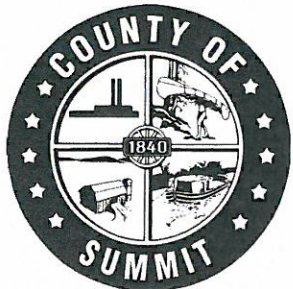


18-228

COURT ADMIN. OFFICE RELOCATION

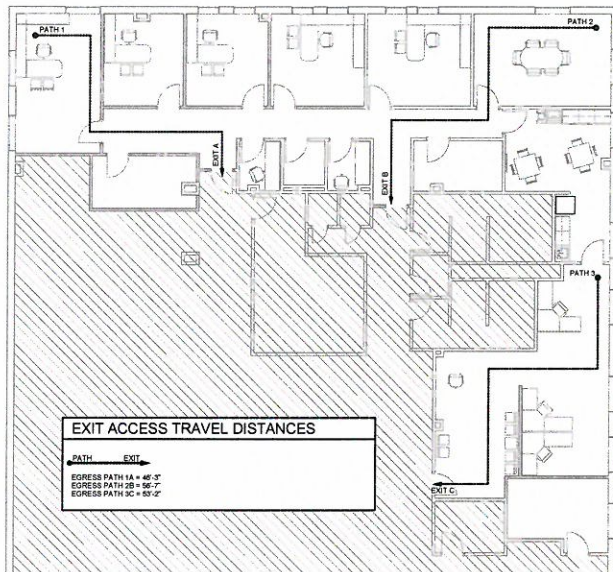
209 SOUTH HIGH STREET
AKRON, OHIO 44308

APRIL 16, 2018



MPG
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ARCHITECTS

Phoenix
Design & Engineering, LLC.



EXIT ACCESS TRAVEL DISTANCES

EGRESS PATH 1A = 46'-3"
EGRESS PATH 2B = 86'-7"
EGRESS PATH 3C = 63'-2"

1 PLAN LIFE SAFETY
1/8" = 1'-0"

DRAWING INDEX

- GENERAL**
G1.0 COVER SHEET
- ARCHITECTURAL**
A1.1 PARTIAL FLOOR PLANS & DOORS
A5.1 CASEWORK, FINISH PLANS & RCPs
- MECHANICAL**
MPD.1 DEMOLITION FLOOR AND CEILING PLANS - MECHANICAL
MP1.1 FLOOR AND CEILING PLANS - MECHANICAL
MP1.2 PARTIAL 1ST FLOOR PLAN - MECHANICAL
MP2.0 MECHANICAL SPECIFICATIONS
- ELECTRICAL**
E1.1 DEMOLITION FLOOR PLAN - ELECTRICAL
E1.2 FLOOR AND CEILING PLANS - ELECTRICAL

ALTERNATES

- ALTERNATE #1 - CEILING**
REPLACE ALL GRIDS AND ALL CEILING TILES. PAINT GRID AND REPLACE TILES AS NEEDED WITH NEW CEILING TILES.
- ALTERNATE #2 - TRIM**
ALL NEW DOORS, DOOR MOLDINGS, TRIM AND BASEBOARDS TO MATCH EXISTING DETAILS. PROVIDE 4" x 7'-0" DOORS AND MORE COST EFFECTIVE TRIM SELECTION, ALL STAINED TO MATCH EXISTING.

BIDDING PRECAUTIONS

- PRIOR TO SUBMITTING PROPOSALS, BIDDERS SHALL EXAMINE ALL DRAWINGS AND ALL SPECIFICATIONS NOT JUST SPECIFIC DISCIPLINE AND CONDUCT A PERSONAL EXAMINATION OF THE SITE AND BECOME AWARE OF ALL EXISTING CONDITIONS AND LIMITATIONS AFFECTING THE WORK AND THEIR PROPOSAL.

ACCESSIBILITY REQUIREMENTS

- ALL PUBLIC AND HANDICAP ACCESSIBLE RESTROOM FACILITIES, ELECTRIC WATER COOLERS, PUBLIC SPACES, AND HANDICAP RESTROOMS SHALL BE IN FULL COMPLIANCE WITH ANSICC A117.11-2009 INCLUDING, BUT NOT LIMITED TO THE FOLLOWING:
 - ENTRY RAMPS
 - ENTRY AND EXIT DOORS
 - EXIT STAIRS AND EXIT ACCESS CORRIDORS
 - HANDICAP RESTROOM FACILITIES
 - DOOR HARDWARE AND CLEARANCES



SPECIAL INSPECTIONS

| OBC SECTION | REQUIRED SPECIAL INSPECTIONS: | APPLICABLE | INSPECTOR | DATE | STATUS |
|-------------|--|------------|-----------|------|--------|
| 1 1705.1 | Special Cases | | | | |
| 2 1705.2 | Steel Construction | | | | |
| 3 1705.3 | Concrete Construction | | | | |
| 4 1705.4 | Masonry Construction | | | | |
| 5 1705.5 | Wood Construction | | | | |
| 6 1705.6 | Soils | | | | |
| 7 1705.7 | Deep Driven Foundations | | | | |
| 8 1705.8 | Cast-in-Place Deep Foundations | | | | |
| 9 1705.9 | Helical Pile Foundations | | | | |
| 10 1705.10 | Fabricated Items | | | | |
| 11 1705.11 | Special Inspections for Wind Resistance | | | | |
| 12 1705.12 | Special Inspections for Seismic Resistance | | | | |
| 13 1705.13 | Testing for Seismic Resistance | | | | |
| 14 1705.14 | Surveyed Fire-Resistant Materials | | | | |
| 15 1705.15 | Mastic and Inlumincent fire-resistant coatings | | | | |
| 16 1705.16 | Estator insulation and fresh systems (EFS) | | | | |
| 17 1705.17 | Fire-resistant penetrations and joints | | | | |
| 18 1705.18 | Testing for smoke control | | | | |

OWNER IS RESPONSIBLE FOR SPECIAL INSPECTION PER OBC 1704.1 AND WILL COORDINATE WITH THE SUMMIT COUNTY BUILDING DEPARTMENT.

OWNER
SUMMIT COUNTY, PHYSICAL PLAN DEPARTMENT
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bclark@summitoh.net

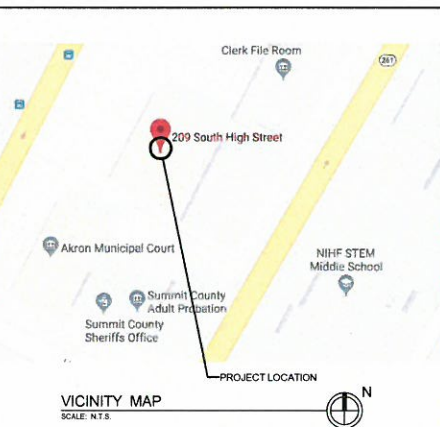
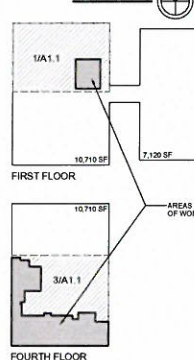
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KEY PLANS



2017 OHIO BUILDING CODE (OBC) INFO.

THIS PROJECT IS A 3,000 SF RENOVATION ON THE FOURTH FLOOR OF A 4-STORY, 28 CONSTRUCTION ASSEMBLY (A-3) USE BUILDING. IT INVOLVES ONLY INTERIOR ALTERATIONS.

CHAPTER 3 - USE GROUPS
A-3 ASSEMBLY, COURTROOM (302.4) - EXISTING AND NEW (ALTERATIONS)
CHAPTER 3 - GENERAL BUILDING HEIGHTS AND AREAS
ALLOWABLE HEIGHT AND BUILDING AREAS - TABLES 904.3, 904.4, & 909.2

| HEIGHTS & AREAS | TYPE 2B |
|-------------------|--|
| CONSTRUCTION TYPE | TYPE 2B |
| USE GROUP | A-3 ASSEMBLY |
| PROJECT AREA | 3,000 SF |
| PROJECT STORES | 2 |
| PROPOSED | NO CHANGE TO OVERALL BUILDING SQUARE FOOTAGE, JUST INTERIOR ALTERATIONS WITHIN EXISTING SPACES |

| CHAPTER 4 - TYPES OF CONSTRUCTION | TYPE OF CONSTRUCTION - 2B |
|--|---------------------------|
| FIRE RESISTANCE RATING REQUIREMENTS - TABLE 601.1, 602 | STRUCTURAL FRAME 04R |
| BEARING WALLS | EXTERIOR WALLS 04R |
| INTERIOR WALLS 04R | INTERIOR WALLS 04R |
| NONBEARING WALLS AND PARTITIONS | EXTERIOR 04R |
| EXTERIOR 04R | INTERIOR 04R |
| CORRIDOR WALLS 04R - TABLE 1202.1 | FLOOR CONSTRUCTION 04R |
| FLOOR CONSTRUCTION 04R | ROOF CONSTRUCTION 04R |

CHAPTER 9 - FIRE PROTECTION SYSTEMS
AUTOMATIC SPRINKLER SYSTEMS (902)
THE EXISTING BUILDING IS FULLY SUPPRESSED.
THE ALTERATIONS (A-3 USE) WILL BE FULLY SUPPRESSED IN ACCORDANCE WITH THIS SECTION AND THE NFPA-CHAPTER 13.
FIRE ALARM AND DETECTION SYSTEMS (907)
THE EXISTING BUILDING DOES HAVE A FIRE ALARM.
THE ALTERATIONS (A-3 USE) WILL HAVE A FIRE ALARM IN ACCORDANCE WITH THIS SECTION AND THE NFPA-CHAPTER 72.

| CHAPTER 10 - MEANS OF EGRESS | MAXIMUM FLOOR AREA ALLOWANCES/OCCUPANT - TABLE 1004.1.2 |
|------------------------------|---|
| OCCUPANCY FOR EGRESS* | |
| OCCUPANCY | AREA (SF) AREA/OCC. OCC. |
| B BUSINESS AREA | 3,000 SF 100 OR 30 |
| TOTAL | 30 |

EGRESS WIDTH PER OCCUPANT SERVED (1005.1)
MINIMUM DOOR WIDTH (1010.1) 3'-2"
PROPOSED MINIMUM DOOR WIDTH: 3'-0" CLEAR
MINIMUM CORRIDOR WIDTH (1020.2) 3'-0"
PROPOSED MINIMUM CORRIDOR WIDTH: 4'-0" CLEAR
EXIT ACCESS TRAVEL DISTANCE (TABLE 1017.2)
200' WITH SUPPRESSION SYSTEM

CHAPTER 20 - PLUMBING SYSTEMS*
MINIMUM NUMBER OF REQUIRED PLUMBING FIXTURES - TABLE 2002.1
NONE REQUIRED - SEPARATE FACILITIES LOCATED IN EXISTING BUILDING.
*OCCUPANT COUNT WAS FIGURED INTO WHOLE BUILDING CODE ANALYSIS PREVIOUSLY.

GENERAL NOTES

- TO BE CONSTRUCTED UNDER 2017 OBC, LOCAL BUILDING INSPECTION DEPARTMENT MATERIALS AND CONSTRUCTION FOR SEWERAGE TO MEET LOCAL CODES. BUILDING MATERIALS AND CONSTRUCTION TO MEET LOCAL CODES AND THE OHIO BUILDING CODE. ALL PROPER PERMITS MUST BE OBTAINED FOR ALL CONSTRUCTION WORK WHICH HAS BEEN APPROVED BY PROPER DEPARTMENTS PRIOR TO ANY CONSTRUCTION. ALL CONTRACTORS, INCLUDING GENERAL, MECH, ELECTRICAL, AND PLUMBING MUST BE LICENSED TO DO WORK WITHIN THE GOVERNING JURISDICTION.
- THE CONTRACTOR SHALL VERIFY ALL FIRE EXTINGUISHER LOCATIONS WITH THE LOCAL FIRE DEPARTMENT AND SHALL COMPLY WITH ALL NFPA AND FIRE DEPARTMENT REQUIREMENTS.
- ALL DIMENSIONS ARE CLEAR DISTANCE FROM FACE OF STUD TO FACE OF STUD AND/OR MASONRY WALLS, UNLESS NOTED OTHERWISE.
- PROVIDE BEHIND WALL REINFORCING AND FLOORING AS REQUIRED FOR ATTACHMENT OF MILLWORK, CASEWORK, TOILET ACCESS, ETC.
- ALL STUD WALLS NOT BURY TO DECK ABOVE SHALL BE BRACED AS REQUIRED FOR LATERAL SUPPORT.
- THESE DESIGNS AND ALL ITEMS DEPICTED HEREIN, WHETHER IN WRITING OR GRAPHICALLY, AS INSTRUMENTS OF PROFESSIONAL SERVICE, MAY NOT BE ALTERED OR CHANGED, IN ANY WAY, WITHOUT THE PRIOR KNOWLEDGE AND WRITTEN CONSENT OF THE ARCHITECT. ANY CHANGE MADE WITHOUT THE ARCHITECT'S WRITTEN APPROVAL WILL VOID ALL SUCH DOCUMENTS AND INSTRUMENTS AND THE ARCHITECT WILL NOT BE PERSONALLY LIABLE FOR ANY DAMAGE, HARM OR LOSS CAUSED THEREBY.
- THE VARIOUS DRAWINGS COMPRISING THIS SET OF DRAWINGS ARE INTERDEPENDENT AND MUST BE USED JOINTLY TO EXECUTE THE WORK.
- WHERE DISCREPANCIES OCCUR BETWEEN FLOOR PLANS, DETAILS AND LARGER SCALE PLANS, CONTRACTOR SHALL CONSULT THE ARCHITECT FOR CLARIFICATION. WHERE DISCREPANCIES OCCUR BETWEEN ARCHITECTURAL AND ALL OTHER DRAWINGS, CONTRACTOR SHALL CONSULT THE ARCHITECT FOR INTERPRETATIONS. AT TIME OF BIDDING, IF NO QUESTION IS RAISED, BIDDER SHALL ASSUME WORST CASE SCENARIO COST AT THEIR RISK.
- EXISTING BUILDING INFORMATION IS BASED ON ORIGINAL CONSTRUCTION DOCUMENTS AND IS NOT INTENDED TO REPRESENT EXISTING AS-BUILT CONDITIONS. CONTRACTORS SHALL BE RESPONSIBLE FOR FIELD VERIFICATION OF ALL EXISTING CONDITIONS.

COVER SHEET

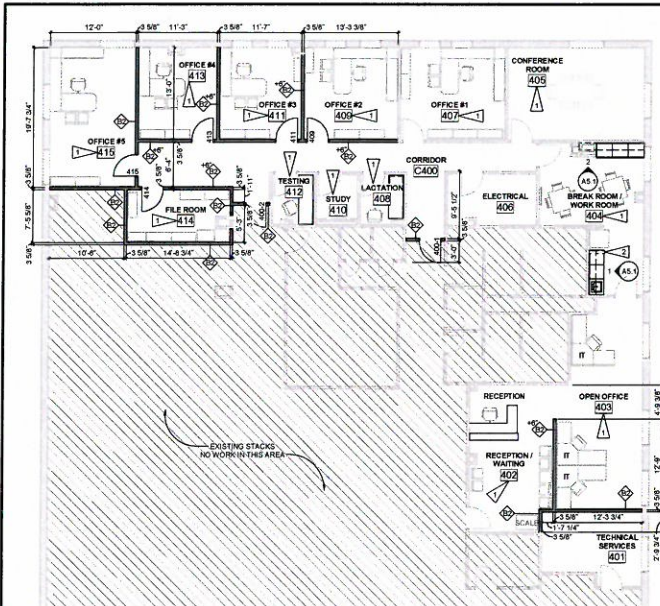
PROJECT #: 2018

DATE: APRIL 16, 2018

COURT ADMIN. OFFICE RELOCATION

209 SOUTH HIGH STREET
AKRON, OHIO 44308

G1.0
1 OF 1



4 PLAN PARTIAL FOURTH FLOOR
1/8" = 1'-0"

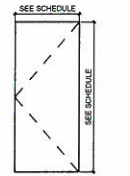
| DOOR SCHEDULE | | | | | | | | | | |
|---------------|-----------|------|------------|--------|----------|------|-------|-------------|---------|---------|
| NO. | ROOM NAME | DOOR | OPNG WIDTH | HEIGHT | MATERIAL | ELEV | FRAME | FIRE RATING | HOW SET | REMARKS |
| 003 | HALL | | 3'-0" | 7'-0" | WD | A | WD | 1 | 2 | 1 |
| 400-1 | CORRIDOR | | 3'-0" | 7'-0" | WD | A | WD | 1 | 3 | 1 |
| 400-2 | CORRIDOR | | 3'-0" | 7'-0" | WD | A | WD | 1 | 3 | 1 |
| 409 | OFFICE #1 | | 3'-0" | 7'-0" | WD | A | WD | 1 | 1 | 1 |
| 411 | OFFICE #2 | | 3'-0" | 7'-0" | WD | A | WD | 1 | 1 | 1 |
| 413 | OFFICE #4 | | 3'-0" | 7'-0" | WD | A | WD | 1 | 1 | 1 |
| 414 | FILE ROOM | | 3'-0" | 7'-0" | WD | A | WD | 1 | 2 | 1 |
| 415 | OFFICE #5 | | 3'-0" | 7'-0" | WD | A | WD | 1 | 1 | 1 |

DOOR REMARKS

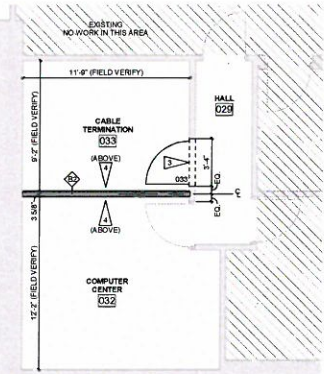
1. GENERAL CONTRACTOR TO PROVIDE TWO LEVELS OF PRICING ACCORDING TO ALTERNATE B/G SEE SHEET Q1.5: ONE TO MATCH EXISTING DOORS AND TRIM AND THE OTHER TO PROVIDE 3'-0" x 7'-0" DOORS AND MORE COST EFFECTIVE APPROACH TO THE TRIM.



TYPE 1 DOOR FRAME ELEVATION

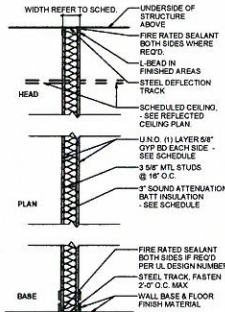


TYPE A DOOR ELEVATION



2 PLAN ENLARGED
1/4" = 1'-0"

TYPE B2 - 3 5/8" METAL STUD WALL TYPE



WALL TYPE DESCRIPTION LEGEND

THE DESCRIPTION LEGEND IS ONLY FOR TAGGED WALL TYPES. FOR ALL OTHERS SEE THE INDIVIDUAL DETAILS IN THIS SHEET.

ALPHA NUMERIC
A.B.C 1,2,3

CORE WIDTH
B- 3 5/8" METAL STUD

WALL COMPOSITION
2- 5/8" TYPE 'X' GYP. BD. ON BOTH SIDES OF WALL

WALL TAG HEIGHT NOTE
#4 ADJACENT TO A WALL TAG INDICATES THAT THE WALL IS TO EXTEND 4" ABOVE THE FINISHED CEILING.

IF A WALL DOES NOT HAVE A HEIGHT ADJACENT TO IT, THEN IT IS TO EXTEND TO THE DECORATED CEILING ASSEMBLY ABOVE FOR WALL TYPE CONSTRUCTION GENERALLY. REFER TO WALL TYPE DESCRIPTION LEGEND.

GYPSUM CONTROL JOINTS
CONTRACTOR TO PROVIDE VERTICAL GYPSUM BOARD CONTROL JOINTS A MAXIMUM OF 30' O.C. WHERE WALLS / PARTITIONS RUN UNINTERRUPTED IN A STRAIGHT PLANE. FIELD LOCATE WITH ARCHITECT PRIOR TO INSTALLING.

FIREBLOCKING NOTE
FIREBLOCKING SHALL BE PROVIDED IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS, INCLUDING FURNING SPACES, AT THE CEILING AND THE FLOOR LEVEL. PER OSG 711.2.2.

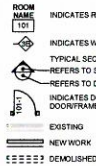
DOOR ABBREVIATIONS

WD SOLID CORE WOOD DOOR, WOOD CASING, OR WOOD FRAME

DOOR HARDWARE SETS

ALL HARDWARE LISTED BELOW IS PER LEAF

| SET 1 | SET 2 | SET 3 |
|----------------------|-------------------------|-----------------------|
| QTY. TYPE | QTY. TYPE | QTY. TYPE |
| 3-0 HINGES | 3-0 HINGES | 3-0 HINGES |
| 1-0 OFFICE LOCK SET | 1-0 STOREFRONT LOCK SET | 1-0 ENTRANCE LOCK SET |
| 1-0 WALL STOP | | 1-0 WALL STOP |
| 1-0 SET OF SILENCERS | | 1-0 CLOSER |
| | | 1-0 SET OF SILENCERS |



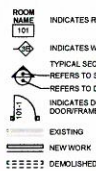
GENERAL NOTES - DOORS

- CONTRACTOR AND SUPPLIER SHALL COORDINATE ALL ASPECTS OF HARDWARE SCHEDULE WITH FABRICATION AND INSTALLATION OF DOORS AND FRAMES.
- ALL DOORS (UNLESS NOTED OTHERWISE) SHALL HAVE LEVER-OPERATED HARDWARE PER ANSI A111.1.
- ALL EGRESS DOORS SHALL BE READILY OPENED FROM THE SIDE FROM WHICH EGRESS IS TO BE MADE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT PER OSG 1008.1.9.
- DOOR OPENING FORCE SHALL COMPLY WITH ANSI A111-1.86, SECTION 4.13.11.
- HARDWARE SETS LISTED ARE GENERIC. IT SHALL BE THE RESPONSIBILITY OF THE SUCCESSFUL HARDWARE SUPPLIER TO PROPERLY SIZE AND SPECIFY ALL HARDWARE, DOORS, AND FRAMES.
- SEE FLOOR PLANS FOR ALL DOOR SWING DIRECTIONS.
- ALL DOOR AND FRAME LABELS ARE TO REMAIN VISIBLE AND UNPAINTED.
- ALL DOOR(S) IS TO BE PRE FINISHED SOLID-CORE, WOOD DOORS, STAIN COLOR BY OWNER.

FLAG NOTES - FLOOR PLAN

- FURNISHING TO BE PROVIDED BY OWNER.
- REMOVE WALL AND CLOSET COMPONENTS IN THEIR ENTIRETY. PATCH ADJACENT WALLS, FLOORS AND CEILING AS REQUIRED AND SHOWN IN PLAN.
- REMOVE PORTION OF EXISTING WALL TO ALLOW FOR NEW DOOR OPENING, TO BE FIT WITHIN PREVIOUSLY FRAMED DOOR OPENING. PATCH ADJACENT WALLS, FLOORS AND CEILING AS REQUIRED AND SHOWN IN PLAN.
- CONTRACTOR TO REMOVE CEILING TILES AND GRID AS NECESSARY IN ORDER TO INSTALL NEW WALL.

SYMBOL LEGEND



GENERAL NOTES - FLOOR PLAN

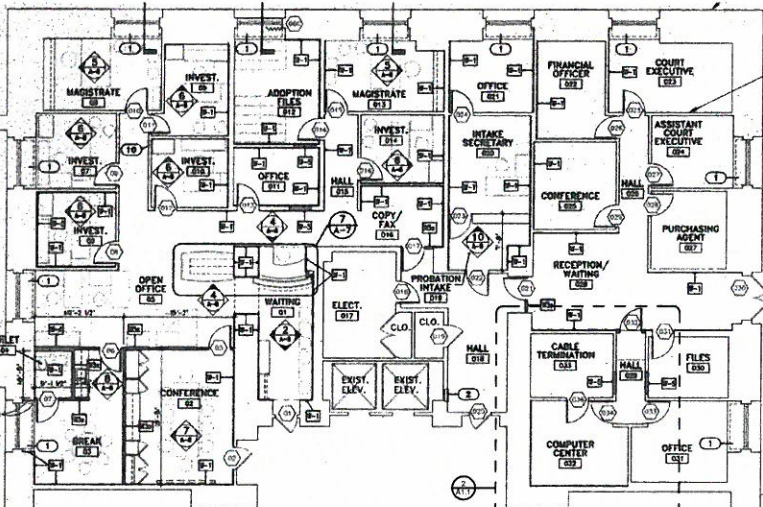
- ALL DIMENSIONS ARE TO FACE OF STUD AND/OR MASONRY (UNLESS NOTED OTHERWISE).
- VERIFY ALL DIMENSIONED CONDITIONS IN THE FIELD. WHEN DIMENSIONS AND/OR CONDITIONS AS INDICATED ON THE DRAWINGS CONFLICT WITH ACTUAL CONDITIONS, CONTACT THE ARCHITECT FOR CLARIFICATION.
- WALL THICKNESS INDICATED ON DRAWINGS SHALL BE CONSTANT FOR THE ENTIRE LENGTH OF THE WALL (U.N.O.).
- PROVIDE REINFORCING WALL REINFORCING AND BLOCKING AS REQUIRED FOR DOOR STOPS, ATTACHMENT OF MULLWORK, CASEWORK, TOILET ACCESSORIES, ETC. WOOD BLOCKING MUST BE FIRTY.
- ALL OUTSIDE GYPSUM CORNERS THROUGHOUT THE INTERIOR SPACE TO HAVE METAL CORNER BEADS.
- SAW-CUT OR TOOLED CONTROL JOINTS AT INTERIOR EXPOSED CONCRETE FLOORS SHALL BE CAULKED WITH SEALANT AS REQD.

GENERAL NOTES - DEMOLITION

- COMPLY WITH OHIO BUILDING CODE, NATIONAL ELECTRIC CODE, ASHRAE, AND SMACNA RECOMMENDATIONS.
- DEMOLITION CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOLLOWING THE REQUIREMENTS FOR DEMOLITION WORK WITHIN THE GOVERNING JURISDICTION.
- THE OWNER HAS FIRST RIGHT OF ALL MATERIALS REMOVED AS A RESULT OF THE DEMOLITION OF EXISTING CONDITIONS. ANY UNCLAIMED ITEMS BY THE OWNER ARE THE RESPONSIBILITY OF THE CONTRACTOR TO BE REMOVED AND DISCARDED FROM THE PROJECT SITE.
- ALL DEMOLITION AND MATERIAL REMOVAL OPERATIONS SHALL BE CAREFULLY AND SAFELY CARRIED OUT DAILY TO ACCOMMODATE FUTURE NEW CONSTRUCTION. THE DEMOLITION CONTRACTOR SHALL BE TOTALLY RESPONSIBLE FOR SAFE PROCEDURES, PRACTICES AND OPERATION.
- TEMPORARY SIGNAGE: IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ALL NECESSARY SIGNAGE, WARNING LIGHTS, BARRICADES, DANGER SIGNS, TEMPORARY FENCING AND ALL OTHER RELATED SAFETY PRECAUTIONS TO PROTECT ALL PERSONS AND PROPERTY. EITHER DIRECTLY RELATED OR INCIDENTAL TO THE PROJECT FROM INJURY OR DAMAGE FROM ANY CAUSE. PROTECT ALL STRUCTURAL COMPONENTS FROM DAMAGE.
- CONTRACTOR TO PROVIDE TEMPORARY BRACING AS REQUIRED THROUGHOUT DEMOLITION AND CONSTRUCTION PROCESS.
- ALL WALLS, PARTITIONS, FRAMES AND OTHER MATERIALS SHOWN TO BE REMOVED SHALL HAVE NEATLY REMOVED CUT EDGES WHERE THEY WILL BE VISIBLE AFTER THE NEW CONSTRUCTION HAS BEEN COMPLETED.
- ALL SURFACES, FURNISHINGS, EQUIPMENT, ETC. ADJACENT TO DEMOLITION AREAS SHALL BE PROTECTED FROM DAMAGE.
- ALL DEAD AND ABANDONED UTILITY LINES ARE TO BE DISCONNECTED AND REMOVED IN THEIR ENTIRETY.
- EXISTING GAS, SANITARY, AND ELECTRICAL SERVICES TO BE REINFORCED AS REQUIRED, COORDINATE WITH MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS.
- ALL ABANDONED PLUMBING LINES SHALL BE COVERED UP WITH CONCRETE AT FINISH FLOOR.
- ALL NON-COMPLIANT WOOD DISCOVERED DURING DEMOLITION AND/OR RECONSTRUCTION TO BE REMOVED.
- CONTRACTOR IS RESPONSIBLE FOR ALL NECESSARY DEMOLITION WORK TO ACCOMPLISH CONSTRUCTION OF THE PROJECT. PLUMBING, MECHANICAL AND ELECTRICAL CONTRACTORS SHALL ALSO REFER TO PLUMBING, MECHANICAL AND ELECTRICAL DRAWINGS FOR FURTHER INFORMATION ON DEMOLITION.
- CONTRACTOR SHALL TAKE ALL PRECAUTIONS AS NECESSARY TO PREVENT DUST, DIRT, SMOKE, SMELLS, ETC. FROM ENTERING THE ADJACENT TENANT SPACES.

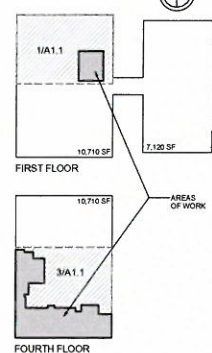
FLOORING REMOVAL NOTE

DEMOLITION CONTRACTOR FLOORING SUBCONTRACTOR SHALL REMOVE ALL MASTIC, THRESH, OR ADHESIVE AS PART OF FLOORING REMOVAL. THE NEW FLOORING SHALL START WITH ORIGINAL SUBFLOORING CLEAN AND FREE OF ALL DEBRIS AND ADHESIVE.



1 EXISTING PLAN PARTIAL FIRST FLOOR
1/8" = 1'-0"

KEY PLANS

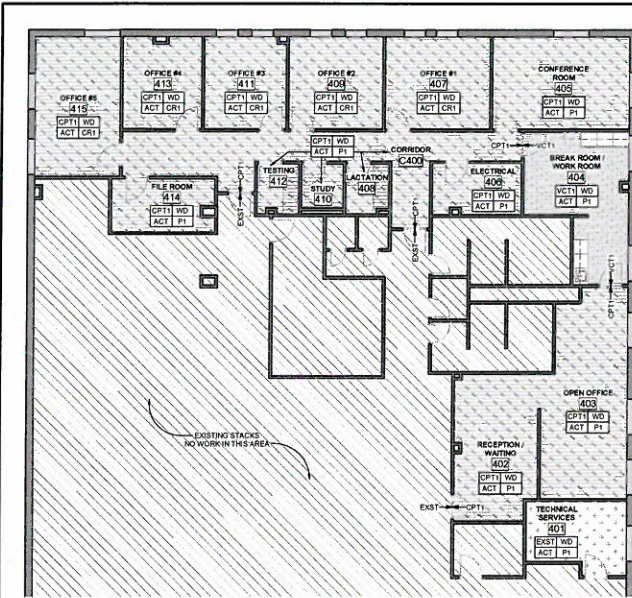


REVISIONS

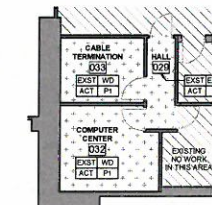
| NO. | DESCRIPTION |
|-----|--|
| 1 | CONTRACTOR AND SUPPLIER SHALL COORDINATE ALL ASPECTS OF HARDWARE SCHEDULE WITH FABRICATION AND INSTALLATION OF DOORS AND FRAMES. |
| 2 | VERIFY ALL DIMENSIONED CONDITIONS IN THE FIELD. WHEN DIMENSIONS AND/OR CONDITIONS AS INDICATED ON THE DRAWINGS CONFLICT WITH ACTUAL CONDITIONS, CONTACT THE ARCHITECT FOR CLARIFICATION. |
| 3 | WALL THICKNESS INDICATED ON DRAWINGS SHALL BE CONSTANT FOR THE ENTIRE LENGTH OF THE WALL (U.N.O.). |
| 4 | PROVIDE REINFORCING WALL REINFORCING AND BLOCKING AS REQUIRED FOR DOOR STOPS, ATTACHMENT OF MULLWORK, CASEWORK, TOILET ACCESSORIES, ETC. WOOD BLOCKING MUST BE FIRTY. |
| 5 | ALL OUTSIDE GYPSUM CORNERS THROUGHOUT THE INTERIOR SPACE TO HAVE METAL CORNER BEADS. |
| 6 | SAW-CUT OR TOOLED CONTROL JOINTS AT INTERIOR EXPOSED CONCRETE FLOORS SHALL BE CAULKED WITH SEALANT AS REQD. |

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PARTIAL FLOOR PLANS & DOORS
DATE: APRIL 16, 2018
PROJECT #: 2818
COURT ADMIN. OFFICE RELOCATION
208 SOUTH-HIGH STREET
ANKRON, OHIO 44308



| ROOM FINISH SCHEDULE | | | | | | |
|----------------------|-----------------------|-------|------|-------|-------|------|
| ROOM NO. | SPACE | FLOOR | BASE | NORTH | SOUTH | WEST |
| 028 | HALL | EXST | EXST | P1 | P1 | P1 |
| 032 | COMPUTER CENTER | EXST | WD | P1 | P1 | P1 |
| 033 | CABLE TERMINATION | EXST | WD | P1 | P1 | P1 |
| 401 | TECHNICAL SERVICES | EXST | WD | P1 | P1 | P1 |
| 402 | RECEPTION/ WAITING | CPT1 | WD | P1 | P1 | P1 |
| 403 | OFFICE | CPT1 | WD | P1 | P1 | P1 |
| 404 | BREAK ROOM/ WORK ROOM | VCT1 | WD | P1 | P1 | P1 |
| 405 | CONFERENCE ROOM | CPT1 | WD | P1 | P1 | P1 |
| 406 | ELECTRICAL | CPT1 | WD | P1 | P1 | P1 |
| 407 | OFFICE #1 | CPT1 | WD | P1 | P1 | P1 |
| 408 | LACTATION | WD | P1 | P1 | P1 | P1 |
| 409 | OFFICE #2 | CPT1 | WD | P1 | P1 | P1 |
| 410 | STUDY | WD | P1 | P1 | P1 | P1 |
| 411 | OFFICE #3 | CPT1 | WD | P1 | P1 | P1 |
| 412 | TESTING | CPT1 | WD | P1 | P1 | P1 |
| 414 | FILE ROOM | WD | P1 | P1 | P1 | P1 |
| 415 | OFFICE #4 | CPT1 | WD | P1 | P1 | P1 |
| 420 | CORRIDOR | CPT1 | WD | P1 | P1 | P1 |



FINISHES TAG LEGEND

FLOORING - F1 BT - BASE
CEILING - C1 W1 - WALL FINISH

7 PLAN FIRST FLOOR FINISHES
1/8" = 1'-0"

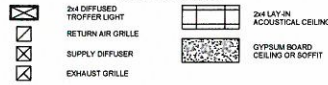
GENERAL NOTES - RCP

- FACE OF BULKHEADS SHALL ALIGN W. FACE OF ADJACENT WALLS TO WHICH BULKHEADS ARE PARALLEL. U.N.O. OR DIMENSIONED.
- CEILING GRIDS ARE CENTERED ON ROOM. U.N.O. OR DIMENSIONED.
- COORDINATE ARCHITECTURAL REFLECTED CEILING PLANS WITH THE MECHANICAL AND ELECTRICAL DRAWINGS FOR NUMBER OF, AND LOCATIONS OF, AND TYPES OF FIXTURES AND GRILLES. NOT ALL ITEMS SHOWN ON LEGEND MAY BE PRESENT IN PROJECT.
- DOWNLIGHTS, DIFFUSERS, SPRINKLER HEADS, ETC. SHALL BE CENTERED IN CEILING PANELS IN BOTH DIRECTIONS, UNLESS NOTED OTHERWISE.
- WHERE EXIT SIGNS AND REMOTE HEADS OCCUR OVER A DOOR OR PAIR OF DOORS, CENTER SIGN ON DOOR OPENING.

FLAG NOTES - RCP

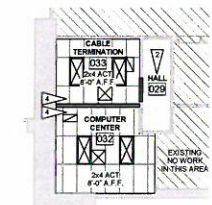
- REMOVE EXISTING WALL LIGHT. PATCH AND REFINISH WALLS AS NECESSARY TO MATCH EXISTING.
- ALL EXISTING CEILING CONDITIONS AND LIGHT FIXTURES TO REMAIN.
- SHADING INDICATES ROOMS TO RECEIVE SOUND INSULATION ABOVE CEILING. INSULATION SHALL EXTEND A MINIMUM OF 4'-0" BEYOND THE SOUND WALL PERIMETER OF EACH ROOM. ALL SOUND INSULATION IS TO BE ENCASED IN CEILING MEMBRANE.
- RECONSTRUCT CEILING ON BOTH SIDES OF NEW WALL AS NECESSARY. ADDING NEW TILES WHERE REQUIRED.

RCP LEGEND

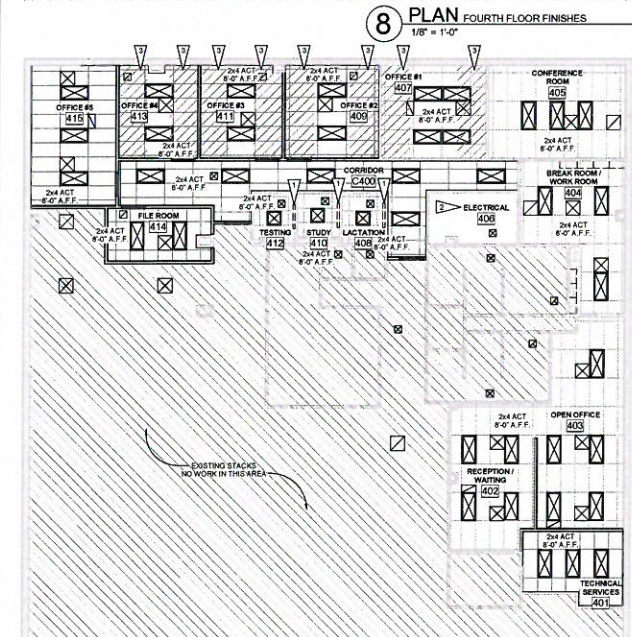


CEILING NOTE!

- COORDINATE CEILING FINISHES AND HEIGHTS W. REFLECTED CEILING PLAN THIS SHEET.



5 PLAN PARTIAL FIRST FLOOR RCP
1/8" = 1'-0"



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

6 PLAN PARTIAL FOURTH FLOOR RCP
1/8" = 1'-0"

GENERAL NOTES - FF&E

- UNLESS NOTED OTHERWISE ALL TASK CHAIRS, PCs OR LAPTOP COMPUTERS, AND DESKSET PRINTERS SHALL BE RELOCATED WITH EMPLOYEE TO NEW LOCATION AS NOTED ON THIS DRAWING.
- TENANT / DEPARTMENT IS RESPONSIBLE FOR PROVIDING A NEW CARPET MAT FOR EACH TASK CHAIR.
- ALL TRASH CONTAINERS ARE TO BE CLEANED AND RELOCATED TO NEW LOCATION. ALL WORKSTATIONS AND OFFICES ARE TO RECEIVE ONE (1) RELOCATED TRASH CONTAINER.
- FURNITURE SUPPLIER TO COORDINATE FINAL FINISH MATERIALS FOR ALL FURNITURE ITEMS WITH OWNER PRIOR TO FINAL PURCHASE.
- REFER TO MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS FOR REQUIRED CONNECTION WORK.

GENERAL NOTES - ROOM FINISHES

- CONTRACTOR TO COORDINATE ALL FINISH SELECTIONS WITH OWNER PRIOR TO ORDER OR FABRICATION TO VERIFY QUALITY, PATTERN AND COLOR.
- THE TRANSITION BETWEEN DIFFERENT FLOOR FINISHES BETWEEN ROOMS SHALL OCCUR DIRECTLY BELOW THE CENTERLINE OF ALL DOORS IN THEIR CLOSED POSITION.
- ALL V.C.T. SHALL BE INSTALLED IN ONE DIRECTION WITH THE GRAIN RUNNING PERPENDICULAR TO THE LONG DIRECTION OF THE ROOM OR SPACE. U.N.O. BOUNDARIES.

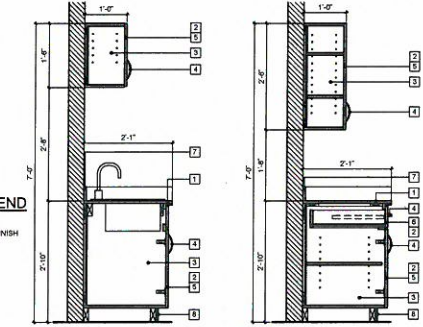
FINISH SCHEDULE LEGEND



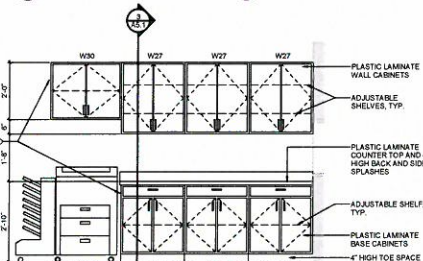
- FLOORS**
- CPT1 COMMERCIAL GRADE CARPET - PATCRAFT, QUICKSHIP, COLOR, SIZE, AND DESIGN TO BE COORDINATED BY CONTRACTOR WITH OWNER.
 - EXST EXISTING CARPET TO REMAIN NEATLY CUT EDGES TO FIT FLOOR ROOM BOUNDARIES.
 - VCT1 12" X 12" VINYL COMPOSITE TILE, MANNINGTON OR EQUAL - COLOR TO BE COORDINATED BY CONTRACTOR WITH OWNER.
- BASE**
- EXST EXISTING BASE TO REMAIN.
 - WD 4" STAINED POPLAR WOOD BASE.
- WALLS**
- CR1 STAINED POPLAR CHAIR RAIL MOUNTED AT 30" AFF. STAIN TO MATCH EXISTING. P1 ON WALLS.
 - P1 PAINTED GYPSUM BOARD, (1) COAT LATEX PRIMER, (2) COAT LATEX EGG-SHELL - COLOR TO BE COORDINATED BY CONTRACTOR WITH OWNER.

FINISH FLAME SPREAD RATINGS

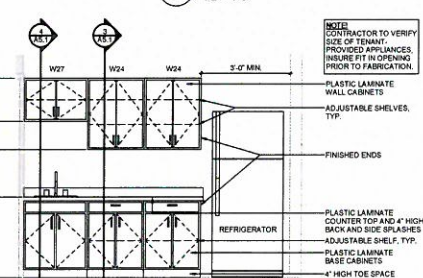
- NONSPRINKLERED**
- EXIT ENCLOSURES & EXIT PASSAGEWAYS**
- INTERIOR FINISH OF WALLS AND CEILING SHALL HAVE A FLAME SPREAD RATING NOT GREATER THAN THE FOLLOWING FOR USE GROUPS A, B, & A.S.S.
- WALLS:** CLASS A
CEILING: CLASS A
FLOOR: CLASS I
- CORRIDORS**
- INTERIOR FINISH OF ACCESS CORRIDORS SHALL HAVE A FLAME SPREAD RATING NOT GREATER THAN THE FOLLOWING FOR USE GROUPS A, B, & A.S.S.
- WALLS:** CLASS A
CEILING: CLASS A
FLOOR: CLASS I
- ROOMS AND ENCLOSED SPACES**
- INTERIOR FINISH OF WALLS AND CEILING SHALL HAVE A FLAME SPREAD RATING NOT GREATER THAN THE FOLLOWING FOR USE GROUPS A, B, & A.S.S.
- WALLS:** CLASS C
CEILING: CLASS C
FLOOR: CLASS DCC FF-1
- NOTE:** NOT ALL USE GROUPS LISTED ABOVE ARE APPLICABLE TO THIS PROJECT.



4 SECTION CASEWORK 3/4" = 1'-0"
3 SECTION CASEWORK 3/4" = 1'-0"



2 ELEVATION BREAK / WORK ROOM
1/2" = 1'-0"



1 ELEVATION KITCHENETTE
1/2" = 1'-0"

GENERAL NOTES - CASEWORK

- GENERAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING IN-WALL BLOCCING ADEQUATE FOR THE SUPPORT OF ALL CABINETRY NOTED HEREIN. IN ADDITION, THE CONTRACTOR SHALL PROVIDE ADEQUATE IN-WALL BLOCCING FOR ANTI-KICK CARPETRY OR ANGLIARY COMPONENTS INCLUDING BUT NOT LIMITED TO WALL PANELS, MILLWORK, CUSTOM CASEWORK, GRAPHIC PANELS, BANNERS, ETC.) DESIGNATED AND DETAILED HEREIN AS RIGIDLY ATTACHED TO WALL ASSEMBLIES OR OTHER STRUCTURAL COMPONENTS. SPECIFIC TYPES OF BLOCCING ARE SHOWN IN DETAIL DRAWINGS FOR CLARITY - THIS IS NOT TO BE TAKEN AS A FULL ACCOUNTING. GENERAL TYPICAL BLOCCING MAY OR MAY NOT BE SHOWN.
- FOR PLASTIC LAMINATE CABINETS, ALL EXPOSED EXTERIOR SURFACES ARE TO BE CLAD IN PLASTIC LAMINATE (COLOR AS NOTED). ALL EXPOSED INTERIOR SURFACES ARE TO BE CLAD IN PLASTIC LAMINATE. HIDDEN OR CONCEALED FACES ARE TO BE FULLY CLAD IN THE SAME PLASTIC LAMINATE AS THE CASE (UNLESS NOTED OTHERWISE).
- ALL COUNTERTOPS ARE TO INCLUDE A CONTINUOUS MATCHING 4" BACKSPASH (UNLESS SHOWN AND NOTED OTHERWISE). ALL BACKSPASHES ASSUMED TO INCLUDE SICKSPASHES AT ADJOINING WALLS AND/OR OTHER VERTICAL INTERRUPTIONS.
- PLASTIC LAMINATE COUNTERTOPS ARE TO HAVE A 1/2" NOSING WITH A MATCHING PLANE EDGE BANE. UNDERSIDES OF COUNTER ARE TO BE CLAD WITH BACKER SHEET.
- FOR "WET" AREAS, COUNTERTOP/BACKSPASH SUBSTRATE TO BE MARINE GRADE MDF.
- ALL SHELVES ARE ADJUSTABLE (UNLESS NOTED OTHERWISE) SUPPORTED ON NICKEL BRONZE TYPE SHLE PINS. RECEIVING HOLES TO BE SPACED 2" O.C.
- NOTE THAT EQUIPMENT/APPLIANCES SHOWN WITH DOTTED LINES IS FOR REFERENCE ONLY. EXACT LOCATIONS TO BE VERIFIED IN FIELD WITH OWNER.

FLAG NOTES - CASEWORK

- WORK SURFACES: COUNTERTOP, PLAM ON 3/4" MDF SUBSTRATE, COLOR BY OWNER.
- DOORDRAWER FRONTS: PLAM ON 3/4" MDF SUBSTRATE WITH COORDINATING PLAM EDGE BAND.
- CABINET INTERIORS TO BE WHITE MELAMINE. NICKEL PINS @ 2" O.C. FOR CABINETS WITH PLAM SHELVES.
- DOORDRAWER PULLS, STYLE BY OWNER.
- FLUSH OVERLAY DOOR ON CONCEALED, EUROPEAN-STYLE HINGES.
- DRAWERS ON HEAVY-DUTY, FULL EXTENSION, SELF-CLOSING GLIDES.
- 4" HIGH BACKSPASH TO MATCH COUNTER SURFACE.
- SCHEDULED BASE (REFER TO FINISH SCHEDULE).



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MPG ARCHITECTS
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CASEWORK, FINISH PLANS & RCPs
PROJECT #: 2618
DATE: APRIL 16, 2018
COURT ADMIN. OFFICE RELOCATION
208 SOUTH HIGH STREET
AKRON, OHIO 44308

A5.1
2 OF 2



REVISIONS

DEMOLITION NOTES

1. HVAC CONTRACTOR IS TO VERIFY ALL EXISTING CONDITIONS IN FIELD TO GREATEST EXTENT POSSIBLE PRIOR TO STARTING. CONTRACTOR IS TO DETERMINE ALL TEAR-OUT LOCATIONS AND EXISTING CONDITIONS AS REQUIRED TO DETERMINE FULL SCOPE OF WORK. BID IS TO INCLUDE ALL WORK NECESSARY FOR COMPLETION OF PROJECT AND LACK OF KNOWLEDGE OF EXISTING CONDITIONS WILL NOT BE CONSIDERED ACCEPTABLE FOR ADDITIONAL SCOPE(S) OF WORK BEYOND CONTRACTED BID.
2. ROUTING OF EXISTING DUCTWORK (SUPPLY & RETURN) IS NOT KNOWN AND IS INDICATED ON THESE DRAWINGS TO PROVIDE A GENERAL INDICATION OF THE SCOPE OF WORK REQUIRED FOR DEMOLITION/INSTALLATION. EACH CONTRACTOR IS TO VERIFY EXISTING CONDITIONS IN FIELD AS REQUIRED TO DETERMINE THE FULL SCOPE OF WORK REQUIRED FOR THEIR CORRESPONDING TRADE(S).
3. HVAC CONTRACTOR IS TO ADJUST SCOPE OF DEMOLITION AS REQUIRED FOR CONSTRUCTION/RENOVATION AS INDICATED ON COMPLETE SET OF CONSTRUCTION DOCUMENTS AND AS NECESSARY TO COMPLETE PROJECT.

CODED DEMOLITION NOTES: (MECHANICAL)

- ① EXISTING DIFFUSER TO BE REMOVED.
- ② SECTION OF EXISTING SUPPLY DUCT TO BE REMOVED.
- ③ EXISTING RETURN GRILLE TO BE REMOVED.
- ④ EXISTING RETURN GRILLE AND SECTION OF RETURN DUCT TO BE REMOVED.
- ⑤ EXISTING DIFFUSER TO BE RELOCATED AS REQUIRED.
- ⑥ EXISTING THERMOSTAT TO BE RELOCATED. CONTRACTOR TO DISCONNECT ALL WIRING AS REQUIRED FOR RELOCATION AS INDICATED ON SWE SHEET.

SYMBOLS:

ETR EXISTING TO REMAIN

NEW CEILING TILES TO BE INSTALLED IN THESE AREAS. EXISTING DIFFUSERS AND GRILLES TO REMAIN IN PLACE.

NEW CEILING TILES TO BE INSTALLED IN THESE AREAS. DIFFUSERS TO BE RELOCATED AS REQUIRED FOR NEW LAYOUT.

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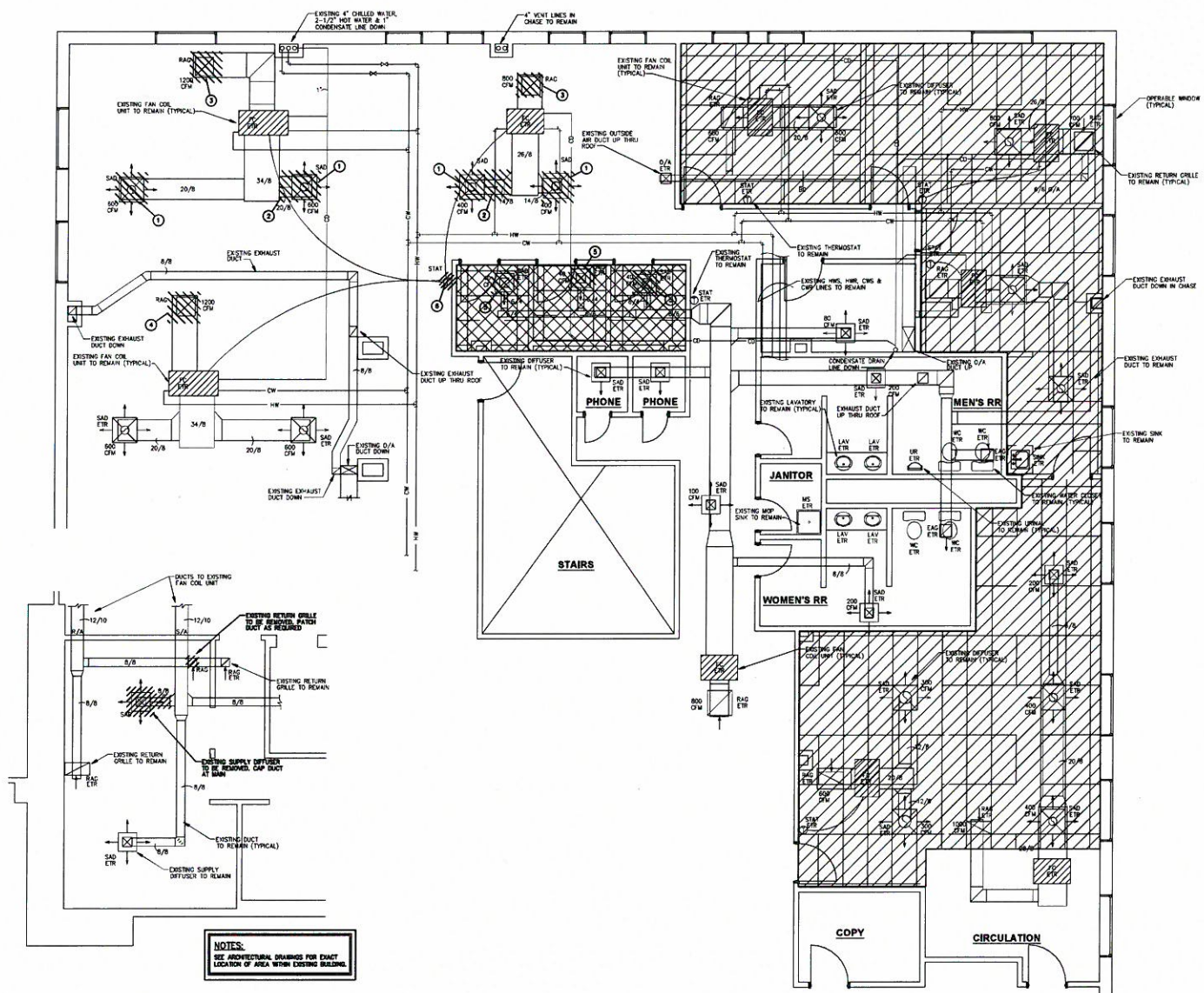
PROJECT # 2818 DATE: APRIL 16, 2018
DEMOLITION PLANS - MECHANICAL
COURT ADMIN. OFFICE RELOCATION
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MPD1.1

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1 DEMOLITION PLAN 4TH FLOOR - MECHANICAL
1/4" = 1'-0"

2 DEMOLITION PLAN 1ST FLOOR - MECHANICAL
1/4" = 1'-0"



NOTES:
SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF AREA WITHIN EXISTING BUILDING.



REVISIONS

| FRESH AIR DATA SCHEDULE (4TH FLOOR) | |
|-------------------------------------|----------------------|
| AREA (Ft ²) | 1,051 F ² |
| OCCUPANCY | 8 |
| REQUIRED VENTILATION RATE | 5 CFM/PERSON |
| FRESH AIR REQUIREMENT | 40 CFM |
| AREA VENTILATION REQMT | 0.94 CFM/SQ FT |
| FRESH AIR REQUIREMENT | 44 CFM |
| FRESH AIR PROVIDED | 104 CFM |
| FRESH AIR PROVIDED (MIN/PLF) | 175 CFM (10%) |

CODED NOTES:

① NEW ZONE STAT AS REQUIRED FOR CONTROL OF EXISTING FAN COIL UNIT. WIRE TO EXISTING FAN COIL AS REQUIRED. CONTRACTOR TO VERIFY EXACT REQUIREMENTS, EQUIPMENT, VALVE, ETC. IN FIELD.

② EXISTING HOT WATER, CHILLED WATER AND CONDENSATE PIPES TO REMAIN. CONTRACTOR TO VERIFY PROPER OPERATION OF CONTROL.

SYMBOLS:

- ETR EXISTING TO REMAIN
- CONNECT TO EXISTING
- REBALANCE DIFFUSER/GRILLE TO INDICATED AIRFLOW AS REQUIRED
- ▨ NEW CEILING TILES TO BE INSTALLED IN THESE AREAS. EXISTING DIFFUSERS AND GRILLES TO REMAIN IN PLACE.
- ▩ NEW CEILING TILES TO BE INSTALLED IN THESE AREAS. DIFFUSERS TO BE RELOCATED AS REQUIRED FOR NEW LAYOUT.

① CEILING PLAN 4TH FLOOR - MECHANICAL
1/4" = 1'-0"

PARTIAL 4TH FLOOR PLAN - MECHANICAL
PROJECT #: 2618
DATE: APRIL 16, 2018

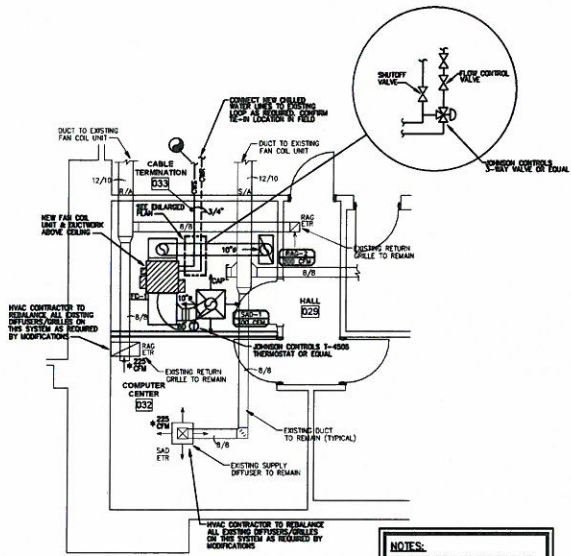
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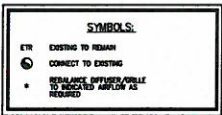
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ARCHITECTS
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- GENERAL NOTES**
- CONTRACTOR IS TO VERIFY ROUTING OF EXISTING DUCTWORK DURING DEMOLITION/CONSTRUCTION AND ADJUST SCOPE OF NEW DEMOLITION AND NEW INSTALLATION AS INDICATED BY EXISTING/NEW CONDITIONS.
 - ALL NEW CONCEALED SUPPLY DUCTWORK IS TO BE INSULATED ON THE EXTERIOR WITH 1-1/2" FIBERGLASS WOAD WITH VAPOR BARRIER.
 - MINIMUM LENGTH OF FLEXIBLE DUCT RUNS AT TERMINAL CONNECTIONS IS TO BE 5'-0".
 - NEW SUPPLY DUCTWORK INDICATED ON THIS DRAWING IS DIAGNOSTIC. HVAC CONTRACTOR IS TO COORDINATE LOCATION AND ROUTING OF NEW DUCTWORK WITH EXISTING STRUCTURAL CONDITIONS, CONSTRUCTION AND NEW COLLARS AS REQUIRED FOR FULLY FUNCTIONAL INSTALLATION.
 - HVAC CONTRACTOR IS TO PROVIDE A FIELD INSPECTION REPORT OF ALL HVAC EQUIPMENT WHICH IS REQUIRED TO REMAIN IN USE. REPORT IS TO BE PROVIDED TO OWNER AND ENGINEER WITH AN EXPLANATION OF ANY REPAIRS, SERVICE AND MAINTENANCE REQUIRED FOR PROPER OPERATION OF EQUIPMENT. OWNER WILL REVIEW REPORTS PRIOR TO ANY SERVICE/REPAIRS BEING PERFORMED.
 - HVAC CONTRACTOR IS TO REBALANCE EXISTING SYSTEMS AND DIFFUSERS AS REQUIRED TO PROVIDE AIRFLOW QUANTITIES AS INDICATED ON DRAWINGS.
 - HVAC CONTRACTOR TO VERIFY EXISTING CONDITIONS IN FIELD TO DETERMINE EXACT LOCATIONS OF NEW FAN COIL UNIT AND ADJUST INSTALLATION ACCORDINGLY.



NOTES:
SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF AREA WITHIN EXISTING BUILDING.

1 PARTIAL FLOOR PLAN 1ST FLOOR - MECHANICAL
1/4" = 1'-0"

| DIFFUSER, REGISTER AND GRILLE SCHEDULE | | | | | |
|--|---------------|---------------|---------------|---------|---------|
| MARK | SAD-1 | SAD-2 | SAD-3 | RAG-1 | RAG-2 |
| MFG | KRUEGER | KRUEGER | KRUEGER | KRUEGER | KRUEGER |
| MODEL | SHR | SHR | SH-2 | SRO | SRO |
| SIZE | 10"Ø | 8"Ø | 8"Ø | 12"x12" | 22"x12" |
| DAMPER | OPPOSED BLACK | OPPOSED BLACK | OPPOSED BLACK | --- | --- |
| PANEL | 24"x24" | --- | --- | --- | 24"x12" |
| BLOW | 4-WAY | ADJUSTABLE | 2-WAY | --- | --- |
| FINISH | WHITE | WHITE | WHITE | WHITE | WHITE |
| TYPE | SUPPLY | SUPPLY | SUPPLY | RETURN | RETURN |
| REMARKS | | | | | |

| FAN COIL UNIT SCHEDULE | | |
|------------------------|-------------------|-------|
| MARK | FC4 | |
| MFG | TRANE | |
| MODEL | FCG-B-840 | |
| SERVICE | CABLE TERMINATION | |
| CPH | 300 | |
| COOLING COIL | ROWS | 4 |
| | CPH | 3.60 |
| | BTUH | 12700 |
| | EWV | 407 |
| | LWT | 87 |
| HEATING COIL | ROWS | --- |
| | CPH | --- |
| | BTUH | --- |
| | EWV | --- |
| | LWT | --- |
| FE | 16 | |
| VOLTAGE | 120/240 | |
| WEIGHT | 113 LBS | |
| REMARKS | SEE NOTES BELOW | |

- NOTES:**
- PROVIDE WITH AUXILIARY DRAIN PLAN
 - COOLING ONLY UNIT
 - FRONT AND REAR DUCT COLLARS
 - WITH PIPING PACKAGE TO MATCH EXISTING FAN COIL VALVE
 - PROVIDE COOLING ONLY THERMOSTAT COORDINATED WITH CONTROL VALVE AS REQUIRED
 - EXTEND 1/4" CONDENSATE DRAIN LINE TO EXISTING CONDENSATE DRAIN LINE LOCATION AS REQUIRED. CONTRH LOCATION IN FIELD.

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PARTIAL 1ST FLOOR PLAN - MECHANICAL

PROJECT #: 2618
DATE: APRIL 16, 2018

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SECTION 15000 - GENERAL REQUIREMENTS

PART 1 - GENERAL

1.01 SCOPE OF WORK

A. The work shall include, but not be limited to, the following:

1. The General Requirements for the Mechanical Trades Work.
2. The Administration and Coordination of the Plumbing and Heating Ventilation and Air Conditioning

1.02 SPECIFICATIONS AND DRAWINGS

A. These specifications and accompanying drawings are not to be considered separately, but are to be considered together, and when so taken are intended to explain each other and must describe the work to be performed and the materials entering into the contract.

1.03 SHOP DRAWINGS

A. Prepare shop drawings of equipment controls and ductwork at sufficient scale and in sufficient detail to clearly show details of construction, show all specified operating characteristics for each item of equipment, including pump and fan curves with design conditions for each fan shown thereon. Identify each drawing or item clearly as to location and use.

1.04 COORDINATION AND SUPERVISION

A. Contractor shall examine work of other trades which comes in contact with or is covered by this work. He shall, in no case, attach to, cover up, or finish against any defective work or install his work in a manner which will prevent proper installation of the work of other trades. He shall consult all drawings, specs and details of other divisions of the work on this project, shall conform to all requirements of same affecting his work. He shall do all plumbing, heating, ventilation and air conditioning work necessary to be done in connection with the installation of other divisions of the work unless specifically otherwise specified under that division.

1.05 RECORD DRAWINGS

A. Prepare and deliver to architect one new and complete set of "record" prints made from original tracings. These prints to accurately show location of all heating, ventilation and air conditioning as installed, exact location of all services where connected into existing piping abandoned or terminated under this contract.

1.06 DRAWING STANDARDS

A. Attention is directed to the fact that drawings and design of systems are based on definite makes of materials or equipment which shall be considered the "specified standard" and shall serve to establish a standard quality and character for equipment and materials.

1.07 INTERFERENCES

A. Before installing any work Contractor shall see that it does not interfere with clearances required for finish on beams, columns, pilasters, walls or other structural or architectural members as shown on architectural drawings. If any work so installed and it later develops that Architectural design cannot be followed, Contractor shall, at his own expense, make such changes in his work in accordance with plans and specifications.

1.08 HOISTS, RIGGING, TRANSPORTATION AND SCAFFOLDING

A. Each Contractor and Subcontractor shall provide all scaffolding, staging, cribbing, racks, hoists and rigging necessary for placing all his materials and equipment in their proper places in the project. All temporary work shall be removed on the job.

1.09 CUTTING AND PATCHING

A. Each Contractor is responsible for his own cutting and patching of existing walls, ceilings and floors as required for installation of their contract work.

1.10 INSTALLATION REQUIREMENTS

A. Contractor shall be governed by the architectural, mechanical, electrical and structural drawings, as well as drawings of associated trades, in the installation of the heating and plumbing work. The location of piping, equipment, ducts, etc. on the drawings are diagrammatic. Indicated positions shall be followed as closely as possible; however, exact locations shall be subject to building construction and interferences with electrical work. Should difficulties prevent the installation of any part of the work as indicated, such shall be called to the attention of the Architect, who will determine locations and changes, and the Contractor shall install the work accordingly. The Architect reserves the right to make minor changes in location of any part of the work up to the time of roughing in without additional cost.

1.11 PERMITS, CERTIFICATES, CODES AND ORDINANCES

A. The intent of this specifications is that Contractors for those portions of the work bear their bids upon the plans and specs, but each installation shall comply with OSHA Safety Requirements and the following applicable code, ordinance, and/or safety rule and regulation, as well as any other which apply to the work shown and specified.

1. HVAC: All state local laws and regulations.

B. The Contractors shall obtain and pay for all official permits, licenses and inspections required by the governing state and local authorities and departments.

1.12 ELECTRICAL CONNECTIONS

A. The Contractors shall acquaint themselves with those portions of the electrical drawings and specs, which establish characteristics of electrical service and shall furnish equipment to operate on that service. Confirm available voltage(s) with electrical contractor.

1.13 SUPERVISION

A. Contractor shall have in charge of work at all times during construction a competent superintendent with experience in work to be installed under this contract.

1.14 FLOOR AND CEILING PLATES

A. On all pipes passing through floors, walls, partitions, plaster, furring, etc. where exposed to view in occupied areas, provide approved steel plates. In finished rooms these plates shall be chrome plated and in unfinished rooms these shall be black iron prime coated.

SECTION 15100 HEATING, VENTILATING AND AIR CONDITIONING

1.01 MATERIALS AND RESPONSIBILITY

A. All materials and equipment shall be installed in a neat and workmanlike manner by competent specialists for each subtrade. The installation of any materials and equipment not meeting these standards may be condemned by the Engineer and shall be removed and reinstalled at no additional cost to the Owner. Contractor is responsible for the safety and good condition of the materials and equipment installed until final acceptance by Owner. All materials shall be stored in such a manner as to prevent damage or weathering prior to installation.

B. When an installation is found being improperly installed, Architect shall notify the Contractor to cease work at once, followed by a written order. Contractor shall then proceed only when corrections have been made.

1.02 ACCESS DOORS

A. The Mechanical Contractor shall furnish and install access doors and frames in all locations where designated to provide access to concealed valves, dampers, and other equipment requiring service or inspection as shown on drawings or as approved in the field by the Architect.

B. Mechanical Contractor shall mark lay-in ceiling tiles in a method approved by Architect where access is required to such mechanical equipment as valves, regulators, fire dampers, etc.

1.03 MISCELLANEOUS STEEL

A. Furnish and install all miscellaneous steel required for supports, hangers, anchors, guides, etc., required for installation of equipment and materials furnished and installed under this section.

1.04 SHEET METAL WORK

A. Furnish and install ductwork, hangers, dampers, hoods, access doors, grilles, louvers, diffusers, roof exhaust fans, relief vents and related sheet metal accessories as shown on drawings and as indicated in these specifications.

B. All low velocity sheet metal shall be fabricated in accordance with the latest recommendations of the ASHRAE and SMACNA. Duct shall be fabricated of No. 1 prime galvanized sheet metal.

C. Furnish and install all manual balancing dampers, splitter dampers, extractors and deflectors as shown on drawings or as required to properly distribute the air. All dampers, extractors and deflectors shall be constructed of the same material as the surrounding ductwork. Unless noted otherwise on the drawings, all manual balancing dampers shall be the opposed blade type. Opposed blade dampers shall be Young Regulator Series 520; extractors shall be Young No. 890-A.

D. All manual balancing dampers, splitter dampers, extractors and deflectors shall be controlled by Young No. 1 or Ventlock No. 588 regulators. If ductwork is accessible, mount the regulator on the ductwork. If work will be inaccessible, after the installation of the ceiling or walls, mount the regulator in a steel, flush-mounted box specifically designed for this purpose. Provide all linkage, top bearings and/or gear drives required for the remote installation of the regulator.

1.05 INSULATION

A. Size, location and type as noted on drawings.

1.06 TESTS AND ADJUSTMENTS

A. Obtain all inspections required by law, ordinance, rules, regulations of authorities having jurisdiction, and obtain and furnish to Architect Certificates of such inspections. Also pay fees, charges, and other expenses in connection therewith.

B. Perform tests and adjustments under this Contractors supervision and report to Architect. During testing period, maintain on job a competent Engineer thoroughly familiar with all phases for as long as required to thoroughly adjust all systems and demonstrate to Architect that they are functioning properly.

C. Perform all tests in accordance with latest standards of Air Balance Council and make necessary adjustments to obtain specified equipment and system characteristics. Perform tests and adjustments in presence of Architect's representative. Adjust diffusers, grilles, and registers to minimize drafts in all areas. Give Architect one week's notice prior to performing final tests. Furnish all necessary labor, tools and testing equipment to make tests and adjustments accurately and expeditiously.

D. Do not consider work under this specification complete until Contractor has obtained required inspections, perform tests, made necessary adjustments, and has submitted satisfactory evidence of compliance. Architect reserves the right to make spot checks to determine accuracy and completeness of all adjustments to satisfaction of Architect.



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MECHANICAL SPECIFICATIONS

DATE: APRIL 16, 2018

PROJECT #: 2618

COURT ADMIN. OFFICE RELOCATION

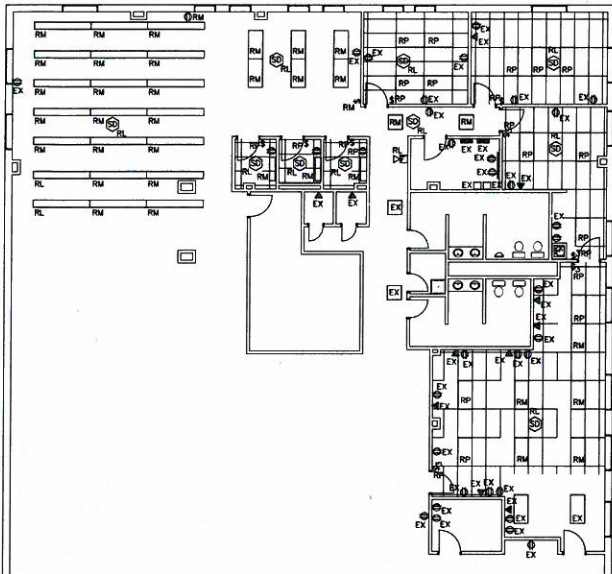
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1 DEMOLITION FLOOR PLAN
1/8" = 1'-0"

4TH FLOOR RCP - ELECTRICAL

| DEMOLITION LEGEND | |
|-------------------|---|
| SYMBOL | DESCRIPTION |
| EX | DEMOTES EXISTING FEATURE OR DEVICE THAT SHALL REMAIN - E.G. SHALL PERFORM ALL WORK NECESSARY TO MAINTAIN THE ELECTRICAL CONTINUITY OF ALL CIRCUITS THAT ARE TO REMAIN ACTIVE. |
| RM | DEMOTES EXISTING FEATURE OR DEVICE THAT SHALL BE REMOVED COMPLETE WITH ALL WIRING. |
| RP | DEMOTES EXISTING FEATURE OR DEVICE THAT SHALL BE REPLACED WITH NEW FEATURE OR DEVICE IN SAME LOCATION. |
| RL | DEMOTES EXISTING FEATURE OR DEVICE THAT SHALL BE RELOCATED COMPLETE - E.G. SHALL EXTEND EXISTING WIRING TO NEW LOCATION. |

| DEMOLITION NOTES | |
|------------------|--|
| D1. | THE ELECTRICAL CONTRACTOR SHALL DISCONNECT AND REMOVE ALL ASSOCIATED CONDUIT AND WIRE IN THE AREA OF THE NEW CONSTRUCTION. CIRCUITS TO EXISTING FEATURES THAT ARE NOTED TO REMAIN SHALL BE MAINTAINED AND ALL WORK ASSOCIATED WITH MAINTAINING THE ELECTRICAL CONTINUITY OF THESE CIRCUITS SHALL BE PERFORMED BY THE ELECTRICAL CONTRACTOR. E.G. TO VERIFY IF EXISTING CONDUIT CAN BE REUSED FOR NEW CONSTRUCTION, CONTACT ARCHITECT OR PROJECT MANAGER PRIOR TO DEMOLITION PHASE. |
| D2. | THE ELECTRICAL CONTRACTOR SHALL DISCONNECT AND REMOVE ALL ELECTRICAL EQUIPMENT, DEVICES AND WIRING IN EXISTING WALLS AND CEILINGS THAT ARE TO BE DEMOLISHED. THE ELECTRICAL CONTRACTOR SHALL PERFORM ALL WORK NECESSARY TO MAINTAIN THE ELECTRICAL CONTINUITY OF ALL EXISTING CIRCUITS THAT ARE TO REMAIN IN PLACE BUT ARE AFFECTED BY DEMOLITION. |
| D3. | NOT ALL ELECTRICAL FEATURES, EQUIPMENT AND DEVICES THAT ARE TO BE DISCONNECTED AND REMOVED ARE SHOWN ON THE DRAWINGS. THE ELECTRICAL CONTRACTOR SHALL VISIT THE SITE AND INCLUDE IN HIS BID ALL DEMOLITION OF ELECTRICAL WORK THAT IS REQUIRED FOR NEW CONSTRUCTION. |
| D4. | DISPOSAL OF ALL EQUIPMENT SHALL CONFORM TO ALL ENVIRONMENTAL PROTECTION AGENCY REQUIREMENTS. |
| D5. | RELOCATE FEATURES TO CLEAR NEW WALL. |

ELECTRICAL SPECIFICATIONS

1.01. RELATED REQUIREMENTS

A. REQUIREMENTS SPECIFIED IN DIVISION 1, INSTRUCTIONS TO BIDDERS, SUPPLEMENTAL GENERAL CONDITIONS, SPECIAL CONDITIONS, 16 AND ALL ITS SECTIONS, COMPRISE THE DOCUMENTS FOR THE ELECTRICAL CONTRACT.

B. THIS PROJECT HAS BEEN DESIGNED TO ADHERE TO AT LEAST THE MINIMUM RECOMMENDATIONS OF THE PREVAILING ELECTRICAL CODES. THE DRAWINGS AND SPECIFICATIONS FOR THIS PROJECT ARE INTENDED TO BE THE INSTALLATION QUALITY AND NOT TO CONFORM TO A MINIMUM CODE STANDARD. WHEN THE DESIGN IS BELOW THE PREVAILING MINIMUM REQUIRED CODES AND ORDINANCES, THE CONTRACTOR SHALL INSTALL THE EQUIPMENT TO THE CODE MINIMUM AT NO ADDITIONAL COST TO THE OWNER.

1.02. INSPECTION

A. ALL WORK SHALL BE INSPECTED BY THE AUTHORITY HAVING JURISDICTION. UPON COMPLETION OF THE WORK, THE CONTRACTOR SHALL FURNISH TO THE ARCHITECT A CERTIFICATION OF INSPECTION AND APPROVAL FOR EACH AUTHORITY BEFORE FINAL PAYMENT ON CONTRACT WILL BE ALLOWED. FEE FOR THE INSPECTION SHALL BE PART OF THE CONTRACT. THE COST OF WHICH SHALL BE INCLUDED IN THIS CONTRACTOR'S BID.

1.03. CODES

A. PERFORM ALL WORK IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE AS ISSUED BY THE NATIONAL FIRE PROTECTION ASSOCIATION INTERNATIONAL, NATIONAL ELECTRICAL SAFETY CODE, STANDARDS OF THE NATIONAL BUREAU OF THE FIRE UNDERWRITERS AND ANY LOCAL CODES OR ORDINANCES.

1.04. SHOP DRAWINGS

A. THE CONTRACTOR SHALL SUBMIT TO THE ARCHITECT DETAILED, DIMENSIONED SHOP DRAWINGS COVERING ALL ITEMS OF EQUIPMENT AND COMPONENTS OF ALL LIGHTING FIXTURES. NO EQUIPMENT SHALL BE PUT INTO MANUFACTURE OR ORDERED UNTIL THESE SHOP DRAWINGS OR BROUDESCHUITS ARE APPROVED BY THE ARCHITECT. SHOP DRAWINGS SHALL BE SUBMITTED FOR DEVICES, LIGHT FIXTURES, SOUND SYSTEMS, CARD ACCESS, FIRE ALARM AND LIGHTING CONTROL.

1.05. EXAMINATION OF SITE

A. THE ELECTRICAL CONTRACTOR SHALL VISIT THE SITE OF THE WORK AND FAMILIARIZE HIMSELF WITH ALL CONDITIONS AFFECTING THE WORK.

1.06. WORKMANSHIP

A. ELECTRICAL WORK SHALL BE INSTALLED BY JOURNEYMEN ELECTRICIANS SUPERVISED BY COMPETENT FOREMEN AND WORKMANSHIP IN ACCORDANCE WITH THE BEST PRACTICE OF THE TRADE.

1.07. EQUIPMENT IDENTIFICATION

PROVIDE NAME PLATES ON ALL EQUIPMENT. LETTERING SHALL INCLUDE NAME OF EQUIPMENT, THE SPECIFIC UNIT NUMBER, AND ANY REFERENCE TO ON-OFF OR OTHER INSTRUCTIONS THAT ARE APPLICABLE. NAME PLATES SHALL BE LAMINATED PHENOLIC WITH A BLACK SURFACE AND WHITE CORE.

1.08. MATERIALS AND EQUIPMENT

A. ALL MATERIALS AND EQUIPMENT SHALL BE NEW AND OF THE TYPE LISTED BY UNDERWRITERS LABORATORIES, INC. AND SHALL BE IN STRICT CONFORMITY WITH THE LATEST STANDARDS OF THE INDUSTRY.

B. WHERE MATERIALS, EQUIPMENT, APPARATUS OR OTHER PRODUCTS ARE SPECIFIED BY MANUFACTURER BRAND NAME, THE CATALOG NUMBER OR SUCH DESIGNATION AS TO ESTABLISH STANDARDS OF DESIRED QUALITY AND STYLE AND SHALL BE THE BASIS OF THE BID. MATERIALS SO SPECIFIED SHALL BE FURNISHED UNDER CONTRACT. WHERE TWO OR MORE DESIGNATIONS ARE LISTED, CHOICE OF THE DESIGNATED SHALL BE OPTIONAL TO THE CONTRACTOR.

1.09. TESTS

A. CONTRACTOR SHALL CONDUCT SUCH TESTS AND ADJUSTMENTS OF EQUIPMENT AS REQUIRED BY ARCHITECT OR NECESSARY TO VERIFY PERFORMANCE REQUIREMENTS. SUBMIT DATA TAKEN DURING SUCH TESTS TO ARCHITECT.

1.10. RECORD DRAWINGS

A. CONTRACTOR SHALL KEEP AN ACCURATE RECORD OF ALL DEVIATIONS FROM CONTRACT DRAWINGS AND SPECIFICATIONS. AT COMPLETION OF JOB AND BEFORE FINAL APPROVAL, MAKE ANY FINAL CORRECTIONS TO DRAWINGS AND CERTIFY TO THE ACCURACY OF EACH PRINT BY SIGNATURE THEREON AND DELIVER SAME TO ARCHITECT.

1.11. LOAD BALANCE AND ADJUSTMENT

A. THIS CONTRACTOR SHALL FURNISH PERSONNEL AND EQUIPMENT AND INSURE THAT BUILDING POWER, LIGHTING MOTOR AND APPLIANCE LOADS ARE BALANCED BETWEEN PHASES OF SERVICE ENTRANCE DISTRIBUTION FEEDERS AND/OR TRANSFORMERS AS CLOSELY AS POSSIBLE.

1.12. CUTTING AND PATCHING

A. ALL PENETRATIONS OF FIRE RATED WALLS OR CEILING SHALL BE AS SPECIFIED BY THE ARCHITECT. ALL OPENINGS SHALL BE SEALED IN ACCORDANCE WITH THE ARCHITECT'S REQUIREMENTS. FIRE RATED WALL OR CEILING. THE ELECTRICAL CONTRACTOR SHALL DO ALL CUTTING, PATCHING, TRENCHING AND BACKFILLING REQUIRED TO PERFORM HIS WORK.

1.13. SCOPE OF WORK

A. THE ELECTRICAL CONTRACTOR SHALL INCLUDE ALL LABOR, MATERIAL, SUPERVISOR, TOOLS AND EQUIPMENT NECESSARY TO PERFORM THE ELECTRICAL WORK AS SHOWN ON THE DRAWINGS AND/OR DESCRIBED IN THESE SPECIFICATIONS OR AS NECESSARY TO COMPLETE THE PROJECT.

B. REMOVE THE EXISTING ELECTRIC DISTRIBUTION SYSTEM, INCLUDING ALL BRANCH CIRCUITS, DEVICES, PLATES, ETC. AS SHOWN.

C. INSTALL ALL LIGHTING FIXTURES INCLUDING ALL LAMPS AND SUPPORTS.

D. PROVIDE AN EMPTY CONDUIT SYSTEM FOR TELEPHONE SYSTEM AS SHOWN ON THE PLANS INCLUDING OUTLET BOXES, ETC.

E. PROVIDE DEMOLITION AS INDICATED ON THE PLANS AND AS REQUIRED SO AS NOT TO IMPAIR THE REUSE/REUSE MAINTAIN CIRCUIT CONTINUITY TO ALL DOWNSTREAM EQUIPMENT.

F. REMOVE AND EXTEND THE EXISTING FIRE ALARM SYSTEM AS INDICATED ON THE PLANS. MAKE ALL ADJUSTMENTS TO THE EXISTING SYSTEM AS REQUIRED TO ACCEPT THE NEW DEVICES.

SECTION 16100 MATERIALS & EQUIPMENT

1.01. CONDUIT

A. ALL WIRING SHALL BE INSTALLED IN CONDUIT. ALL CONDUIT SHALL BEAR THE UL LABEL. GALVANIZED ELECTRICAL METALLIC TUBING (EMT) WITH SET SCREW TYPE STEEL COUPLERS AND CONNECTORS. MAY BE USED WHERE CONCEALED IN WALLS OR CEILINGS.

B. CONDUIT IN EARTH OR IN CONCRETE SLABS SHALL BE TYPE RIGID RIBBON HEMPWALL CONDUIT OR SCHEDULE 40 PVC CONDUIT.

C. MINIMUM CONDUIT SHALL BE 1/2 INCH TRADE SIZE.

D. FLEXIBLE CONDUIT SHALL BE MINIMUM 1/2 INCH TRADE SIZE.

E. MINIMUM CONDUIT SIZE FOR HOME RUNS SHALL BE 3/4" INCH TRADE.

F. NO CONDUIT SHALL REST ON OR BE SUPPORTED FROM ACoustical TILE CEILINGS.

1.02. WIRE

A. ALL WIRING SHALL BE COPPER. FURNISH AND INSTALL MINIMUM (UNLESS NOTED OTHERWISE ON DRAWINGS) TYPE THIN AND VOLT 75 DEGREES C WIRE FOR GENERAL USE. MINIMUM SIZE OF CONDUCTORS SHALL BE NO. 12 (UNLESS SHOWN OTHERWISE ON THE DRAWINGS).

B. JOINTS IN NUMBER 12 AND SMALLER WIRE SHALL BE MADE WITH MINNESOTA WIRING AND MANUFACTURING CO. INSULATED "SUTHERLANDS" IDEAL CO. "HUB-NUT" 1 & 8 CO. "TRUST" CONNECTORS, OR WITH MECHANICALLY CRIMPED SLEEVES AS MANUFACTURED BY T & B OR IDEAL.

C. JOINTS IN NO. 8 AND LARGER SHALL BE MADE WITH PRESSURE-TYPE MECHANICAL CONNECTORS AND INSULATED WITH ELECTRICAL TAPE TO 100% OF THE INSULATING VALUE OF THE CONDUCTOR INSULATION.

1.03. MC CABLE

A. MC CABLE MAY BE USED WHERE PERMITTED BY ARTICLE 330 OF THE NATIONAL ELECTRICAL CODE. NO CABLE WILL HAVE A UL LABEL AND BE APPROVED FOR THE USE.

1.04. OUTLET BOXES

A. BOXES USED FOR DEVICES, CIRCUIT OUTLETS AND JUNCTION BOXES SHALL BE GALVANIZED PRESSED STEEL, CAPABLE OF BEING MOUNTED IN ANY POSITION. ALL BOXES SHALL HAVE ONE AND BACK KNOCKOUTS WITH SMOOTH CLEAN EDGES. KNOCKOUTS SHALL BE A COMBINATION OF 1/2" AND 3/4".

1.05. DEVICES

A. THE ARCHITECT AND/OR THE ENGINEER RESERVE THE RIGHT TO CHANGE OUTLET LOCATIONS UP TO THE TIME OF ROUGH-IN WITHOUT ADDITIONAL COST.

B. ALL DEVICES SHALL BE FIRMLY SECURED TO BOXES.

C. SPECIFICATIONS GRADE DUPLEX RECEPTACLES AND SWITCHES SHALL BE FURNISHED AS SHOWN ON THE DRAWINGS.

D. ALL PLATES SHALL BE SIZED FOR THE NUMBER OF DEVICES USED. STAMPED IN ONE PIECE AND WITH CENTERDRUM SCREW HOLES. FURNISH AND INSTALL METAL SCREWS WITH A FINISH TO MATCH THE FINISH OF THE PLATES.

1.06. FIXTURES

A. ALL LUMINAIRES AND LIGHTING EQUIPMENT SHALL BE DELIVERED TO THE BUILDING COMPLETE WITH SUSPENSION ACCESSORIES, DIMMER, HOUSING, CASINGS, SOCKETS, HOLDERS, REFLECTORS, BALLASTS, DIFFUSING MATERIAL, LAMPS, GUARDS, PLASTER FRAMES, RECESSING BOXES, ETC., ALL WREED AND ASSEMBLED.

B. ALL PLASTIC ENCLOSURES SHALL BE MANUFACTURED WITHOUT IMPERFECTIONS. THESE PLATES SHALL BE MADE OF VIRGIN ACRYLIC AND BE FREE OF BURRS OR VOIDS.

C. FIXTURES SHALL BE SUPPORTED INDEPENDENT OF CEILING SYSTEM. PROVIDE MINIMUM OF TWO SUPPORTS (AT OPPOSITE CORNERS) ON ALL LAY-IN FIXTURES.

D. ACCEPTABLE MANUFACTURERS SHALL BE HUBBELL, AUSTY BRANDS AND COOPER.

1.07. GROUNDING

A. ALL GROUND WIRES SHALL BE SIZED IN ACCORDANCE WITH NEC FOR EACH APPLICATION REQUIRED. ANY GROUND CONDUCTIONS USED IN EXPOSED AREAS SHALL BE IN CONDUIT AND CONDUCTOR BRAZED AT EACH END. GROUNDING SYSTEM SHALL BE CONTINUOUS THROUGH CONDUITS AND/OR GROUND CONDUCTORS.

B. GROUNDING SYSTEMS SHALL INCLUDE SERVICE ENTRANCE EQUIPMENT GROUNDING. ALL FLEXIBLE CONDUITS SHALL CONTAIN A COPE SIZE GROUND WIRE THROUGH ITS ENTIRE LENGTH AND WIRE SHALL BE GREEN IN COLOR.

1.08. GUARANTEE

A. THIS CONTRACTOR SHALL GUARANTEE HIS WORKMANSHIP AND MATERIAL (LAMPS EXCEPTED) FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE AND LEAVE HIS WORK IN PERFECT ORDER AT COMPLETION. SHOULD DEFECTS DEVELOP WITHIN THE GUARANTEE PERIOD, THIS CONTRACTOR SHALL, UPON NOTICE OF SAME, REMEDY THE DEFECTS AND MAKE ALL DAMAGES TO OTHER WORK OR FURNISHINGS CAUSED BY THE DEFECTS OR THE WORK OF CORRECTING SAME REPAIRED AND/OR REPLACED AT HIS EXPENSE, TO THE EXTENT OF SUCH DAMAGE.



REVISIONS

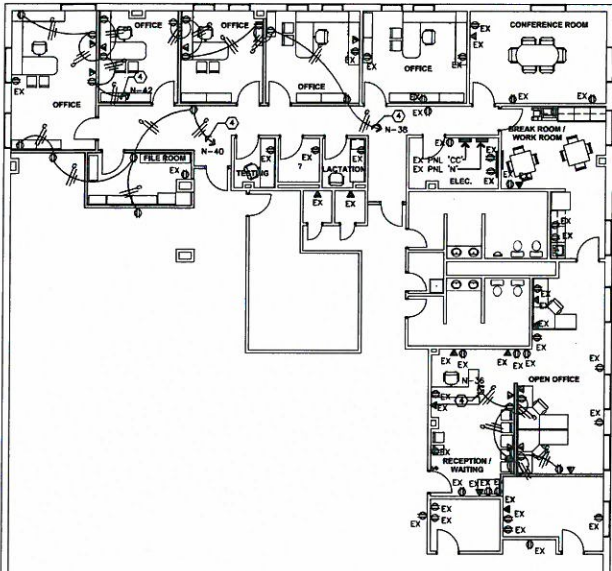
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DEMOLITION FLOOR PLAN - ELECTRICAL
PROJECT #: 2618
DATE: APRIL 16, 2016
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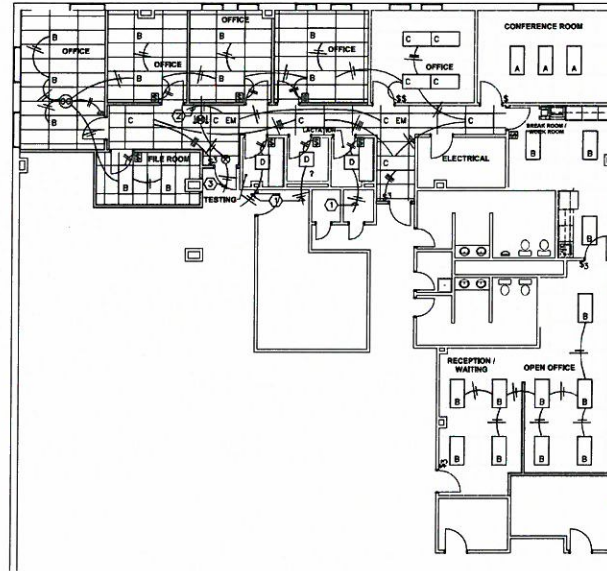
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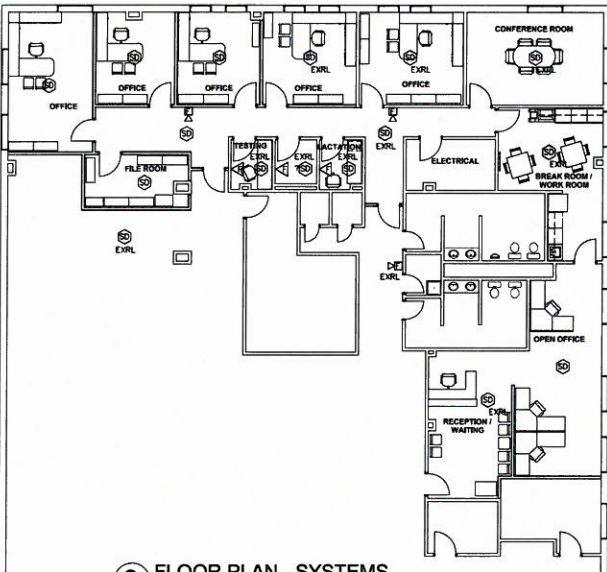
1 FLOOR PLAN 4TH FLOOR - ELECTRICAL
1/8" = 1'-0"

CODED NOTES:

1. Tie INTO EXISTING LIGHTING CIRCUIT IN ROOM.
2. Tie INTO EXISTING CORRIDOR EMERGENCY LIGHTING CIRCUIT.
3. Tie INTO EXISTING EXT LIGHT CIRCUIT.
4. FURNISH AND INSTALL A 20A, 1P, 120V CIRCUIT BREAKER IN PANEL 'N'.
5. WIRE TO CONTROL LIGHT FIXTURE IN ROOM. REWORK CIRCUIT AS REQUIRED TO CONTROL FIXTURE FROM THIS SWITCH ONLY.
6. FURNISH AND INSTALL A 1P, 120V, 20A CIRCUIT BREAKER IN PANEL 'X' LOCATED IN 1ST FLOOR ELECTRICAL ROOM.

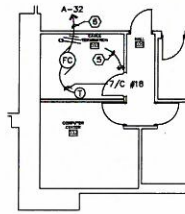


2 CEILING PLAN 4TH FLOOR RCP - ELECTRICAL
1/8" = 1'-0"



3 FLOOR PLAN - SYSTEMS
1/8" = 1'-0"

| LIGHT FIXTURE SCHEDULE | | | | | |
|------------------------|------|----------------------------------|-------|----------|---------------|
| SYMBOL | MARK | DESCRIPTION | LAMPS | MOUNTING | NOTES |
| □ | A | COLUMBIA LIT24-35-HL-G-FS-A12-EU | LED | LAY-IN | 5900 LU - 45W |
| □ | B | COLUMBIA LIT24-35-ML-G-FS-A12-EU | LED | LAY-IN | 4700 LU - 35W |
| □ | C | COLUMBIA LIT24-35-ML-G-FS-A12-EU | LED | LAY-IN | 3800 LU - 31W |
| □ | D | COLUMBIA LIT23-35-ML-G-FS-A12-EU | LED | LAY-IN | 3300 LU - 31W |
| ⊙ | X | COMPASS CE25R | LED | SURFACE | |
| ⊙ | X2 | COMPASS CE25R | LED | SURFACE | |



4 PARTIAL 1ST FL. PLAN - ELECTRICAL
1/8" = 1'-0"

| ELECTRICAL LEGEND | |
|-------------------|---|
| SYMBOL | DESCRIPTION |
| ⊙ | HUBBELL NO. HBL-5353 120V/20A DUPLEX RECEPTACLE AT 18" A.F.F. OR AS NOTED. |
| ⊙ | HUBBELL NO. HBL-GPST20 120V/20A DUPLEX RECEPTACLE WITH GROUND FAULT PROTECTION AT 18" A.F.F. OR AS NOTED - WP DENOTES WEATHERPROOF PLATE. |
| ⊙ | HUBBELL NO. HBL-1221 120-277V/20A SINGLE POLE TOGGLE SWITCH AT 48" A.F.F. |
| ⊙ | HUBBELL NO. HBL-1223 120-277V/20A THREE-WAY TOGGLE SWITCH AT 48" A.F.F. UNLESS NOTED OTHERWISE. |
| ⊙ | HUBBELL AD1277H OCCUPANCY SENSOR SWITCH. MOUNT 48" A.F.F. |
| ⊙ | COMPUTER/TELEPHONE OUTLET - 4" SQUARE FLUSH BOX WITH SINGLE GANG COVER, STUB 3/4" C. TO ACCESSIBLE CEILING SPACE UNLESS NOTED. |
| ⊙ | FIRE ALARM SYSTEM - COMBINATION HORN/STROBE. MATCH EXISTING. WIRE TO EXISTING SYSTEM AS REQUIRED. |
| ⊙ | FIRE ALARM SYSTEM - CEILING SMOKE DETECTOR. MATCH EXISTING. WIRE TO EXISTING SYSTEM AS REQUIRED. |
| ⊙ | FIRE ALARM SYSTEM - STROBE. MATCH EXISTING. WIRE TO EXISTING SYSTEM AS REQUIRED. |
| ⊙ | EXISTING FIRE ALARM HORN/STROBE RELOCATED. EXTEND WIRING FROM EXISTING LOCATION. |
| ⊙ | EXISTING SMOKE DETECTOR RELOCATED. EXTEND WIRING FROM EXISTING LOCATION. |
| ⊙ | HUBBELL AT202000L CEILING MOUNTED OCCUPANCY SENSOR. LOCATE PER MANUFACTURER'S RECOMMENDATIONS. |
| ⊙ | FAN COIL UNIT LOCATED ABOVE FINISHED CEILING. FURNISH AND INSTALL NO-FUSE DISC. SW. ELECTRICAL CONTRACTOR TO WIRE 3-WAY VALVE AND THERMOSTAT. |
| ⊙ | INSTALL AND CONNECT THERMOSTAT - VERIFY LOCATION AND WIRING WITH MECHANICAL CONTRACTOR. |

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