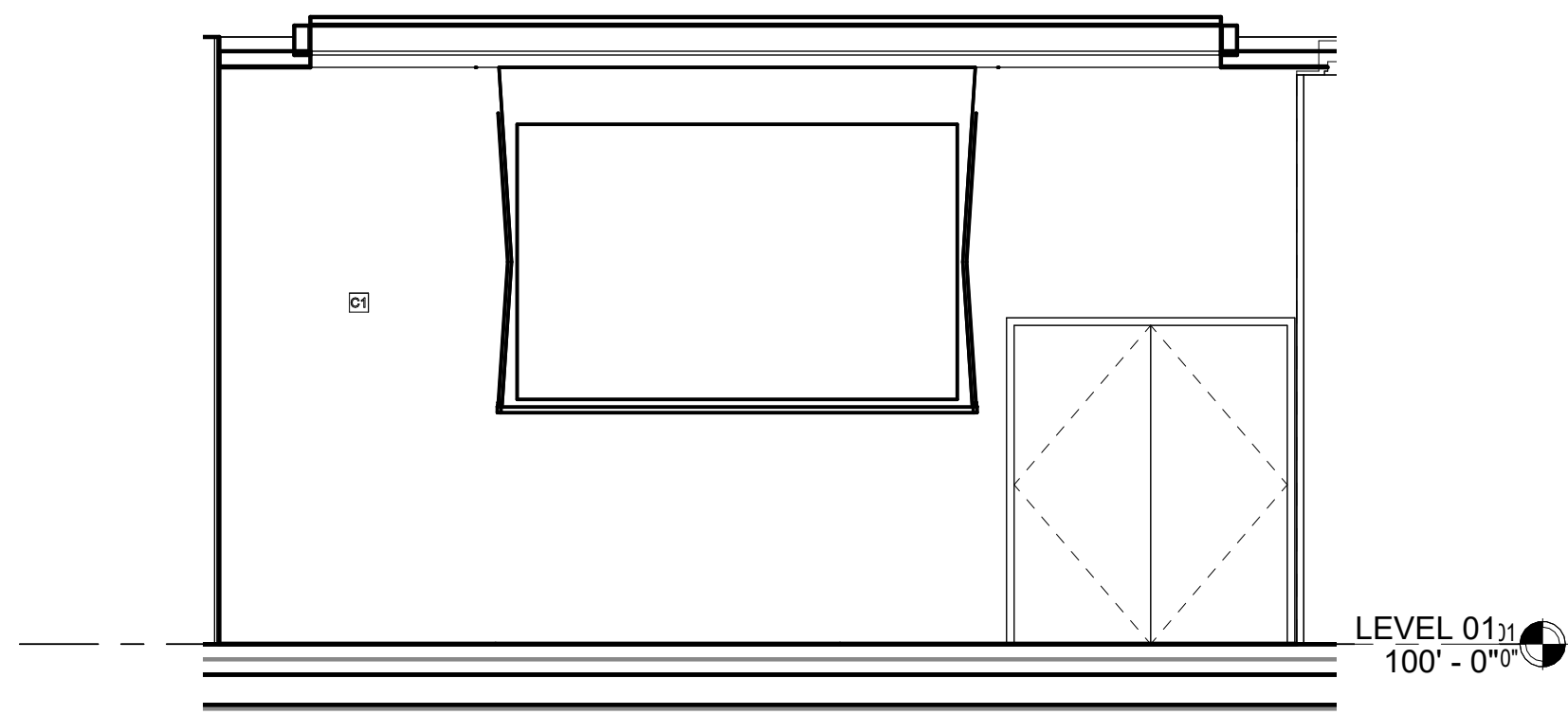
AUDIO VISUAL EQUIPMENT RACK  
TR ROOM XXX



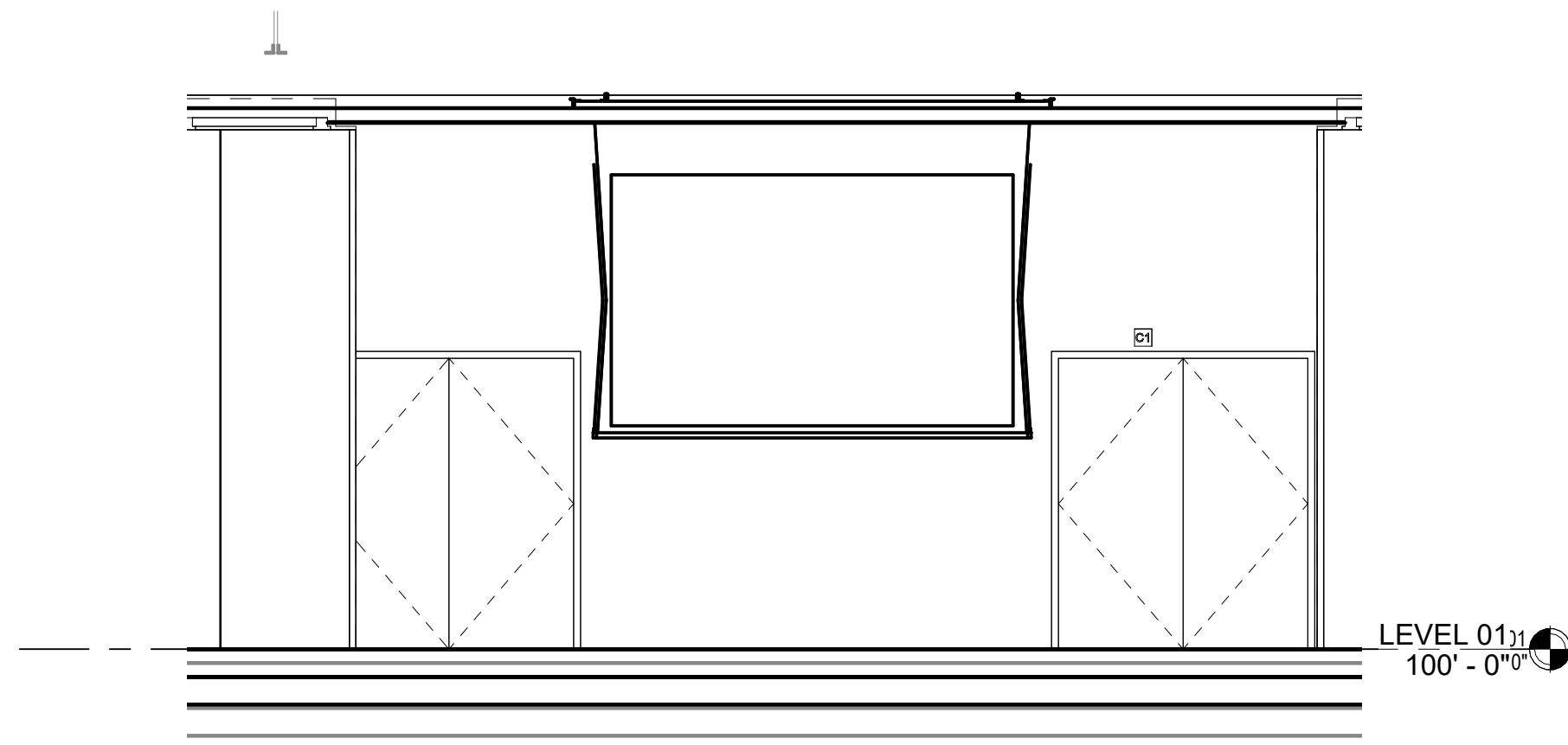
1 NEXUS TYPE 1 (3/3)

12" x 11-0"

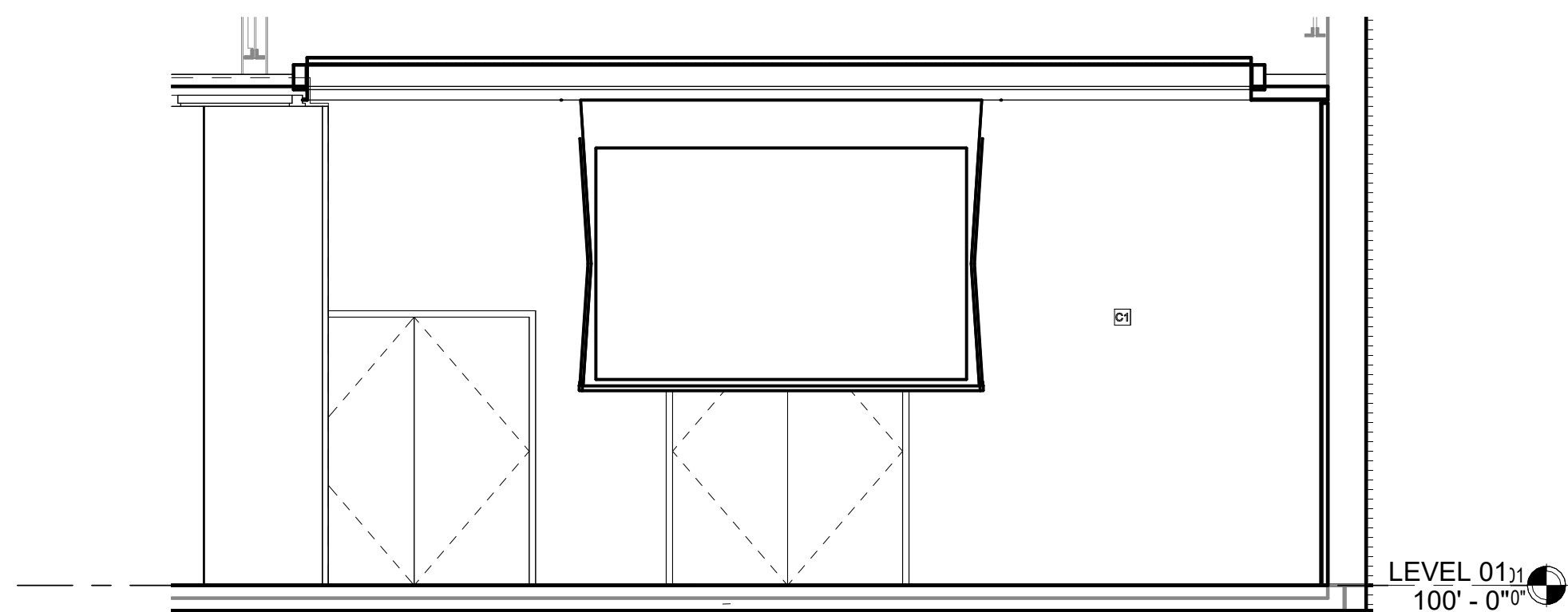




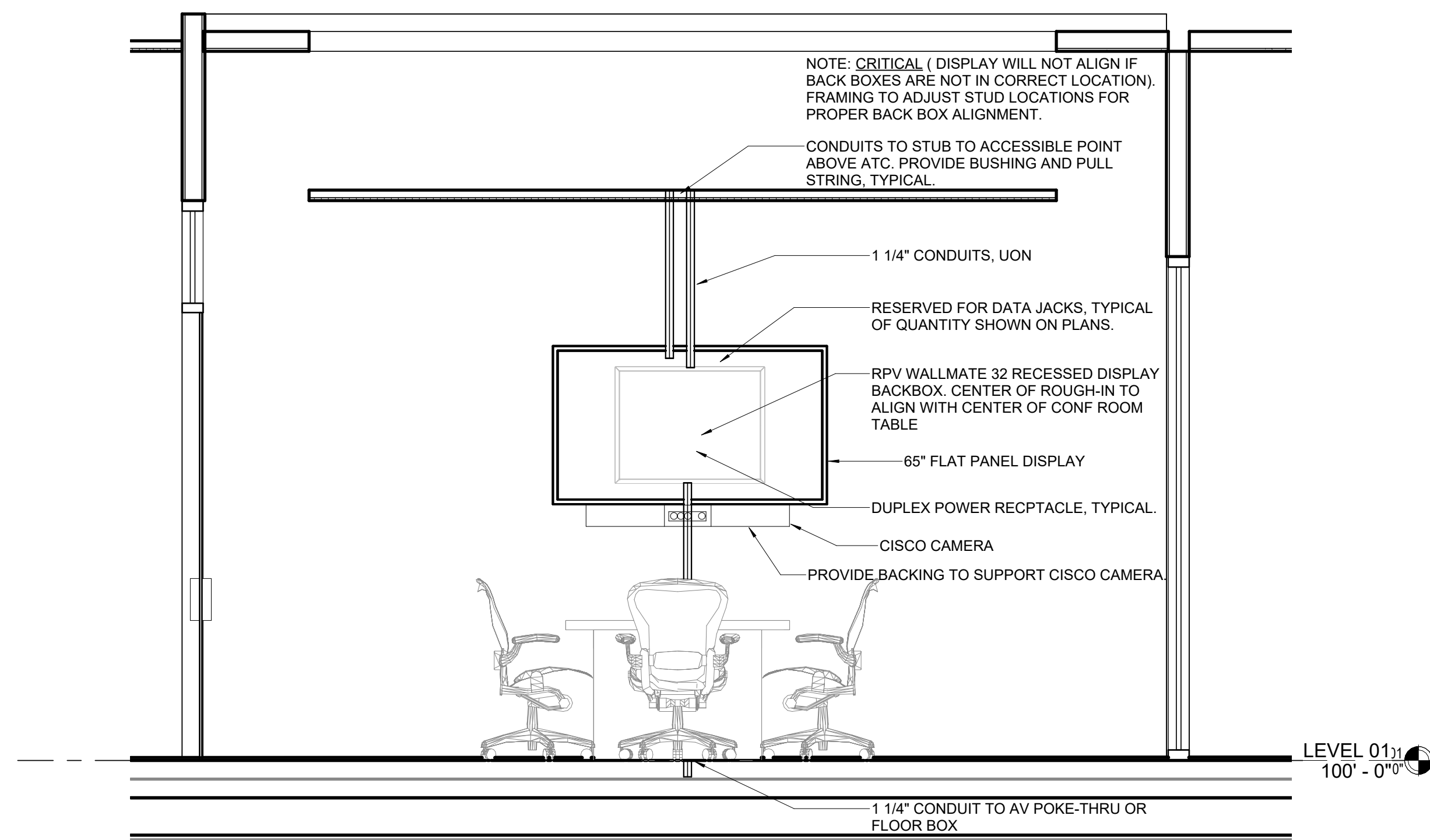
1 MEETING ROOM H-120 PROJECT SCREEN ELEVATION  
1/4" = 1'-0"



2 MEETING ROOM H-121 PROJECTION SCREEN ELEVATION  
1/4" = 1'-0"



3 MEETING ROOM H-122 PROJECTION SCREEN ELEVATION  
1/4" = 1'-0"



4 CONFERENCE ROOM H-130B CONFERENCE ROOM DISPLAY ELEVATION  
1/2" = 1'-0"

## Perkins&Will

The Wigwag Building  
410 North Michigan Ave.  
Suite 1500  
Chicago, IL 60611  
1.312.755.0770  
1.312.755.0775  
www.perkinswill.com

### CONSULTANTS

CIVIL

STRAND ASSOCIATES  
629 WASHINGTON ST.  
COLUMBUS, IN 47201

STRUCTURAL

SSR, INC.  
2995 SIDCO DR.  
NASHVILLE, TN 37204

MEP

SSR, INC.  
2995 SIDCO DR.  
NASHVILLE, TN 37204

LANDSCAPING

MKS&K  
200 S MERIDIAN ST.  
INDIANAPOLIS, IN 46225

### OWNER

CITY OF COLUMBUS  
123 WASHINGTON ST.  
COLUMBUS, IN 47201

FACILITY

FAIR OAKS MALL  
2380 20TH ST.  
COLUMBUS, IN 47201

CONTRACTOR

TAYLOR BROS. CONSTRUCTION CO., INC.  
4555 MIDDLE RD.  
COLUMBUS, IN 47203

### PROJECT

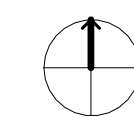
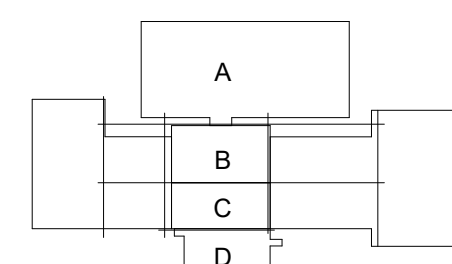
### NEXUSPARK



### City of Columbus

123 WASHINGTON ST.  
COLUMBUS, IN 47201

### KEYPLAN



### ISSUE CHART

| NO. | DESCRIPTION                      | DATE      |
|-----|----------------------------------|-----------|
| 1   | FOR PROPOSAL - ENABLING & PH. 1A | 3/18/2022 |

Job Number 023650.000

TITLE  
TECHNOLOGY  
AUDIOVISUAL SYSTEM  
ELEVATIONS - PHASE  
1B  
SHEET NUMBER

T50-25



## CONSULTANTS

CH2M  
STRAND ASSOCIATES  
629 WASHINGTON ST.  
COLUMBUS, IN 47201

STRUCTURAL  
SSR, INC.  
2995 SIDCO DR.  
NASHVILLE, TN 37294

MEP  
SSR, INC.  
2995 SIDCO DR.  
NASHVILLE, TN 37294

LANDSCAPE  
MCKS  
220 S MERIDIAN ST.  
INDIANAPOLIS, IN 46225

## OWNER

CITY OF COLUMBUS  
123 WASHINGTON ST.  
COLUMBUS, IN 47201

FACILITY  
FAIR OAKS MALL  
2380 25TH ST.  
COLUMBUS, IN 47201

CONTRACTOR  
TAYLOR BROS. CONSTRUCTION CO., INC.  
4555 MIDDLE RD.  
COLUMBUS, IN 47203

## PROJECT

## NEXUSPARK



City of Columbus

123 WASHINGTON ST.  
COLUMBUS, IN 47201

## ISSUE CHART

ISSUED FOR PROPOSAL - ENABLING &amp; PHASE 1A 03/18/2022

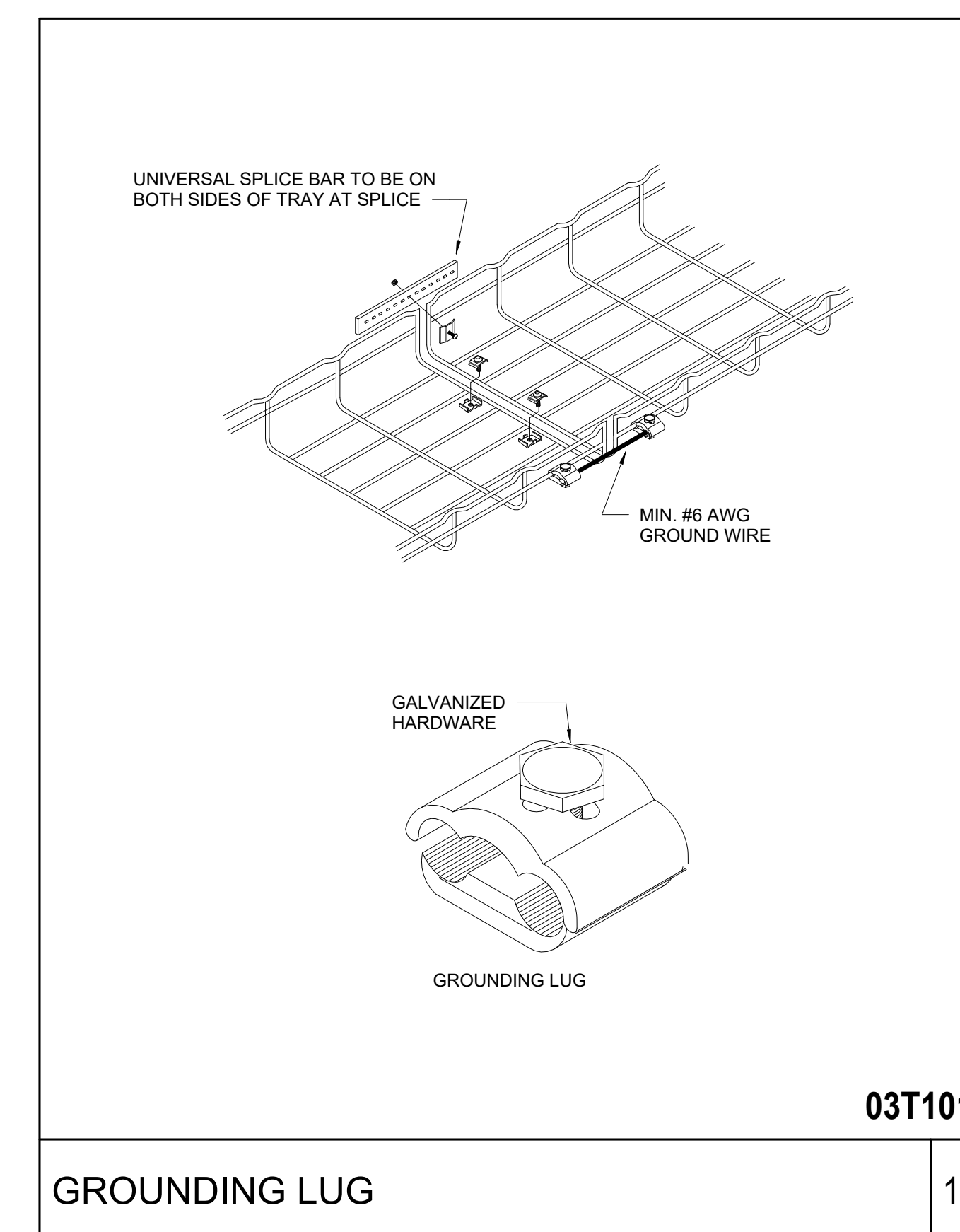
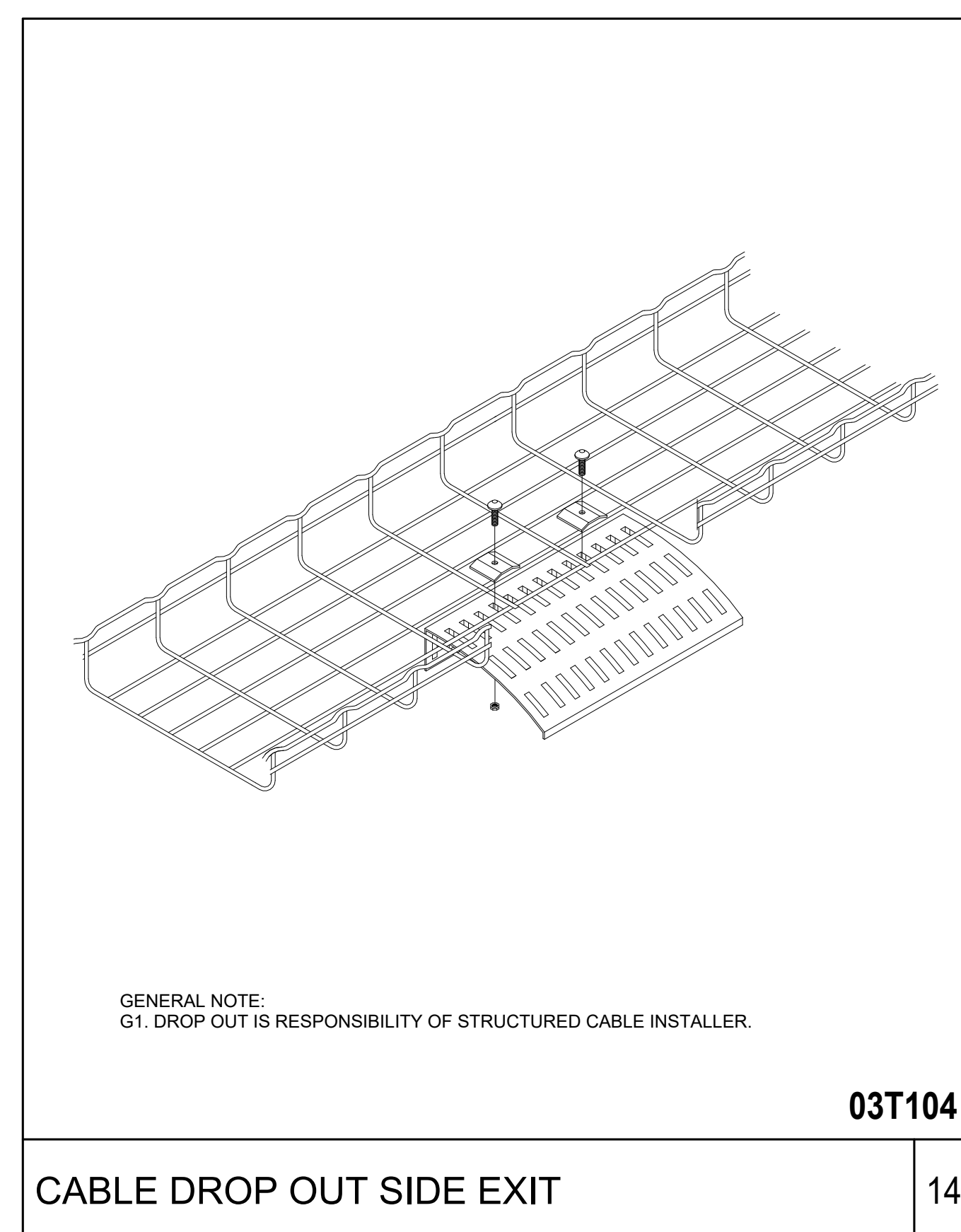
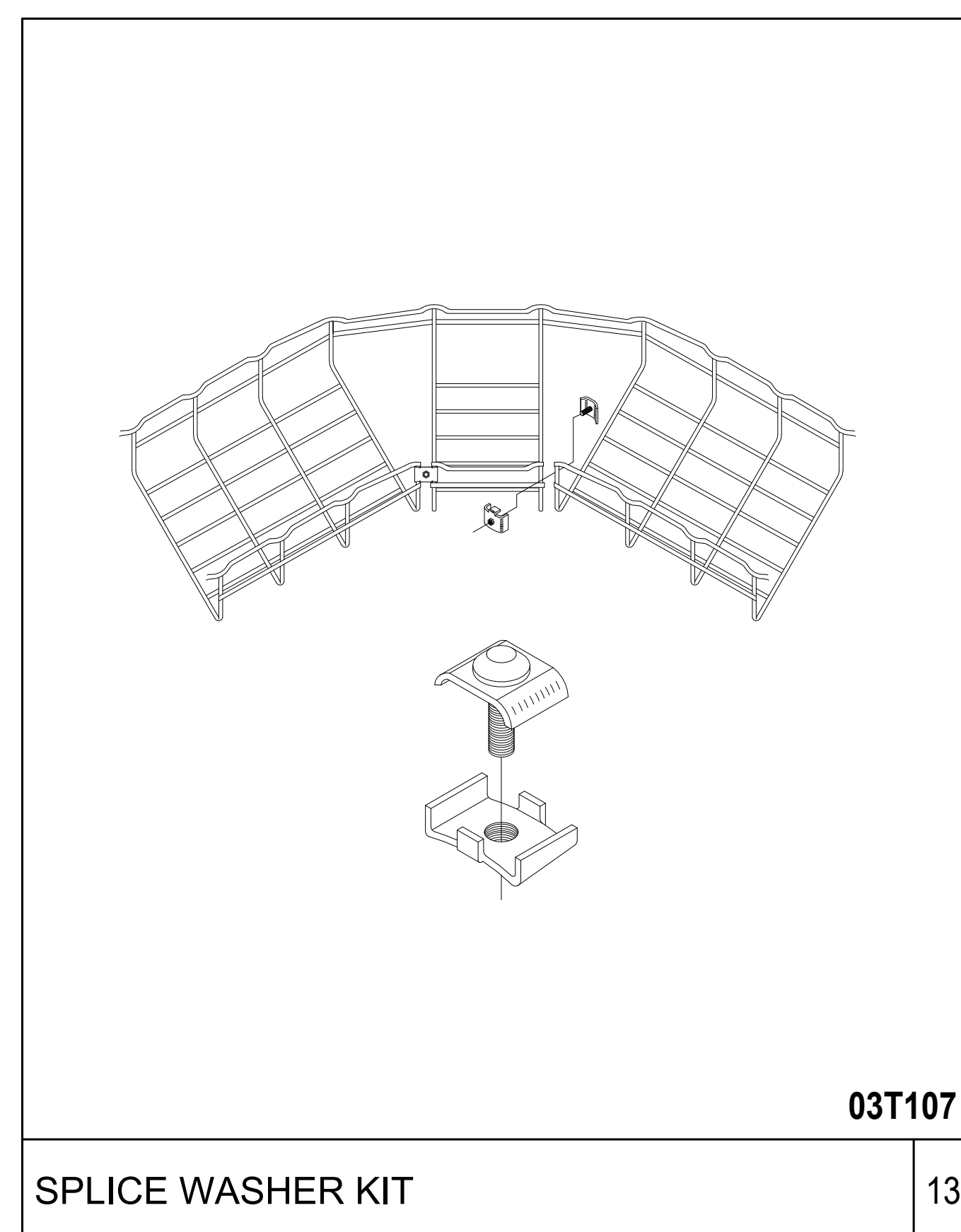
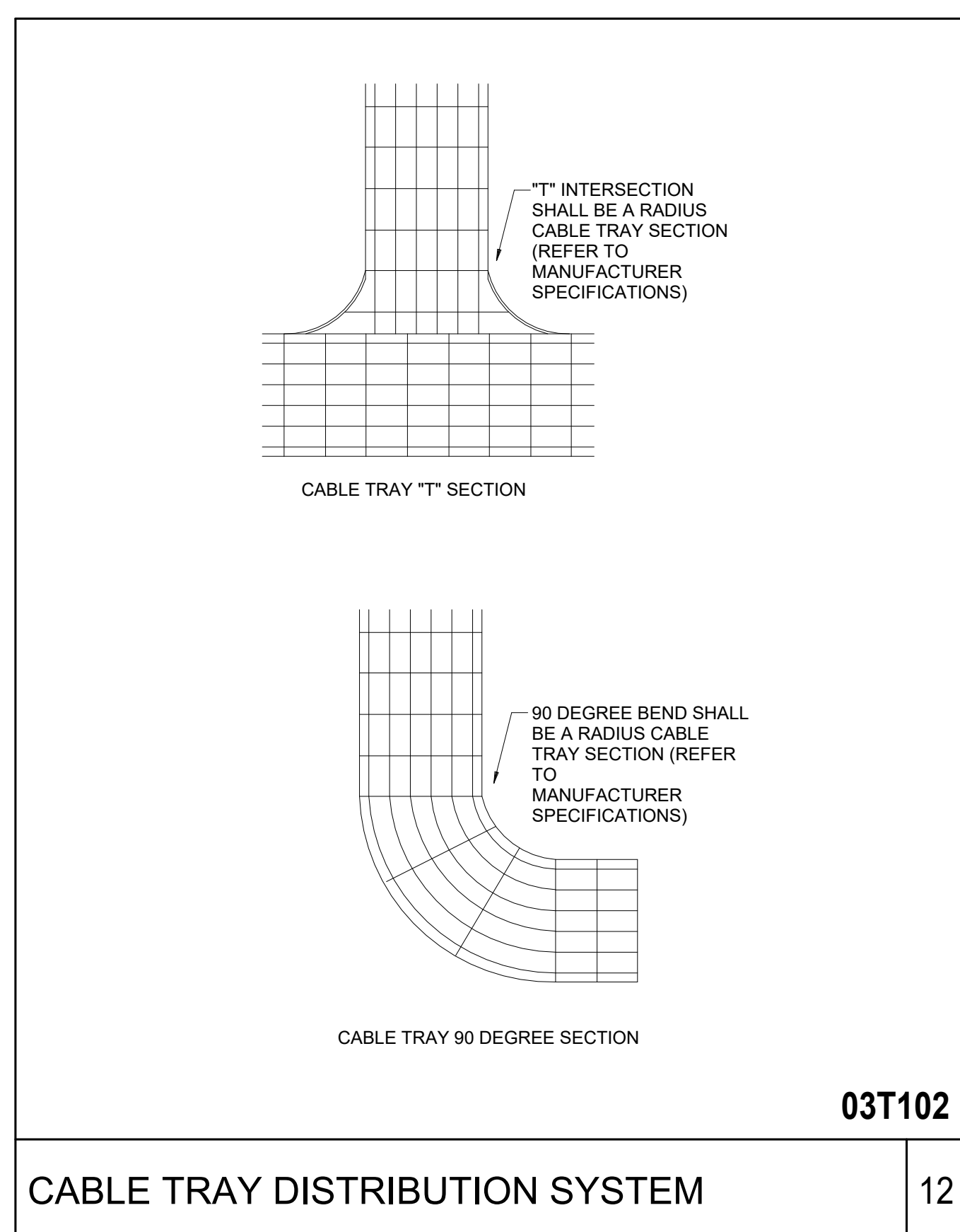
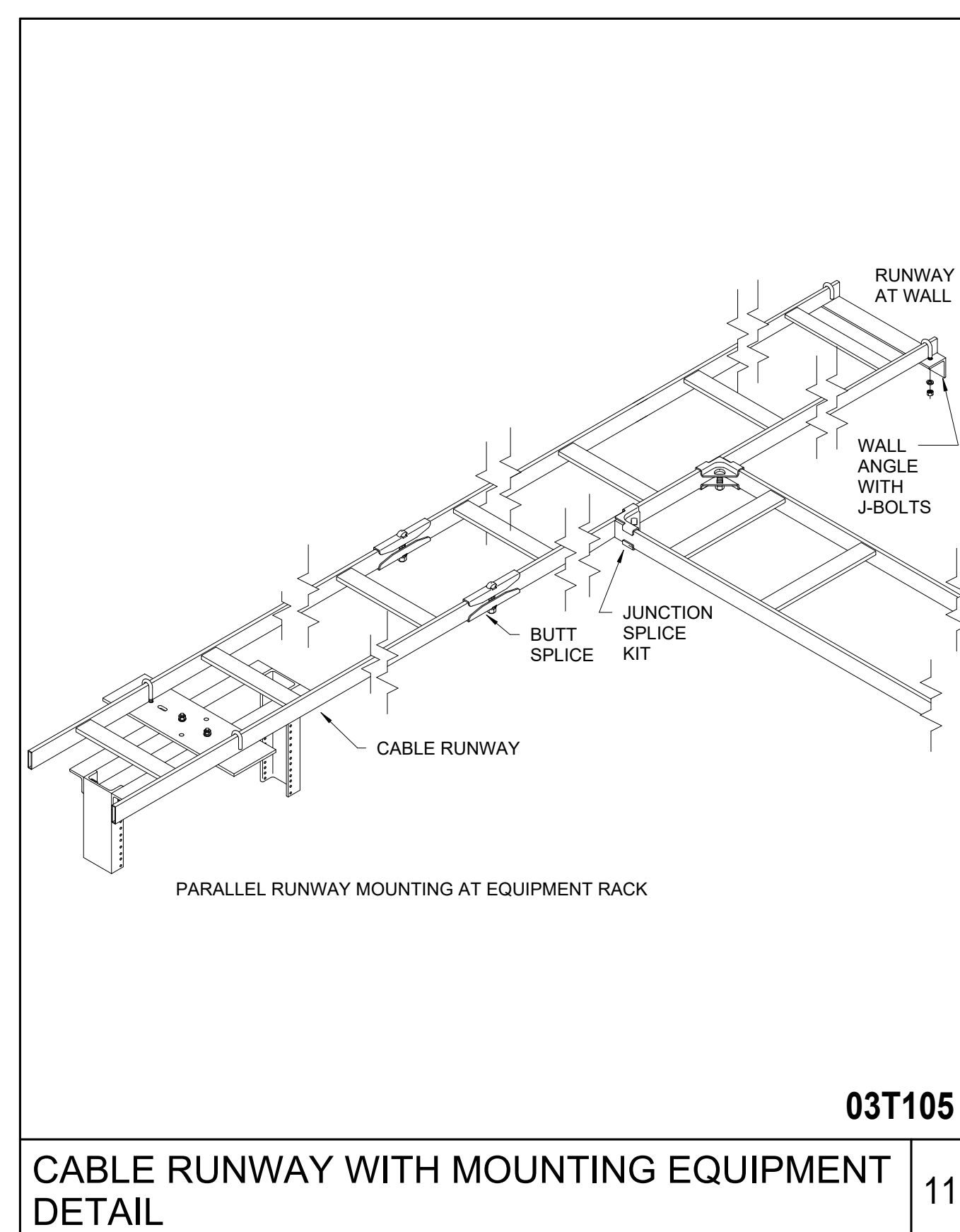
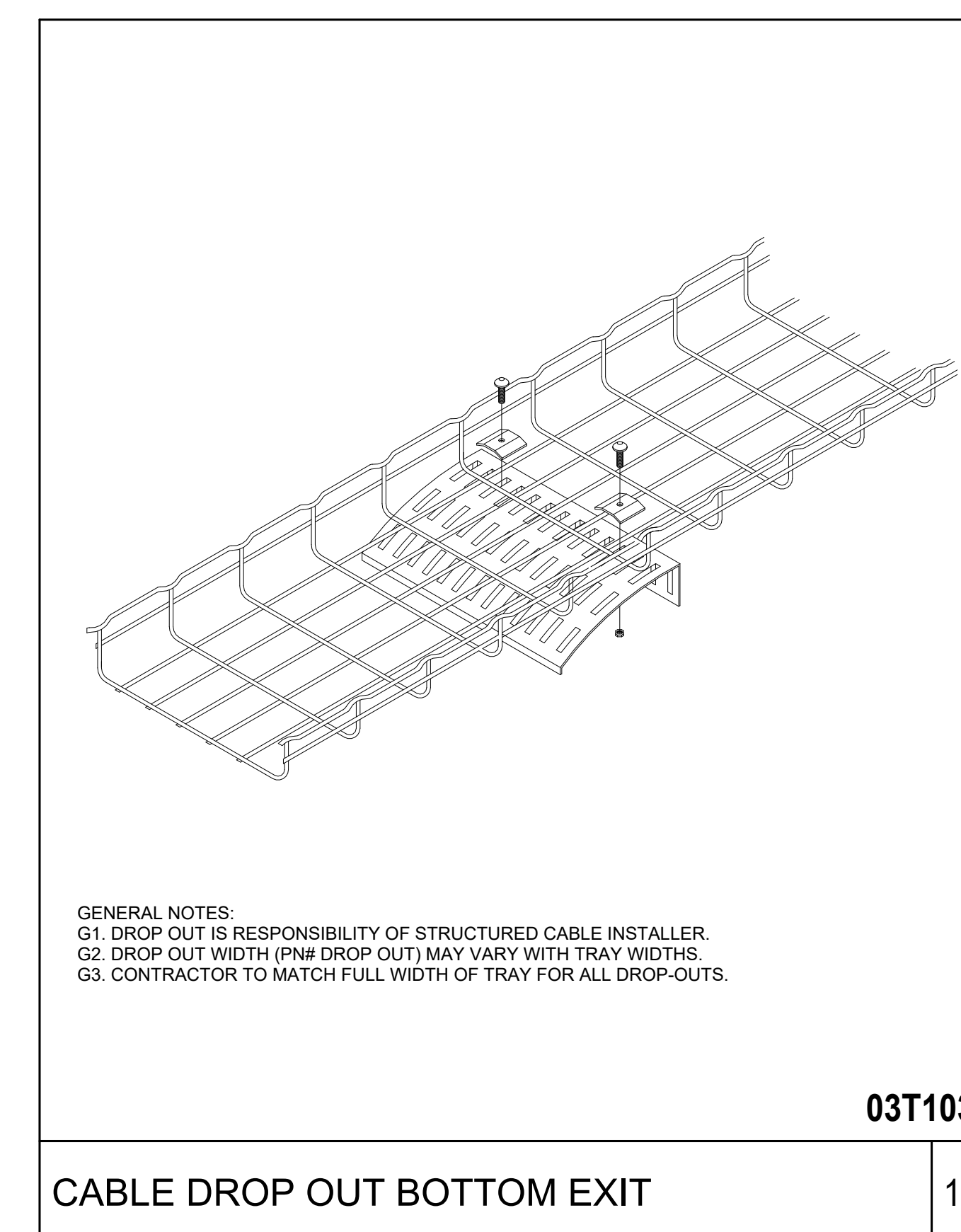
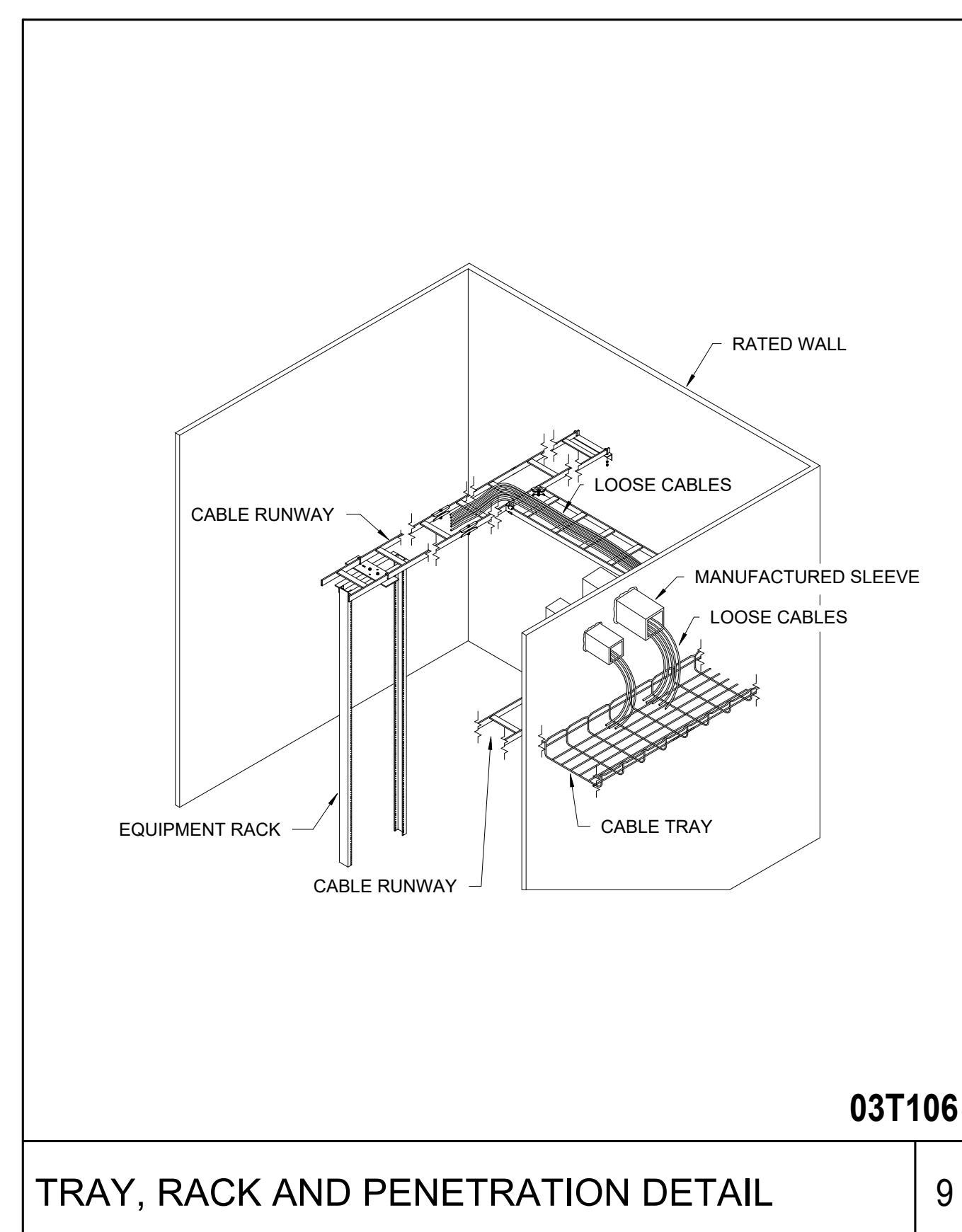
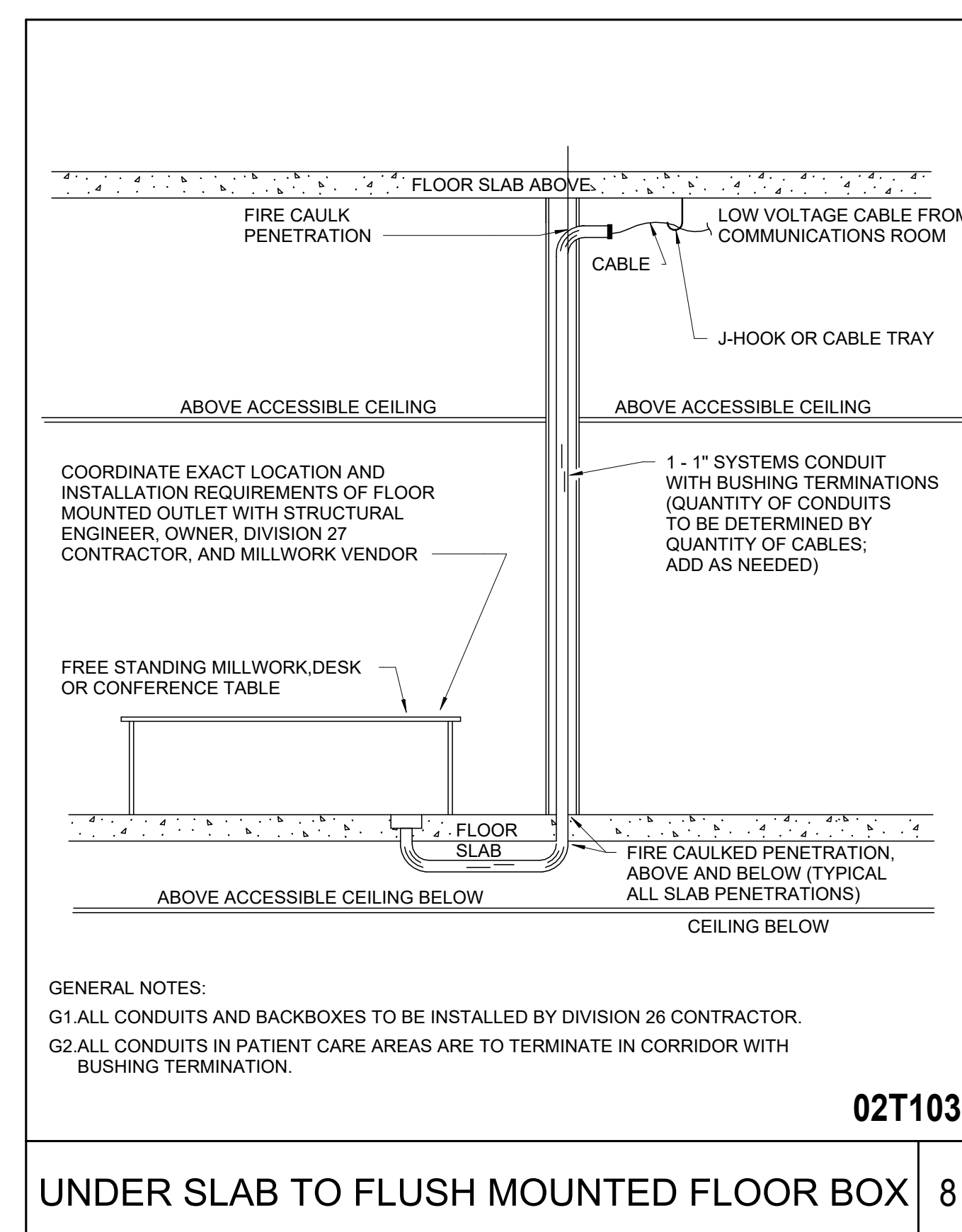
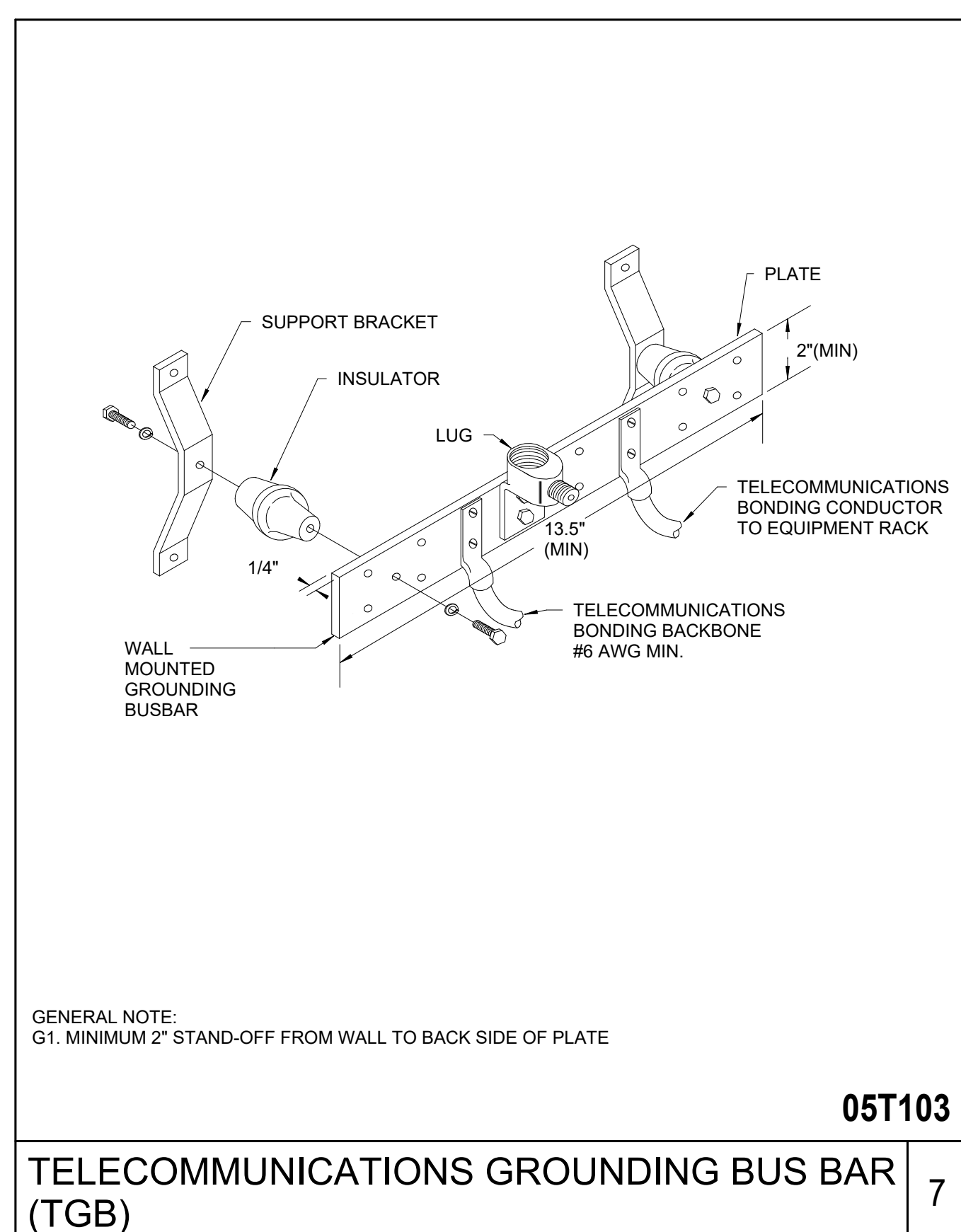
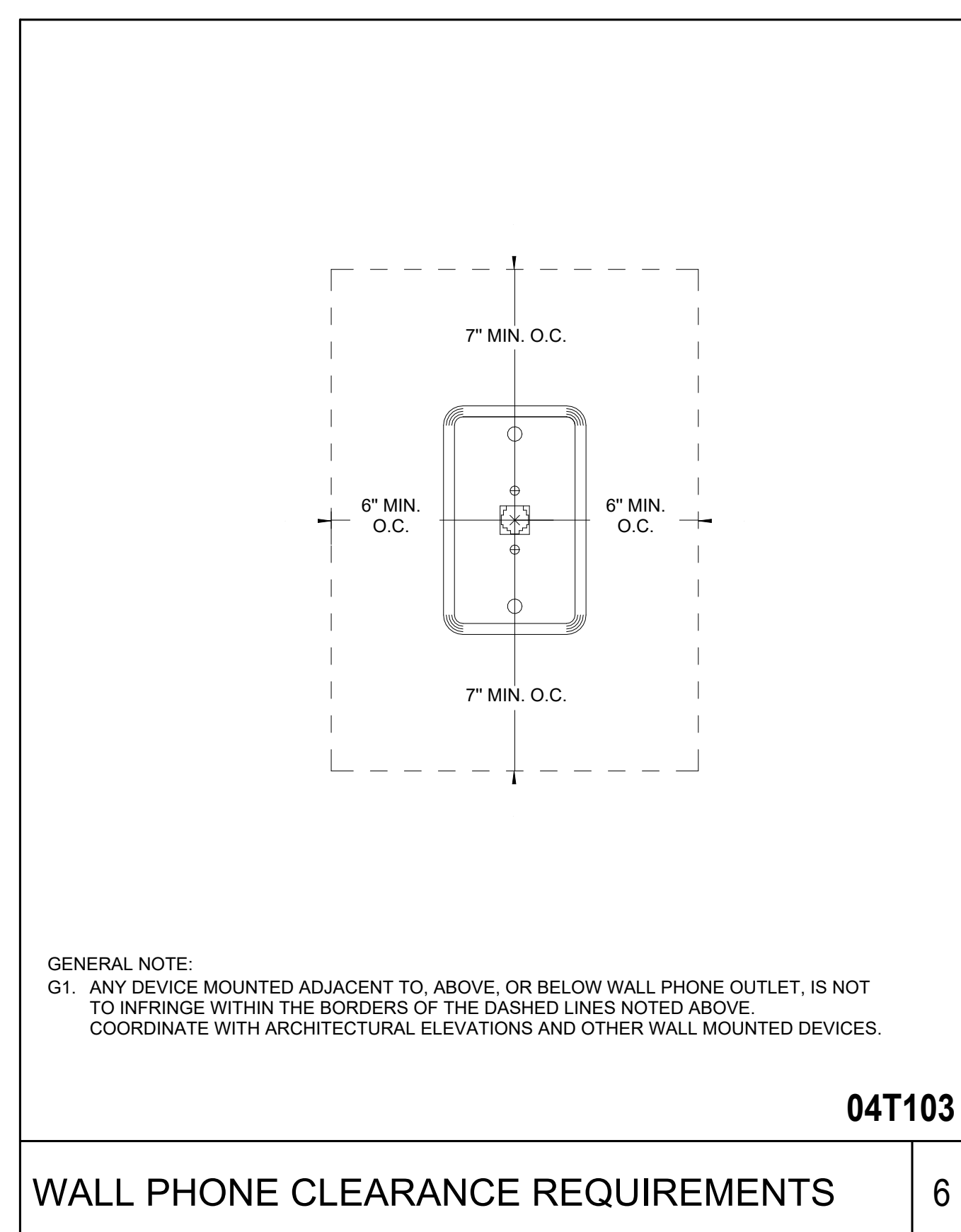
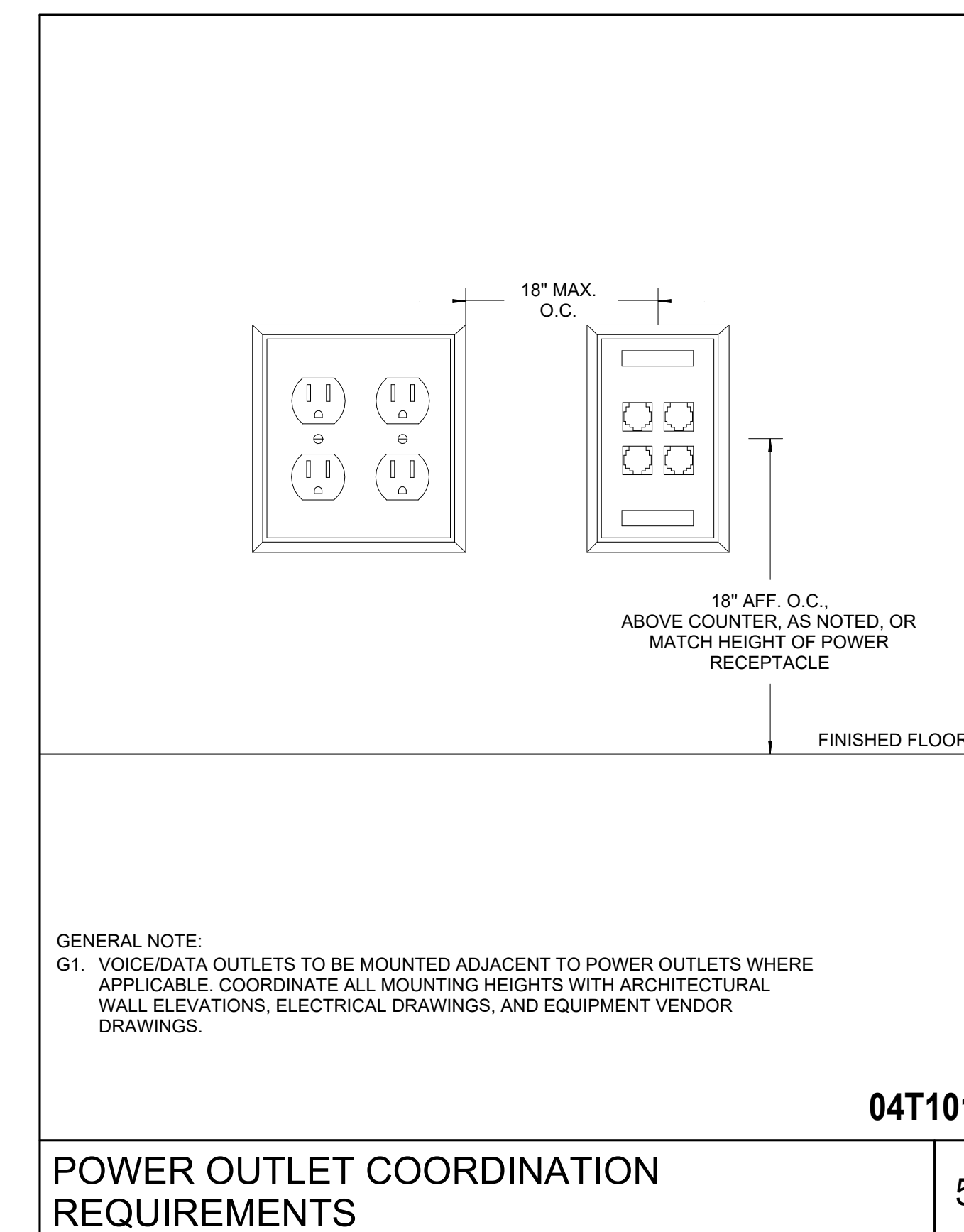
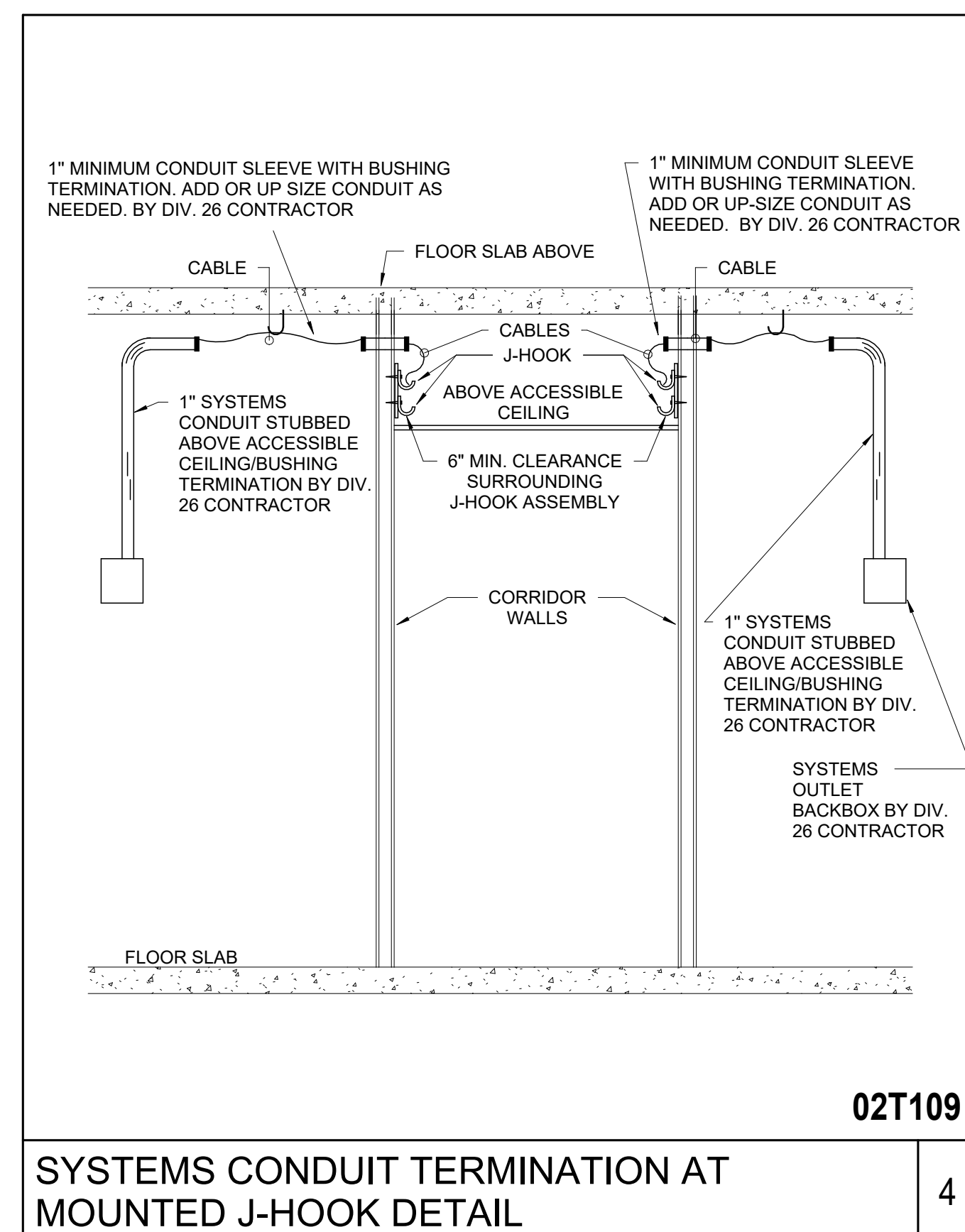
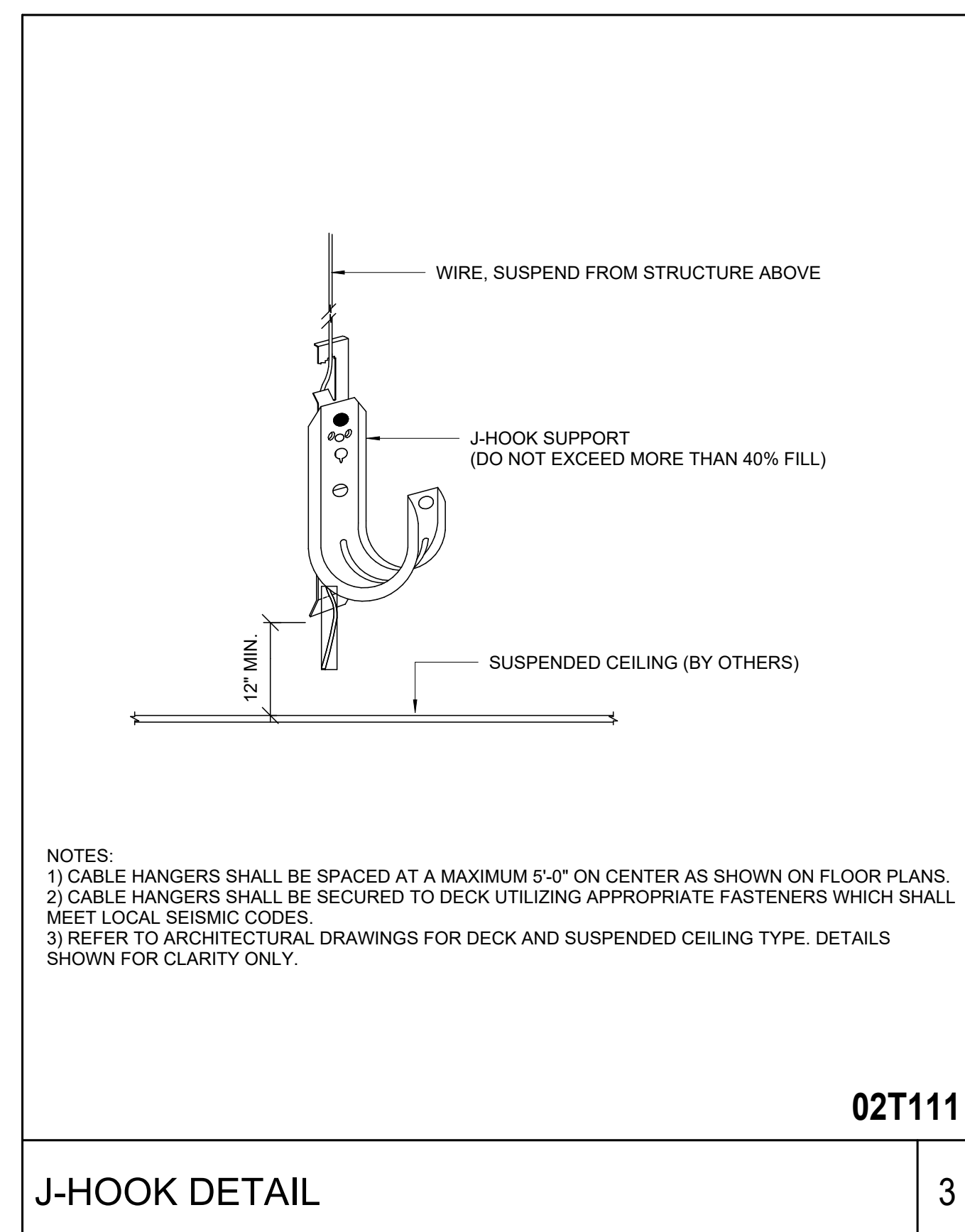
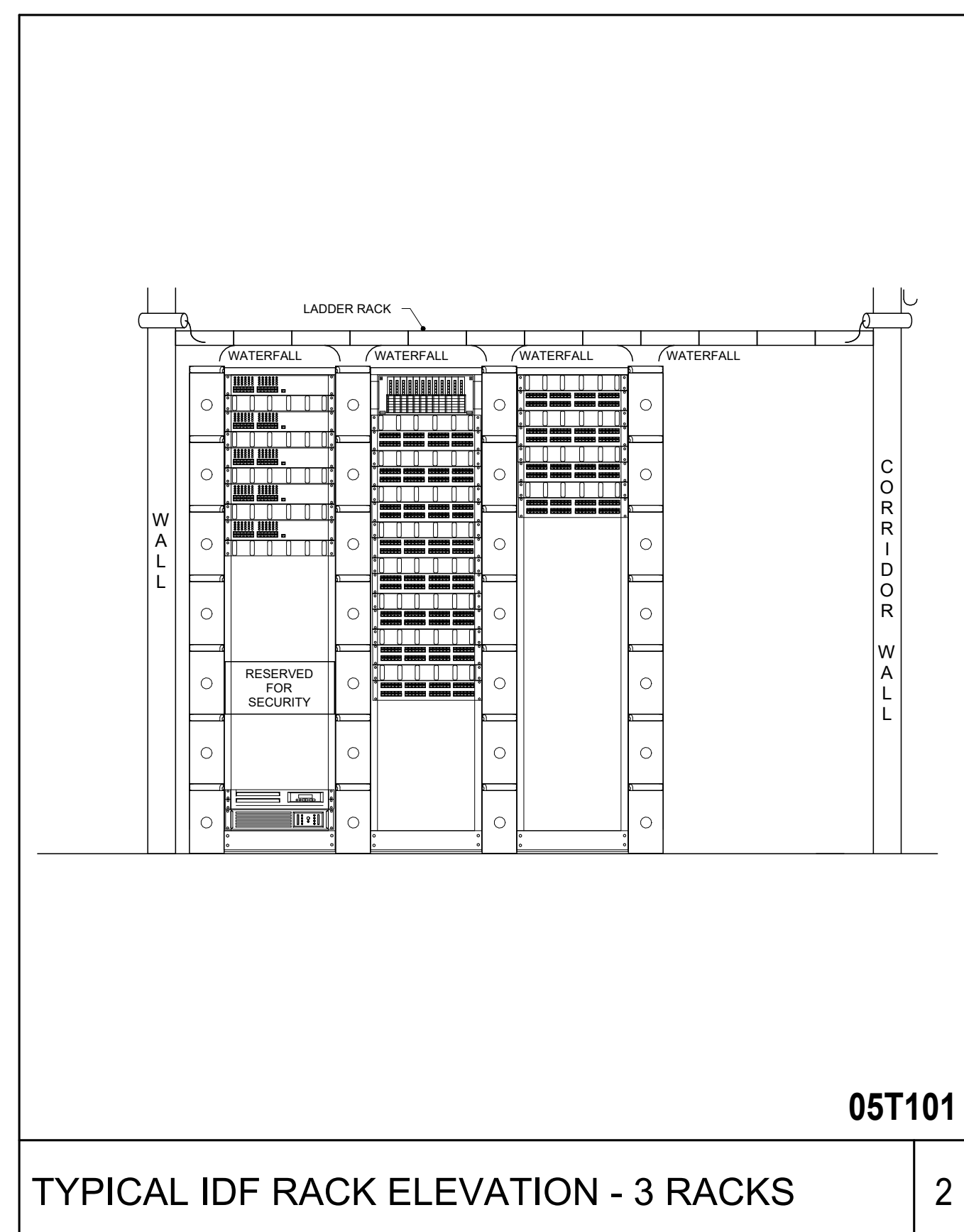
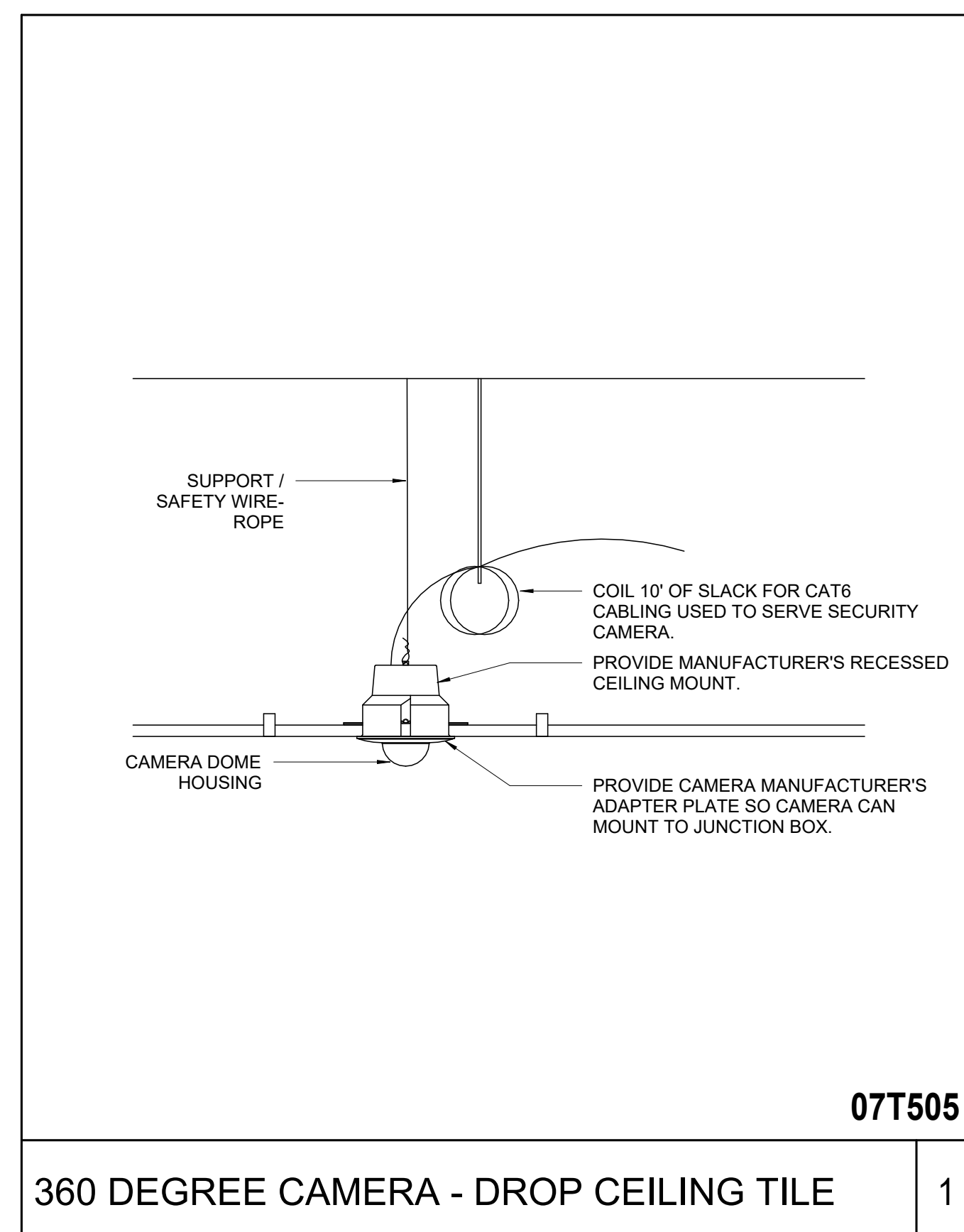
| NO. | FOR PROPOSAL - ENABLING & PH. 1A | DATE       | BY |
|-----|----------------------------------|------------|----|
| 1   | 02/26/2022                       | 03/18/2022 |    |

TECHNOLOGY  
DETAILS - PHASE 1B

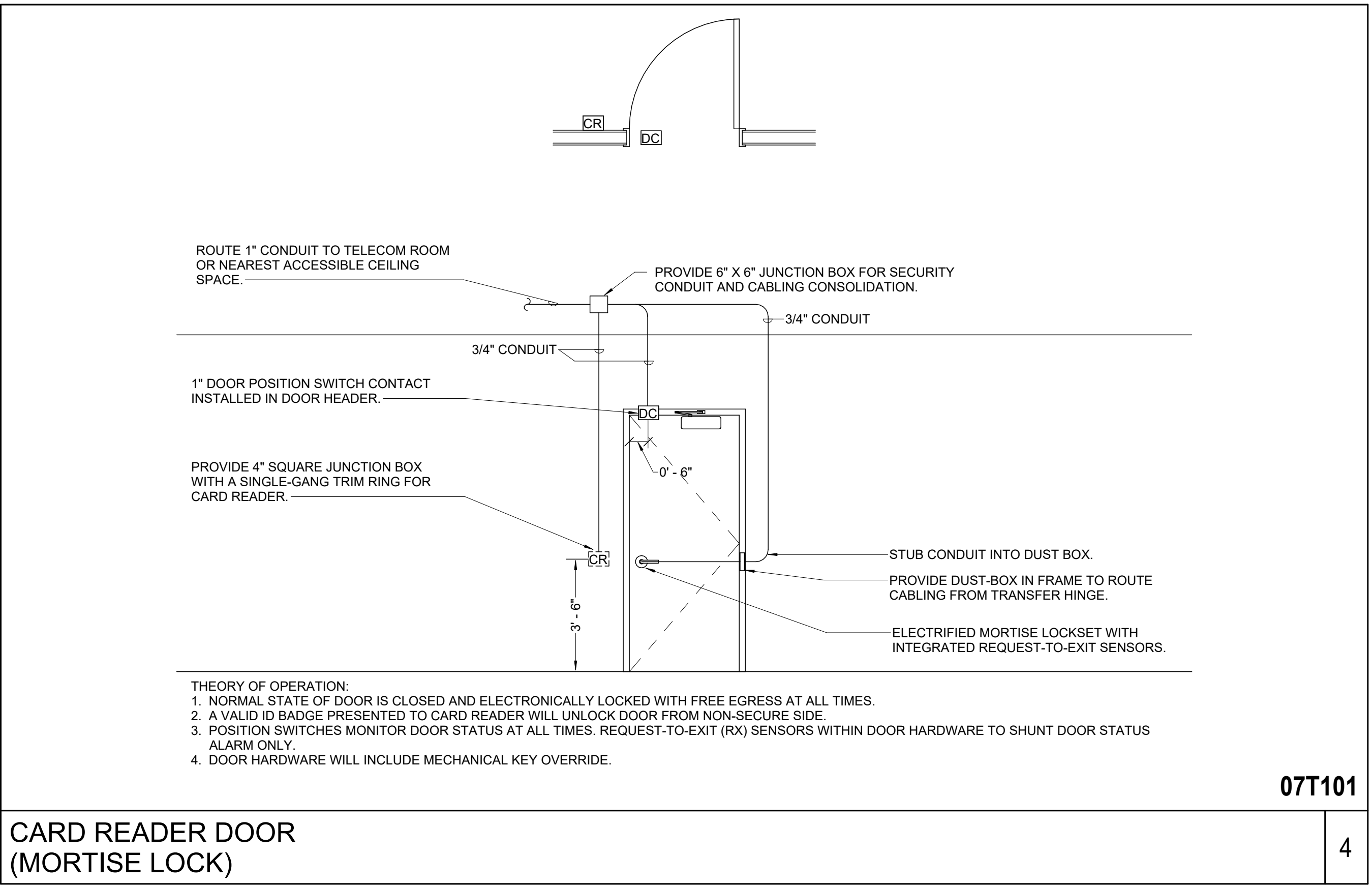
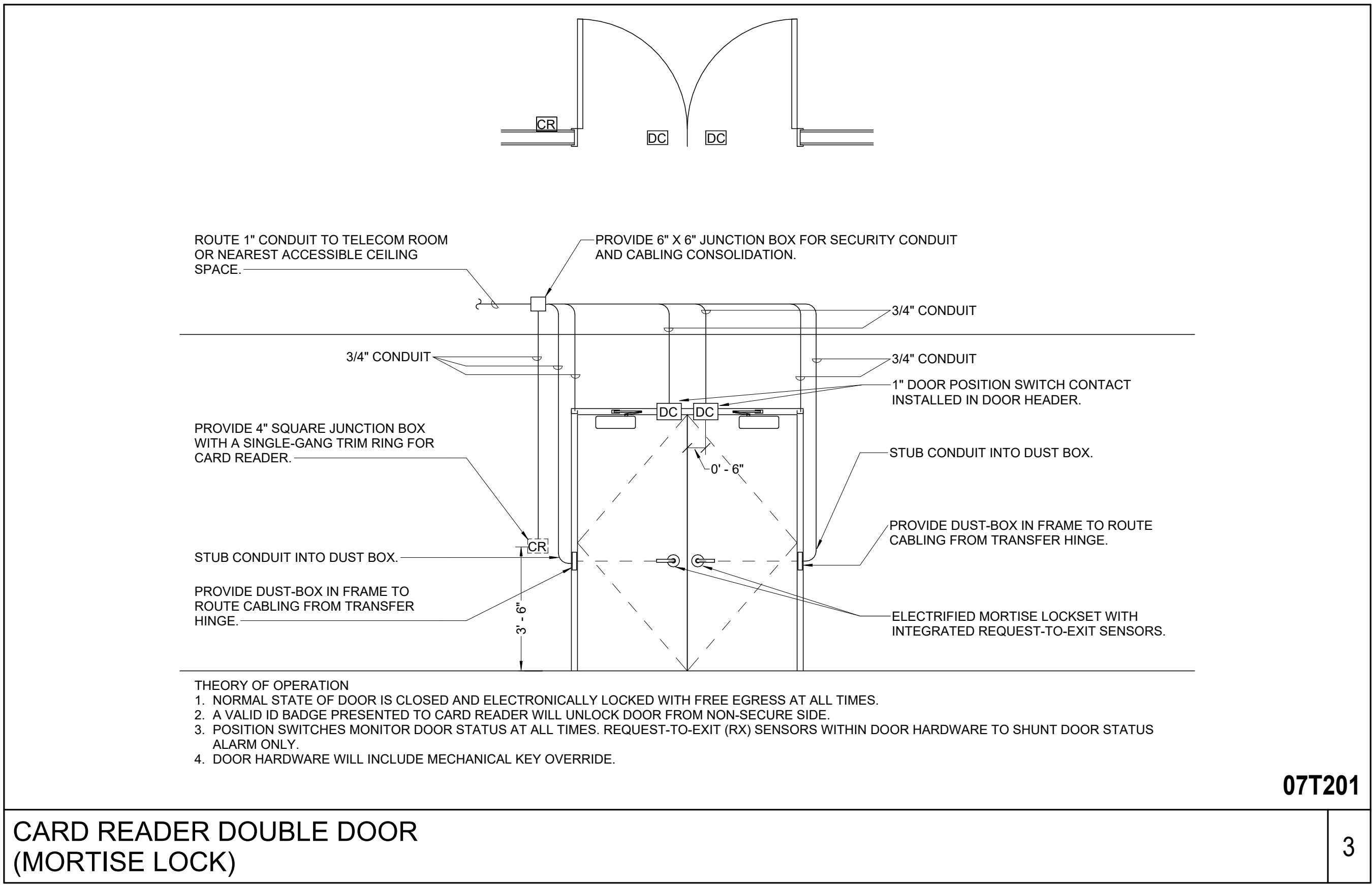
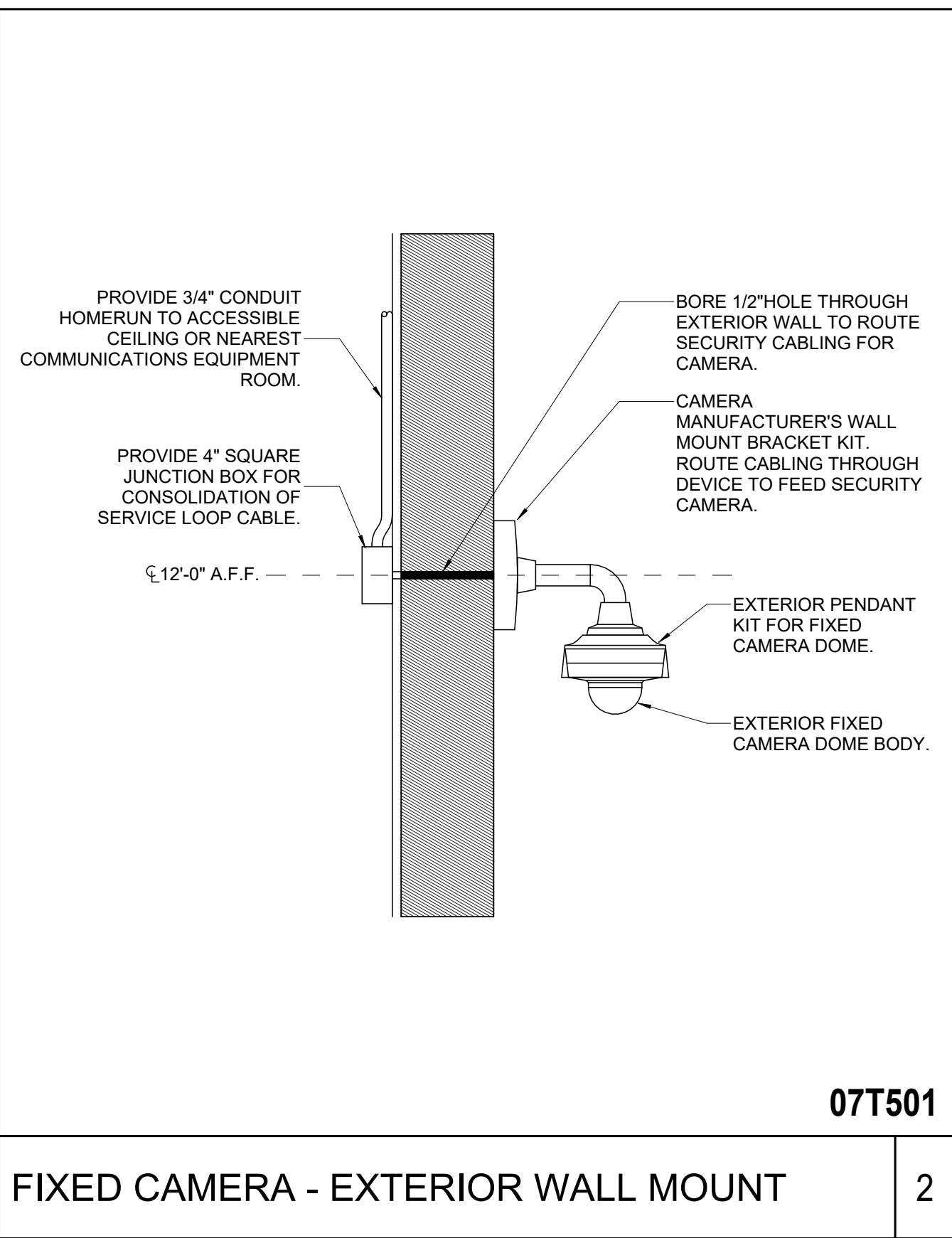
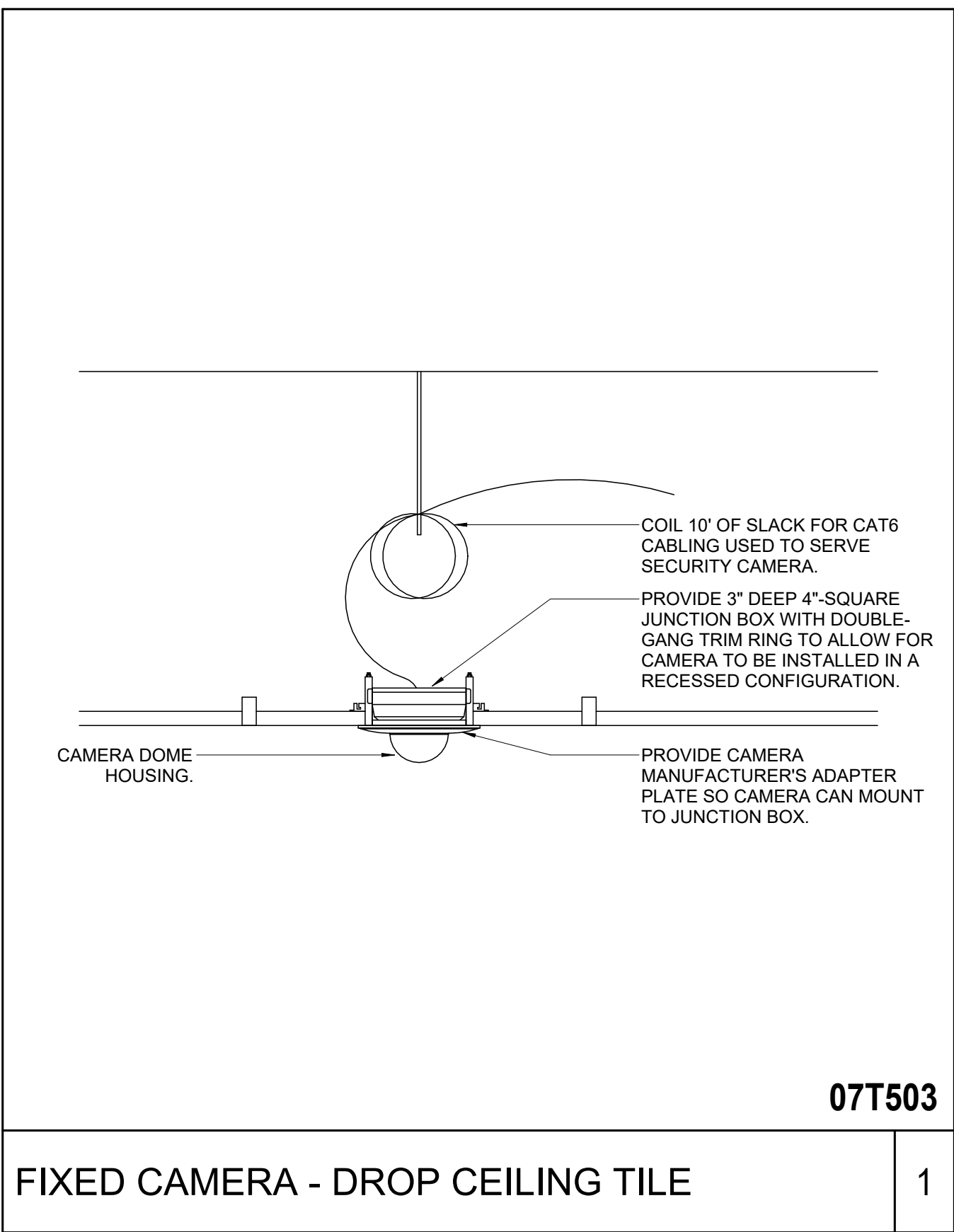
SHEET NUMBER

T50-26

© 2022 Perkins and Will







## Perkins&Will

The Wigley Building  
410 North Michigan Ave.  
Suite 1500  
Chicago, IL 60611  
1.312.755.0770  
1.312.755.0775  
www.perkinswill.com

### CONSULTANTS

Civil

STRAND ASSOCIATES

628 WASHINGTON ST.  
COLUMBUS, IN 47201

Structural

SSR, INC.

2995 SIDCO DR.  
NASHVILLE, TN 37204

MEP

SSR, INC.

2995 SIDCO DR.  
NASHVILLE, TN 37204

LANDSCAPING

MWSK

200 S MERIDIAN ST.  
INDIANAPOLIS, IN 46225

OWNER

CITY OF COLUMBUS

123 WASHINGTON ST.  
COLUMBUS, IN 47201

FACILITY

FAIR OAKS MALL

2080 20TH ST.  
COLUMBUS, IN 47201

CONTRACTOR

TAYLOR BROS. CONSTRUCTION CO., INC.

4555 MIDDLE RD.  
COLUMBUS, IN 47203

PROJECT

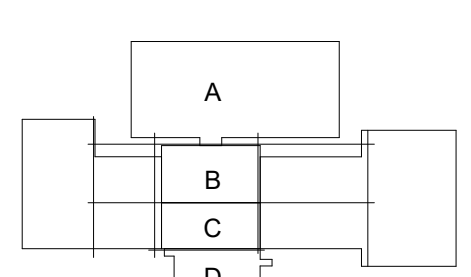
NEXUSPARK



City of Columbus

123 WASHINGTON ST.  
COLUMBUS, IN 47201

KEYPLAN



ISSUE CHART

ISSUED FOR PROPOSAL - ENABLING & PHASE 1A 03/18/2022

FOR PROPOSAL - ENABLING & PH 1A 3/18/2022  
DATE DATE  
Job Number 023650.000

TITLE

TECHNOLOGY  
SECURITY DETAILS -  
PHASE 1B

SHEET NUMBER

T50-27

© 2022 Perkins and Will