

1ST MIDWEST BANK SHERIFF RENOVATION

50 W JEFFERSON ST

JOLIET IL

WILL COUNTY

302 N. CHICAGO ST

JOLIET IL

▪ CORDOGAN, CLARK & ASSOCIATES, INC. ▪
 : ARCHITECTS ▪ ENGINEERS :

PROJECT INFORMATION :

PROJECT ADDRESS : 50 W JEFFERSON ST
 JOLIET, IL

PROJECT DESCRIPTION : RENOVATION OF 2ND AND 3RD
 FLOOR OF EXISTING MIDWEST
 BANK BUILDING FOR USE AS WILL
 COUNTY' SHERIFF'S OFFICE

CODE REQUIREMENTS:
 INTERNATIONAL BUILDING CODE 2012
 INTERNATIONAL MECHANICAL CODE 2012
 INTERNATIONAL FUEL GAS CODE 2012
 INTERNATIONAL FIRE CODE 2012
 INTERNATIONAL ENERGY CONSERVATION CODE 2012
 NATIONAL ELECTRIC CODE
 ILLINOIS PLUMBING LICENSE LAW (225 ILCS 320)
 1997 ILLINOIS ACCESSIBILITY CODE

TOTAL BUILDING AREA: EXISTING 2ND FLOOR = 18,720 SF
 EXISTING 3RD FLOOR = 8,260 SF
 TOTAL = 26,980 SF

CONSTRUCTION TYPE: 2B

OCCUPANCY: BUSINESS - B

OCCUPANT LOAD: TO BE FILLED OUT FOR PERMIT

MAXIMUM TRAVEL DISTANCE: 200'

FIRE SPRINKLER DESIGN: NFPA 13

VICINITY MAP:



SHEET LIST

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M3.0	THIRD FLOOR MECHANICAL PLAN
FIRE PROTECTION	
FP1.0	FIRE PROTECTION PLAN
ELECTRICAL	
E1.2	SECOND FLOOR LIGHTING PLAN
E1.3	THIRD FLOOR LIGHTING PLAN
E2.2	SECOND FLOOR POWER PLAN
E2.3	THIRD FLOOR POWER PLAN

CERTIFICATION

STATEMENT OF COMPLIANCE

"I have prepared, or caused to be prepared under my direct supervision, the attached plans and specifications and state that, to the best of my knowledge and belief and to the extent of my contractual obligation, they are in compliance with the Environmental Barriers Act (410 ILCS 25) and the Illinois Accessibility Code (71 Ill. Adm. Code 400)."

Signed: _____
 Architect/Engineer

SEAL

ILLINOIS REGISTRATION NO.: 101014 EXPIRES NOV 30, 2014

Date: _____

"I hereby certify these drawings have been prepared under my direct supervision and to the best of my knowledge comply with all applicable codes of JOLIET, IL."

1ST MIDWEST BANK SHERIFF RENOVATION
 WILL COUNTY
 50 W JEFFERSON ST
 JOLIET, IL 60432



COVER SHEET

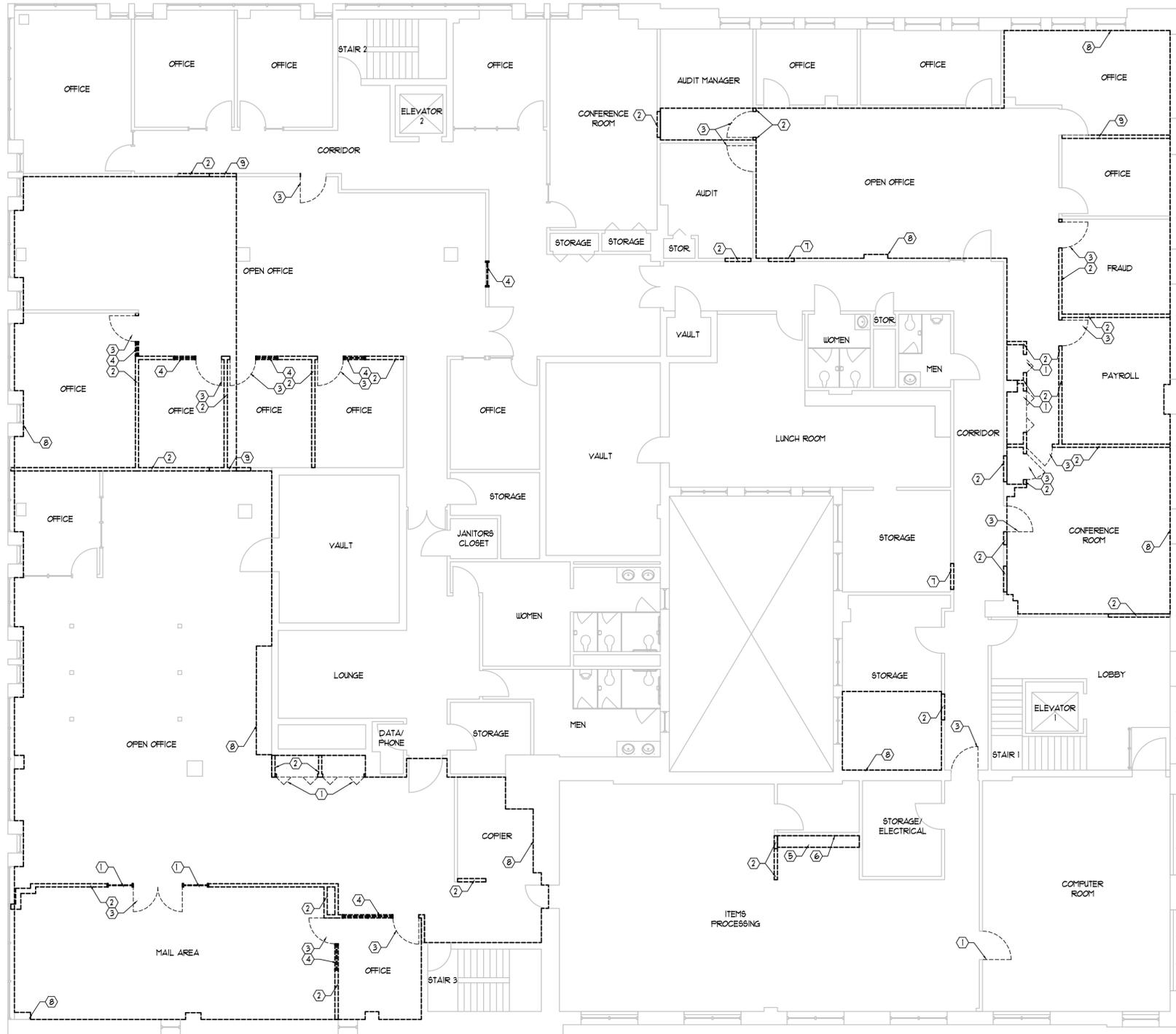
JOB NUMBER:
 14372

DATE:
 02.03.2015

BID SET

REVISIONS:

SHEET:
 T0.1



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

GENERAL NOTES

1. IN AREAS WHERE EXISTING WALLS, PARTITIONS, ETC., ARE TO BE REMOVED, IT SHALL BE NECESSARY TO REPAIR EXISTING CEILING, ADJUST, RELOCATE, OR REQUIRE LIGHTING FIXTURES AND ELECTRICAL AS MAY BE REQUIRED OR DIRECTED.
2. ALL WORK SUCH AS CUTTING, PATCHING, REPAIR WORK, ETC., MUST BE PERFORMED BY TRADES SPECIALIZED IN THAT WORK, UNLESS SPECIFICALLY OTHERWISE NOTED.
3. WASH AND CLEAN ALL EXISTING INTERIOR HVAC GRILLES AND DIFFUSERS WHICH ARE TO REMAIN (CEILING AND WALL MOUNTED, AND FREESTANDING * EXPOSED CONSTRUCTION).
4. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE RESTORATION OF EXISTING WALLS AND CONSTRUCTION AS NECESSARY TO RECEIVE NEW FINISHES.
5. EXISTING WALLS, FLOORS, AND CEILINGS WHICH ARE DAMAGED AND ARE TO REMAIN SHALL BE PATCHED AND REBUILT AS REQUIRED TO MATCH SURROUNDING CONSTRUCTION, AT NO ADDITIONAL COST TO THE OWNER.
6. ACTIVE PIPES, CONDUITS, AND OTHER UTILITIES OF ALL TYPES, WHETHER SHOWN IN THE CONSTRUCTION DOCUMENTS OR NOT, MUST BE PROTECTED BY THE CONTRACTOR AT ALL TIMES DURING THE CONSTRUCTION OF THE WORK. EXTREME CARE SHALL BE EXERCISED AT ALL TIMES NOT TO DAMAGE ANY SUCH PIPES AND CONDUITS, WHERE DAMAGE OCCURS, THE CONTRACTOR SHALL REPAIR SUCH DAMAGE IN A MANNER APPROVED BY THE ARCHITECT AND THE OWNER, AND AT NO CHANGE IN CONTRACT PRICES.
7. IN AREAS WHERE EXISTING WALLS ARE TO BE REMOVED, IT SHALL BE NECESSARY TO PATCH/REPAIR ADJACENT EXISTING WALL TO MATCH ADJACENT WALL FINISH.
8. ALL NEW WALLS AND ADJACENT EXISTING WALLS ARE TO RECEIVE PAINT PT-1. SEE ROOM FINISH PLAN FOR LOCATIONS. REFER TO SPECIFICATION SECTION 090103.

DEMOLITION GENERAL NOTES

1. DEMOLITION IS IDENTIFIED BY KEY, DASHED LINE, OR HATCH REFER TO ENTIRE SET OF DOCUMENTS FOR COMPLETE EXTENT OF DEMOLITION.
2. REFER TO T02 FOR GENERAL NOTES.
3. ROOM NUMBERS IN EXISTING/DEMOLITION PLANS ARE FOR REFERENCE ONLY AND MAY NOT MATCH NEW ROOM NUMBERS.
4. COORDINATE DEMO FLOOR PLAN AND NEW FLOOR PLAN FOR CARPETED AREAS TO BE PATCHED.
5. COORDINATE WITH NEW REFLECTED CEILING PLAN AND ROOM FINISH SCHEDULE FOR EXTENT OF CEILING DEMOLITION.

DEMOLITION PLAN KEY NOTES

1. REMOVE EXISTING DOOR AND/OR WINDOW ASSEMBLY AND ASSOCIATED BLOCKING AND LINTELS. PROVIDE TEMPORARY SUPPORT OF WALL ABOVE AS REQUIRED UNTIL NEW CONSTRUCTION IS INSTALLED.
2. REMOVE EXISTING WALL CONSTRUCTION TO EXTENTS SHOWN IN PLAN. FOR FULL HEIGHT OF WALL COORDINATE WITH PROPOSED NEW CONSTRUCTION.
3. REMOVE DOOR AND FRAME IN THEIR ENTIRETY. SALVAGE DOOR FOR REUSE. REFER TO ROOM FINISH SCHEDULE.
4. REMOVE GLAZING AND FRAME IN ITS ENTIRETY.
5. REMOVE EXISTING COUNTER IN ITS ENTIRETY. PROVIDE SAME LEVEL OF FINISH ON NEWLY EXPOSED WALLS AS THAT OF ADJACENT WALL.
6. REMOVE EXISTING PLUMBING FIXTURE AND COORDINATE WITH NEW WORK. CAP UTILITIES AS REQUIRED AT NEAREST FLOOR AND WALL JUNCTION.
7. REOPEN PATCHED OPENING FOR NEW DOOR. REFER TO DOOR SCHEDULE.
8. REMOVE EXISTING FLOOR FINISH TO EXTENT SHOWN IN PLAN BY DASHED LINE. COORDINATE WITH NEW FLOOR PLAN AND ROOM FINISH SCHEDULE.
9. REMOVE EXISTING WALL CONSTRUCTION TO 6" BELOW ACOUSTICAL CEILING. SEE RCP FOR LOCATIONS. FOR FULL HEIGHT OF WALL COORDINATE WITH PROPOSED NEW CONSTRUCTION.
10. SEE DOOR SCHEDULE FOR HEIGHTS OF NEW DOOR AND FRAME TYPE.

• CORDOGAN, CLARK & ASSOCIATES, INC. •
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SECOND FLOOR DEMOLITION PLAN

JOB NUMBER:
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REVISIONS:

SHEET:
A1.1



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

GENERAL NOTES

1. IN AREAS WHERE EXISTING WALLS, PARTITIONS, ETC., ARE TO BE REMOVED, IT SHALL BE NECESSARY TO REPAIR EXISTING CEILING, ADJUST, RELOCATE, OR REQUIRE LIGHTING FIXTURES AND ELECTRICAL AS MAY BE REQUIRED OR DIRECTED.
2. ALL WORK SUCH AS CUTTING, PATCHING, REPAIR WORK, ETC., MUST BE PERFORMED BY TRADES SPECIALIZED IN THAT WORK, UNLESS SPECIFICALLY OTHERWISE NOTED.
3. WASH AND CLEAN ALL EXISTING INTERIOR HVAC GRILLES AND DIFFUSERS WHICH ARE TO REMAIN (CEILING AND WALL MOUNTED, AND FREESTANDING • EXPOSED CONSTRUCTION).
4. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE RESTORATION OF EXISTING WALLS AND CONSTRUCTION AS NECESSARY TO RECEIVE NEW FINISHES.
5. EXISTING WALLS, FLOORS, AND CEILINGS WHICH ARE DAMAGED AND ARE TO REMAIN SHALL BE PATCHED AND REBUILT AS REQUIRED TO MATCH SURROUNDING CONSTRUCTION, AT NO ADDITIONAL COST TO THE OWNER.
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8. ALL NEW WALLS AND ADJACENT EXISTING WALLS ARE TO RECEIVE PAINT PT-1. SEE ROOM FINISH PLAN FOR LOCATIONS. REFER TO SPECIFICATION SECTION 090123.

DEMOLITION GENERAL NOTES

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- ② REMOVE EXISTING WALL CONSTRUCTION TO EXTENTS SHOWN IN PLAN. FOR FULL HEIGHT OF WALL COORDINATE WITH PROPOSED NEW CONSTRUCTION.
- ③ REMOVE DOOR AND FRAME IN THEIR ENTIRETY. SALVAGE DOOR FOR REUSE. REFER TO ROOM FINISH SCHEDULE.
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- ⑨ REMOVE EXISTING WALL CONSTRUCTION TO 6" BELOW ACOUSTICAL CEILING TIE. SEE RCP FOR LOCATIONS. FOR FULL HEIGHT OF WALL COORDINATE WITH PROPOSED NEW CONSTRUCTION.
- ⑩ SEE DOOR SCHEDULE FOR HEIGHTS OF NEW DOOR AND FRAME TYPE.

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THIRD FLOOR DEMOLITION PLAN

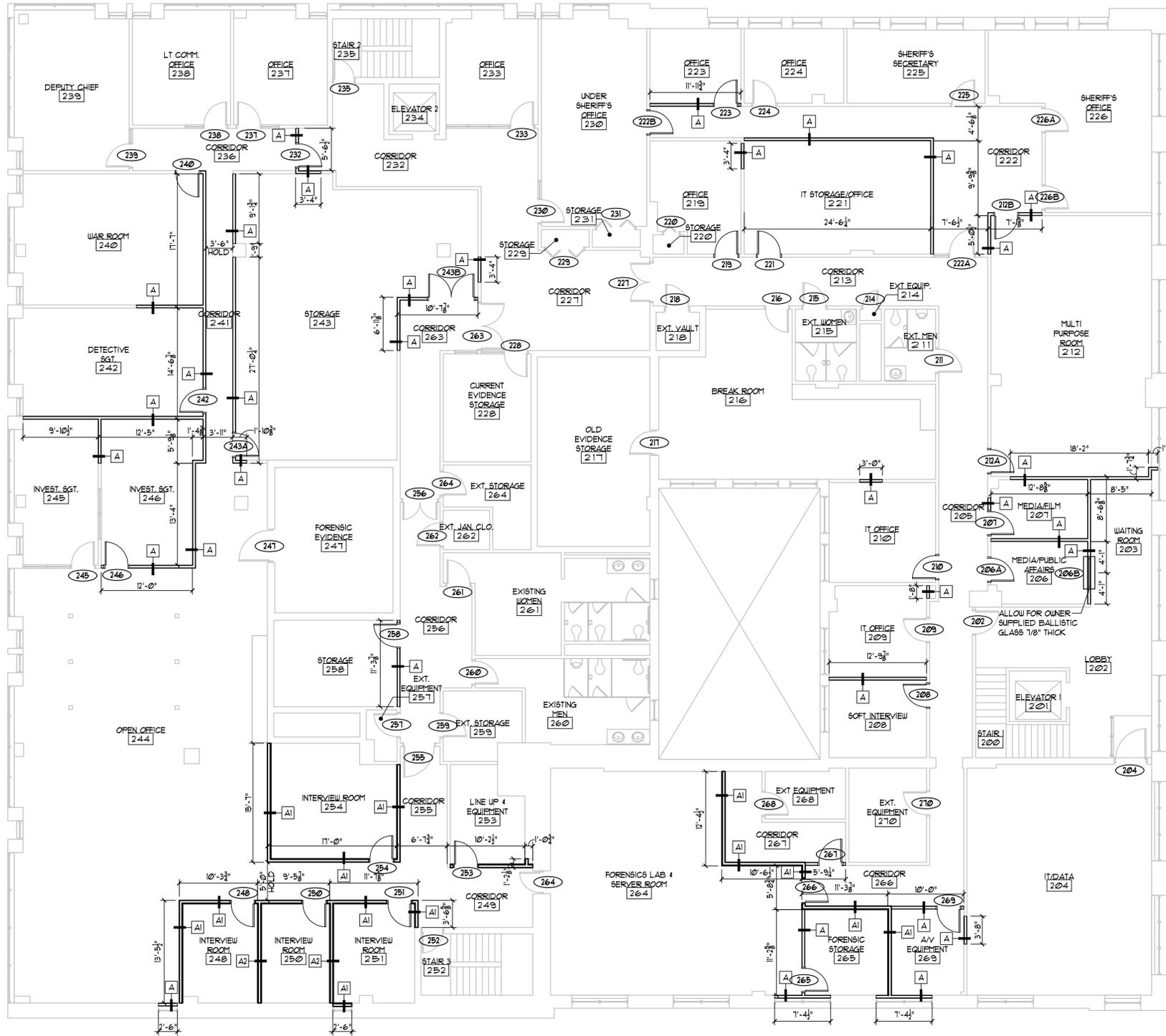
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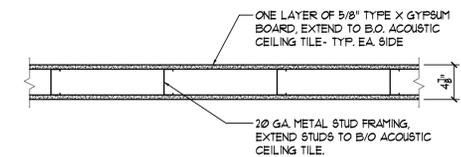
1 SECOND FLOOR - FLOOR PLAN
 1/8" = 1'-0"

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PLAN NOTES

- NEW WORK IS IDENTIFIED BY KEYNOTES AND DARK LINES. REFER TO ENTIRE SET OF DOCUMENTS FOR COMPLETE EXTENT OF NEW WORK.
- ALL NEW PARTITIONS TO BE CONSTRUCTED FROM METAL STUDS OF THICKNESS TO MATCH ADJACENT EXISTING PARTITION WITH PAINTED GYPSUM BOARD ON BOTH SIDES UNLESS NOTED OTHERWISE.
- METAL FRAMING PERFORMANCE CRITERIA: CONTRACTOR IS RESPONSIBLE FOR PROVIDING NECESSARY FRAMING, GAUGES, FASTENERS, ETC. TO ACHIEVE L/360 DEFLECTION AT ALL METAL FRAMING INSTALLATIONS.
- CONTRACTOR TO PROVIDE GYP. BD. CONTROL JOINTS @ 30'-0" O.C. MAX.
- REFER TO 102 FOR GENERAL NOTES.
- ALL DOORS SHALL BE LOCATED 4" FROM ADJACENT WALLS UNLESS DIMENSIONED OTHERWISE ON ALL FLOOR PLANS AND ENLARGED PLAN SHEETS.
- ALL DIMENSIONS GIVEN ON FLOOR PLAN ARE NOMINAL.
- IN ADDITION TO THE FIRE EXTINGUISHER CABINETS LOCATED ON FLOOR PLANS, INSTALL SURFACE MOUNTED PORTABLE FIRE EXTINGUISHERS PER THE REQUIREMENTS OF NFPA 10 WITH A MOUNTING HEIGHT IN COMPLIANCE WITH THE ILLINOIS ACCESSIBILITY CODE.
- ALL DIMENSIONS GIVEN ON PLANS ARE GIVEN TO THE BEST OF THE ARCHITECT'S ABILITY GIVEN RECORD DRAWINGS AND SITE VISITS. VERIFY ALL DIMENSIONS IN FIELD PRIOR TO ANY WORK EVEN IF THESE DIMENSIONS HAVE NOT BEEN IDENTIFIED AS "VIF" ON DRAWINGS.
- NEW WALL FINISH TO BE PAINT (PT-01) UNLESS NOTED OTHERWISE.
- PAINT ENTIRE FACE OF NEW WALLS, AND WHERE NEW WALLS AND EXISTING WALLS ARE FLUSH.
- APPLY GYP. AS REQUIRED ONLY AT EXPOSED SURFACES.
- PROVIDE PLYWOOD BACKING AS REQUIRED FOR OWNER-INSTALLED UPPER AND LOWER CABINETS TO WITHSTAND 600 POUNDS PER WALL MOUNTED CABINET AND 250 POUNDS PER FLOOR MOUNTED CABINET.



WALL TYPE A

SCALE: 1" = 1'-0"

DETAIL	STUD SIZE	STUD SPACING	NOMINAL WALL THICKNESS	MAX HEIGHT	FIRE RATING	REMARKS
A	3 5/8"	16" O.C.	5"	B/O ACT	-	AS SHOWN
A1	3 5/8"	16" O.C.	5 1/2"	B/O STRUCTURE	-	EXTEND STUDS AND GYP. TO B/O STRUCTURE WALL TO RECEIVE SOUND ATTENUATION BATT. AND 1/2" PLYWOOD INSIDE OF ROOMS.
A2	3 5/8"	16" O.C.	6"	B/O STRUCTURE	-	SAME AS A1 APPLY PLYWOOD ON BOTH SIDES OF WALLS.



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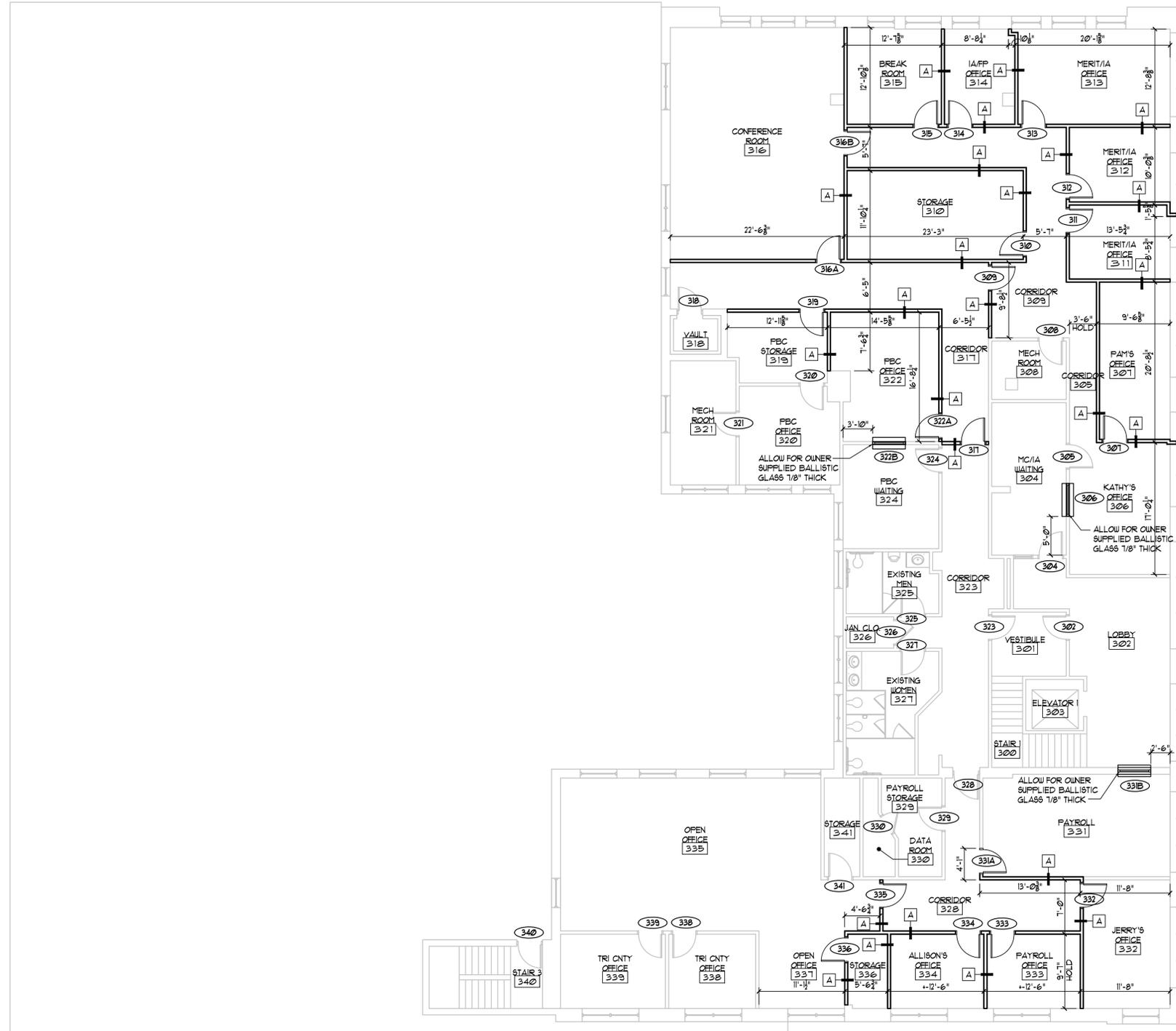
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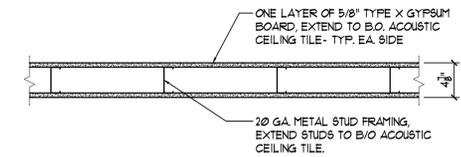
1 THIRD FLOOR - FLOOR PLAN
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DETAIL	STUD SIZE	STUD SPACING	NOMINAL WALL THICKNESS	MAX HEIGHT	FIRE RATING	REMARKS
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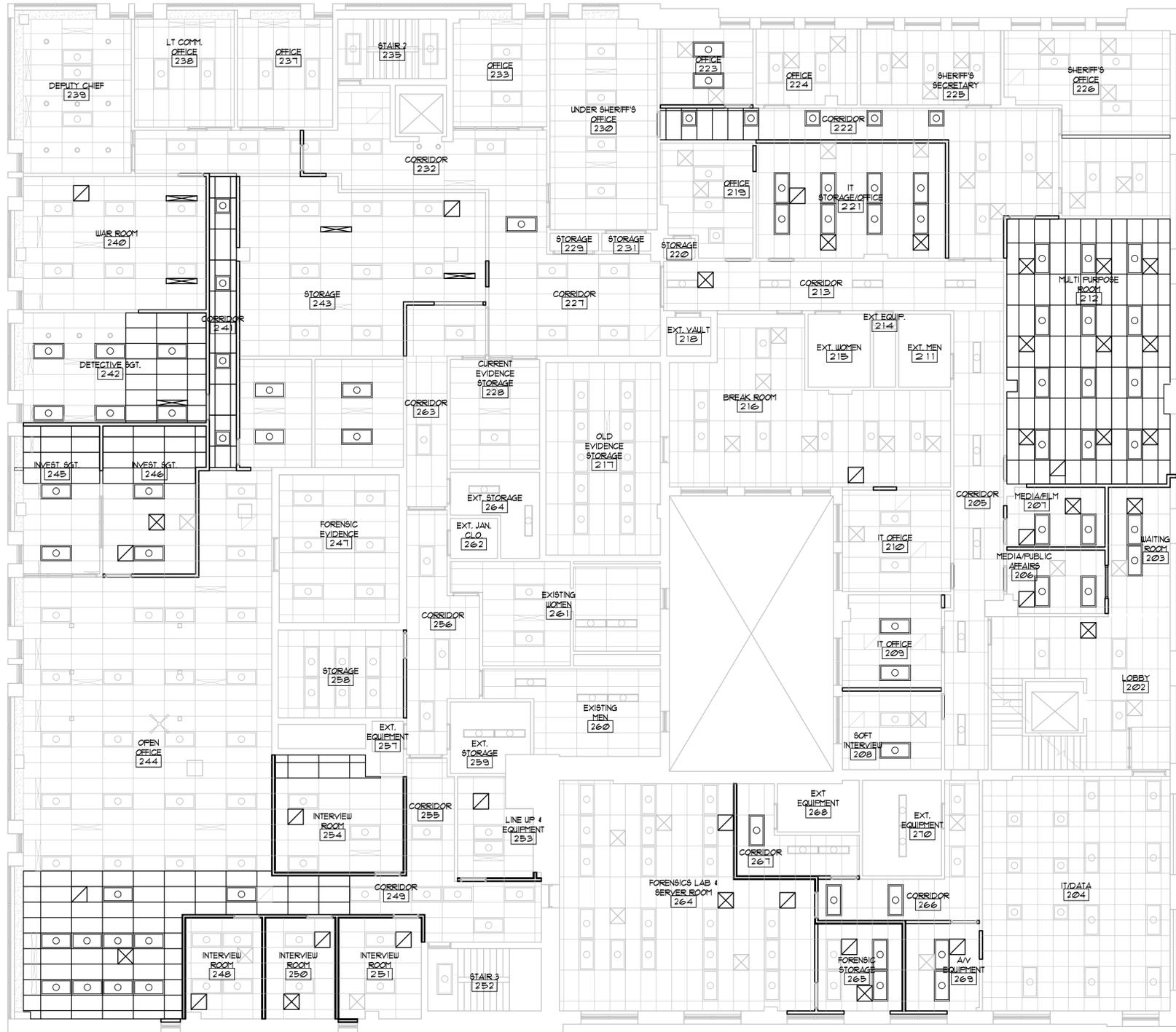
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SHEET:



1 SECOND FLOOR - REFLECTED CEILING PLAN
1/8" = 1'-0"

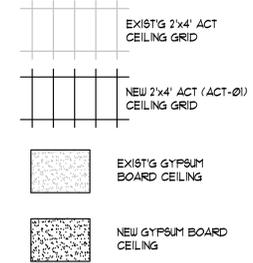
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REFLECTED CEILING PLAN NOTES

1. NEW WORK IS IDENTIFIED BY KEYNOTES AND DARK LINES. REFER TO ENTIRE SET OF DOCUMENTS FOR COMPLETE EXTENT OF NEW WORK.
2. ALL CEILING ELEVATIONS ARE TO MATCH ADJACENT EXISTING HEIGHTS UNLESS OTHERWISE NOTED.
3. SPRINKLER HEADS TO BE CENTERED IN CEILING TILE UNLESS OTHERWISE NOTED.
4. REFER TO ELECTRICAL, MECHANICAL, AND FIRE PROTECTION DRAWINGS FOR LOCATIONS OF LIGHT FIXTURES, HVAC SUPPLIES, HVAC RETURNS, AND SPRINKLER HEADS. THESE ITEMS DRAIN ON THE REFLECTED CEILING PLANS ARE FOR REFERENCE ONLY.

REFLECTED CEILING PLAN LEGEND





1 THIRD FLOOR - REFLECTED CEILING PLAN
 1/8" = 1'-0"

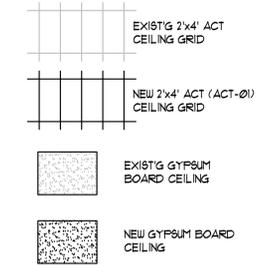
GENERAL NOTES

1. IN AREAS WHERE EXISTING WALLS, PARTITIONS, ETC., ARE TO BE REMOVED, IT SHALL BE NECESSARY TO REPAIR EXISTING CEILING, ADJUST, RELOCATE, OR REQUIRE LIGHTING FIXTURES AND ELECTRICAL AS MAY BE REQUIRED OR DIRECTED.
2. ALL WORK SUCH AS CUTTING, PATCHING, REPAIR WORK, ETC., MUST BE PERFORMED BY TRADES SPECIALIZED IN THAT WORK, UNLESS SPECIFICALLY OTHERWISE NOTED.
3. WASH AND CLEAN ALL EXISTING INTERIOR HVAC GRILLES AND DIFFUSERS WHICH ARE TO REMAIN (CEILING AND WALL MOUNTED, AND FREESTANDING • EXPOSED CONSTRUCTION).
4. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE RESTORATION OF EXISTING WALLS AND CONSTRUCTION AS NECESSARY TO RECEIVE NEW FINISHES.
5. EXISTING WALLS, FLOORS, AND CEILINGS WHICH ARE DAMAGED AND ARE TO REMAIN SHALL BE PATCHED AND REBUILT AS REQUIRED TO MATCH SURROUNDING CONSTRUCTION, AT NO ADDITIONAL COST TO THE OWNER.
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8. ALL NEW WALLS AND ADJACENT EXISTING WALLS ARE TO RECEIVE PAINT PT-1. SEE ROOM FINISH PLAN FOR LOCATIONS. REFER TO SPECIFICATION SECTION 090103.

REFLECTED CEILING PLAN NOTES

1. NEW WORK IS IDENTIFIED BY KEYNOTES AND DARK LINES. REFER TO ENTIRE SET OF DOCUMENTS FOR COMPLETE EXTENT OF NEW WORK.
2. ALL CEILING ELEVATIONS ARE TO MATCH ADJACENT EXISTING HEIGHTS UNLESS OTHERWISE NOTED.
3. SPRINKLER HEADS TO BE CENTERED IN CEILING TILE UNLESS OTHERWISE NOTED.
4. REFER TO ELECTRICAL, MECHANICAL, AND FIRE PROTECTION DRAWINGS FOR LOCATIONS OF LIGHT FIXTURES, HVAC SUPPLIES, HVAC RETURNS, AND SPRINKLER HEADS. THESE ITEMS DRAIN ON THE REFLECTED CEILING PLANS ARE FOR REFERENCE ONLY.

REFLECTED CEILING PLAN LEGEND



JOB NUMBER:
 14372

DATE:
 02.03.2015

BID SET

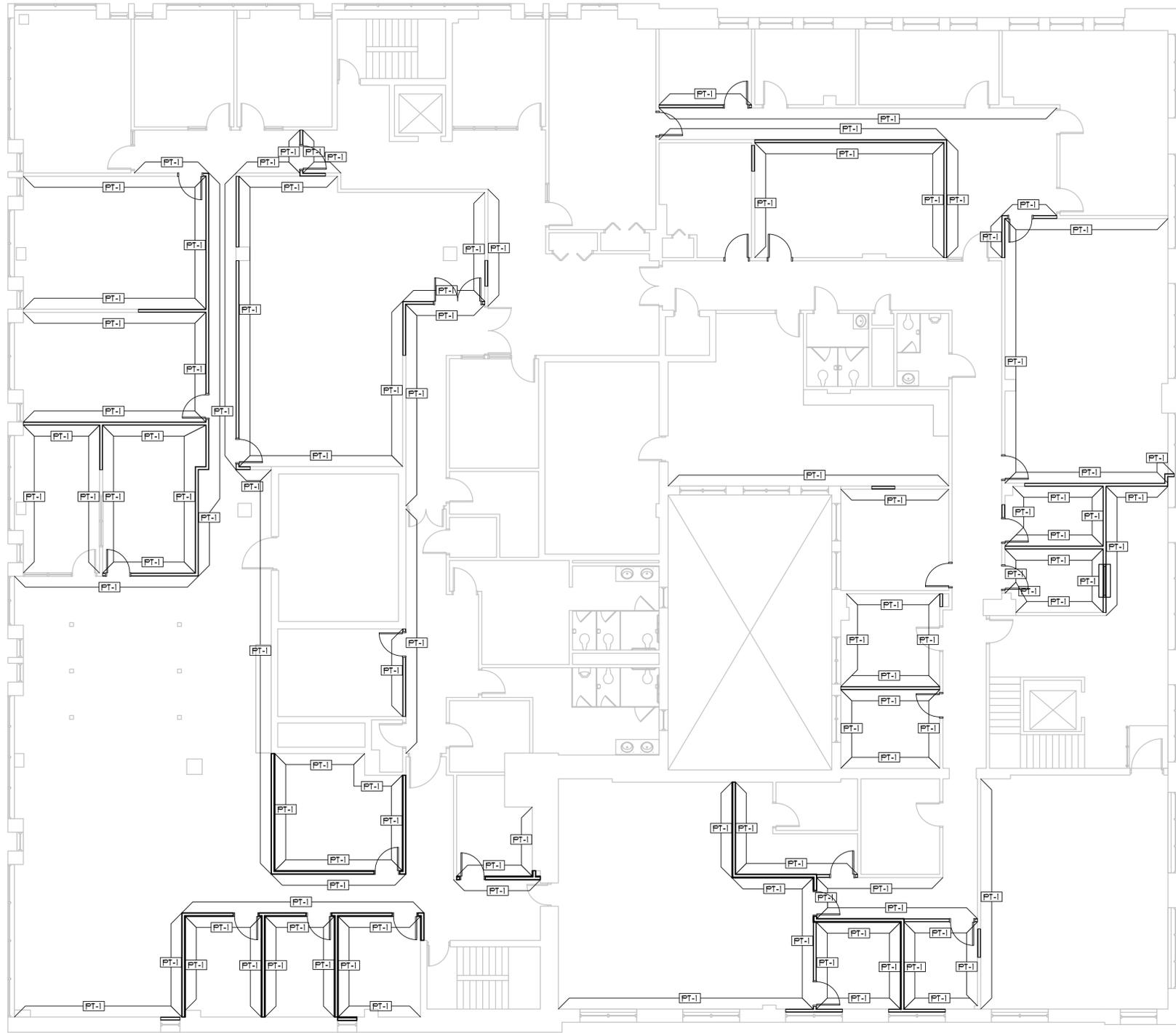
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SHEET:

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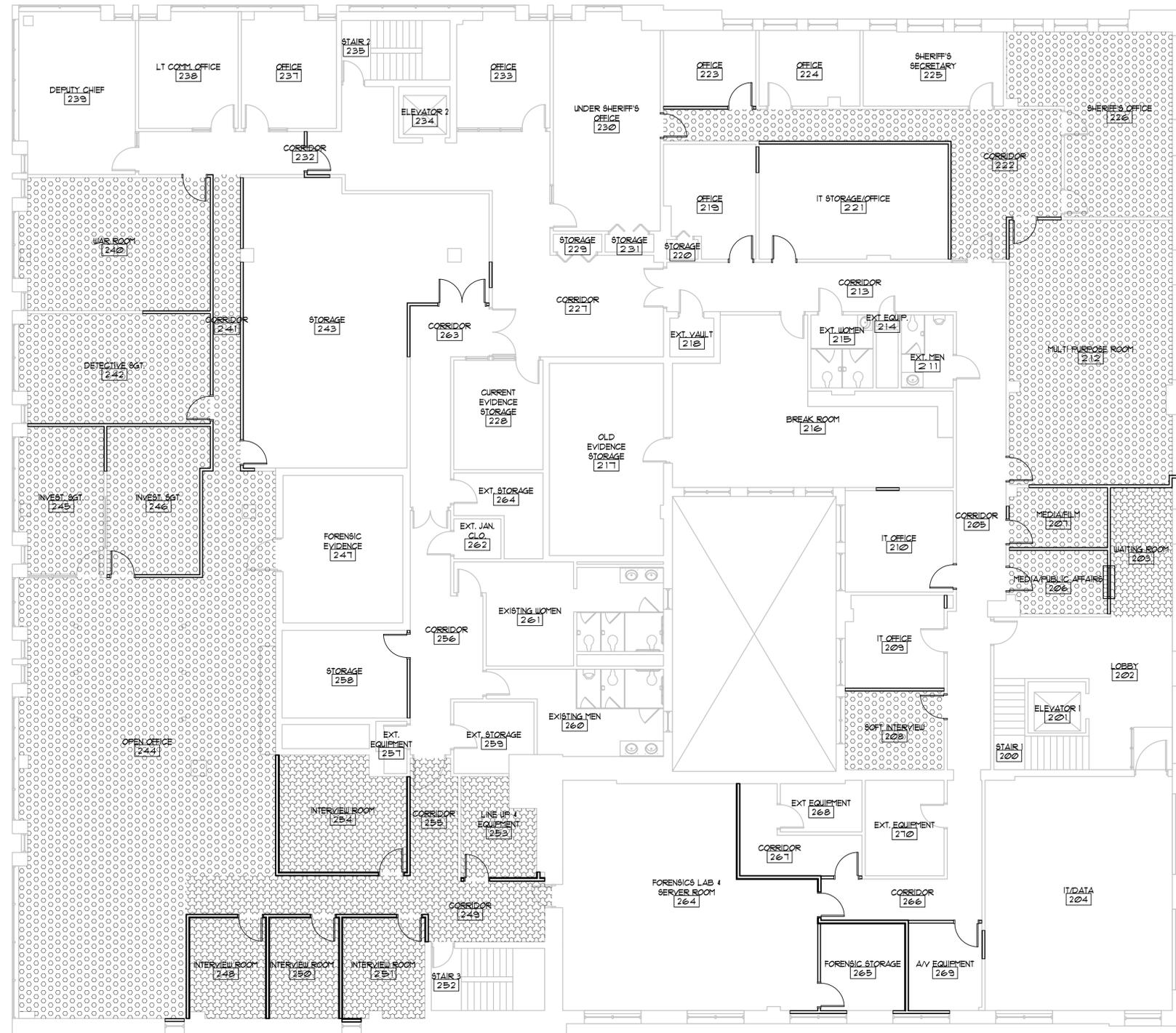
1 SECOND FLOOR ROOM FINISH PLAN
1/8" = 1'-0"



GENERAL NOTES

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FLOOR FINISH LEGEND			
SYMBOL	MATERIAL	SYMBOL	MATERIAL
	CPT-1: BROADLOOM CARPET		VCT-1: VINYL COMPOSITE TILE
EXT: EXISTING TO REMAIN			



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

15TH MIDWEST BANK SHERIFF RENOVATION
WILL COUNTY
50 W JEFFERSON ST
JOLIET, IL 60432



SECOND FLOOR FLOOR FINISH
PLAN
PLAN

JOB NUMBER:
14372
DATE:
02.03.2015
BID SET
REVISIONS:
SHEET:

A7.1



1 THIRD FLOOR FLOOR FINISH PLAN
 1/8" = 1'-0"

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FLOOR FINISH LEGEND			
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	CPT-1: BROADLOOM CARPET		VCT-1: VINYL COMPOSITE TILE
	EXT: EXISTING TO REMAIN		

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 WILL COUNTY
 50 W JEFFERSON ST
 JOLETT, IL 60432

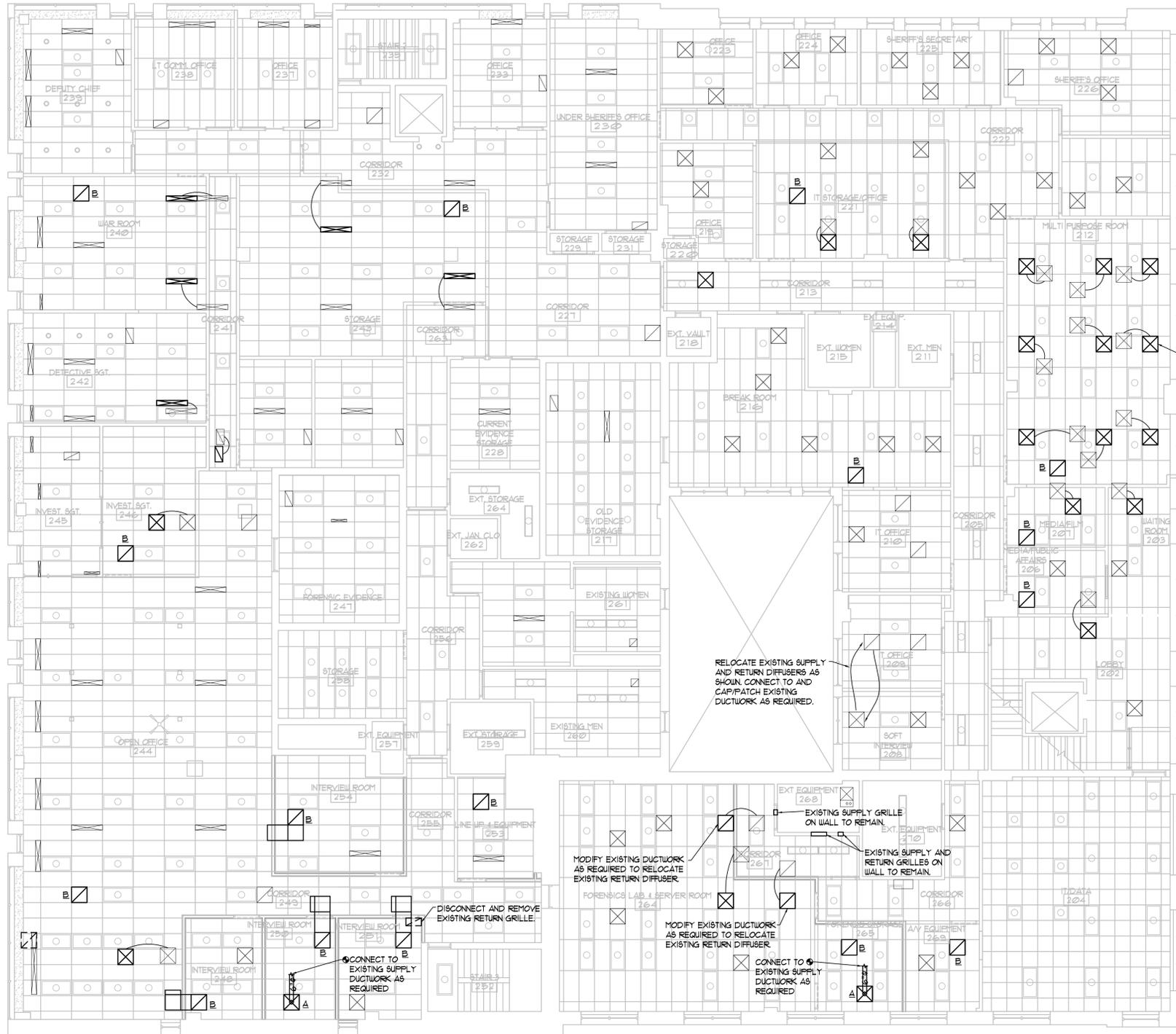


THIRD FLOOR FLOOR FINISH PLAN

JOB NUMBER: 14372
 DATE: 02.03.2015
 BID SET

REVISIONS:

SHEET:



MECHANICAL GENERAL NOTES

1. EXACT QUANTITIES AND LOCATIONS OF EXISTING DIFFUSERS ARE UNKNOWN. IT MAY BE NECESSARY TO RELOCATE DIFFUSERS OTHER THAN THOSE INDICATED ON THE PLAN IN ORDER TO ACCOMMODATE NEW LIGHTS AND NEW WALLS. THIS WORK IS TO BE PERFORMED AT NO ADDITIONAL CHARGE TO THE OWNER.
2. IT IS INTENDED THAT ALL OFFICES AND CONFERENCE ROOMS CREATED BY THE CONSTRUCTION OF NEW WALLS HAVE AT LEAST ONE SUPPLY DIFFUSER AND ONE RETURN DIFFUSER. IF AN OFFICE OR CONFERENCE ROOM DOES NOT HAVE AT LEAST ONE SUPPLY DIFFUSER AND ONE RETURN DIFFUSER, PROVIDE AND INSTALL ONE TYPE "A" AND ONE TYPE "B" DIFFUSER IN THAT SPACE.
3. UNLESS OTHERWISE NOTED ON THE ARCHITECTURAL DRAWINGS, CUT, PATCH, AND MATCH EXISTING CONSTRUCTION AS REQUIRED TO REMOVE EXISTING WORK AND INSTALL NEW WORK.

METAL DUCT

1. ALL DUCTWORK SHALL BE CONSTRUCTED AND INSTALLED IN STRICT ACCORDANCE WITH ASHRAE, SMACNA, AND NFPA STANDARDS AND SHALL COMPLY WITH NFPA 90A BULLETIN, FEDERAL, STATE AND LOCAL CODES. GALVANIZED SHEET ASTM A 653/A 653M AND HAVING G90 COATING DESIGNATION. FABRICATE DUCTS, ELBOWS, TRANSITIONS, OFFSETS, BRANCH CONNECTIONS, AND OTHER CONSTRUCTION ACCORDING TO SMACNA'S "HVAC DUCT CONSTRUCTION STANDARDS".
2. DUCTLINER SHALL MEET THE REQUIREMENTS OF NFPA 90A AND HAVE A MAXIMUM FLAME-SPREAD INDEX OF 25 AND SMOKE-DEVELOPED INDEX OF 50 WHEN TESTED ACCORDING TO ASTM E84.

SYMBOLS

- EXISTING DIFFUSER TO REMAIN
- EXISTING DIFFUSER RELOCATED TO NEW LOCATION
- EXISTING DIFFUSER TO BE DISCONNECTED AND REMOVED
- NEW TITUS TMS SUPPLY DIFFUSER WITH 6" NECK AND WHITE BAKED ENAMEL FINISH. PROVIDE VOLUME DAMPER AT BRANCH TAKEOFF.
- NEW TITUS PAR RETURN DIFFUSER WITH 6" NECK AND WHITE BAKED ENAMEL FINISH. PROVIDE LIGHT SHIELD FOR DIFFUSERS NOT CONNECTED TO DUCTWORK.
- TRANSFER BOOT CONSTRUCTED OF 24X12 DUCT WITH 1" DUCT LINER. CONNECT TO NEW TITUS PAR RETURN DIFFUSER WITH 16" NECK.

REINSTALL EXISTING SUPPLY DIFFUSERS IN NEW CEILING GRID AS REQUIRED. (TYP. MULTIPURPOSE ROOM)

RELOCATE EXISTING SUPPLY AND RETURN DIFFUSERS AS SHOWN. CONNECT TO AND CAP/PATCH EXISTING DUCTWORK AS REQUIRED.

MODIFY EXISTING DUCTWORK AS REQUIRED TO RELOCATE EXISTING RETURN DIFFUSER

MODIFY EXISTING DUCTWORK AS REQUIRED TO RELOCATE EXISTING RETURN DIFFUSER

CONNECT TO EXISTING SUPPLY DUCTWORK AS REQUIRED

EXISTING SUPPLY GRILLE ON WALL TO REMAIN

EXISTING SUPPLY AND RETURN GRILLES ON WALL TO REMAIN

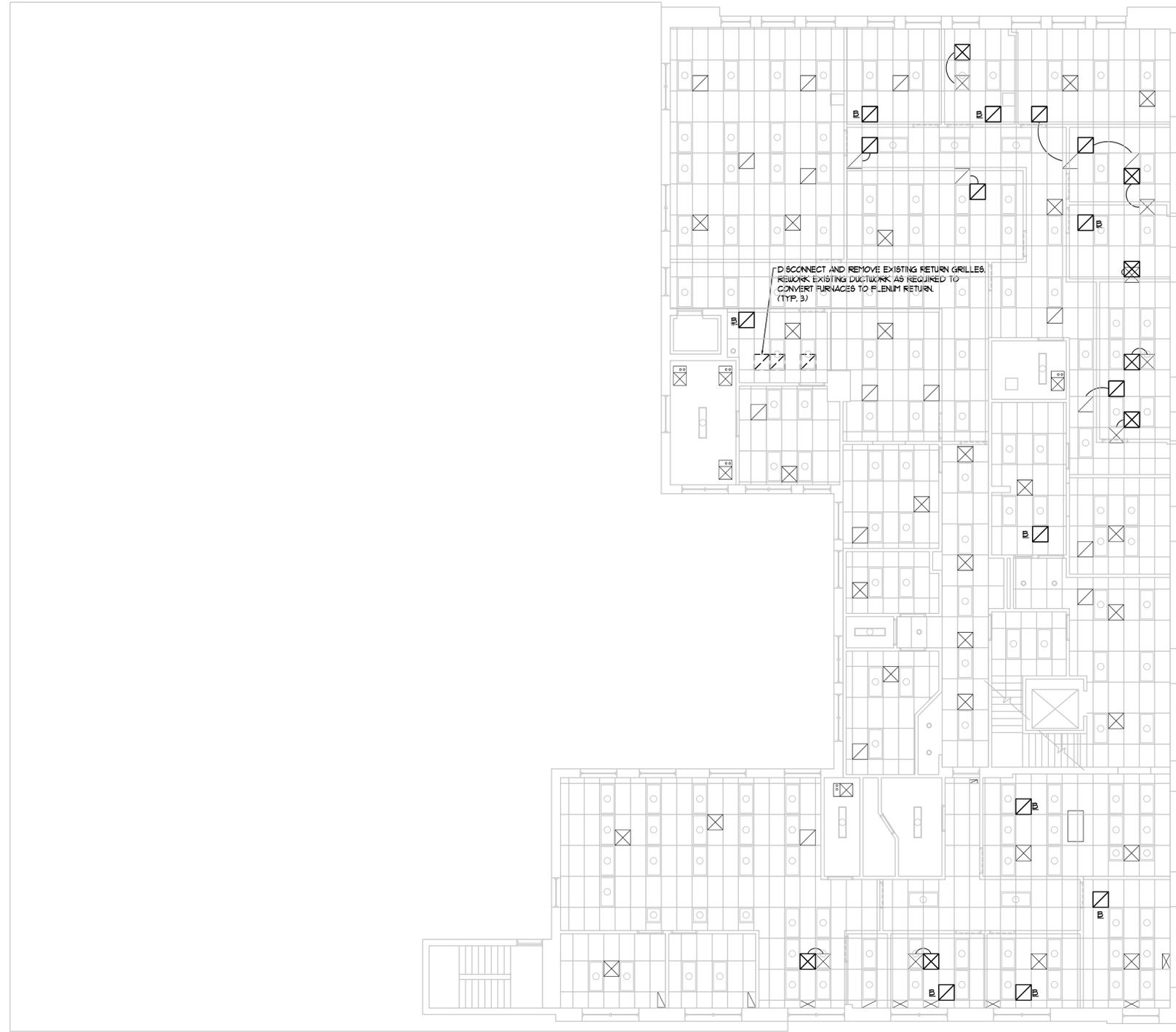
DISCONNECT AND REMOVE EXISTING RETURN GRILLE

CONNECT TO EXISTING SUPPLY DUCTWORK AS REQUIRED

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



1 THIRD FLOOR MECHANICAL PLAN
 1/8" = 1'-0"



MECHANICAL GENERAL NOTES

1. EXACT QUANTITIES AND LOCATIONS OF EXISTING DIFFUSERS ARE UNKNOWN. IT MAY BE NECESSARY TO RELOCATE DIFFUSERS OTHER THAN THOSE INDICATED ON THE PLAN IN ORDER TO ACCOMMODATE NEW WALLS AND NEW WALLS. THIS WORK IS TO BE PERFORMED AT NO ADDITIONAL CHARGE TO THE OWNER.
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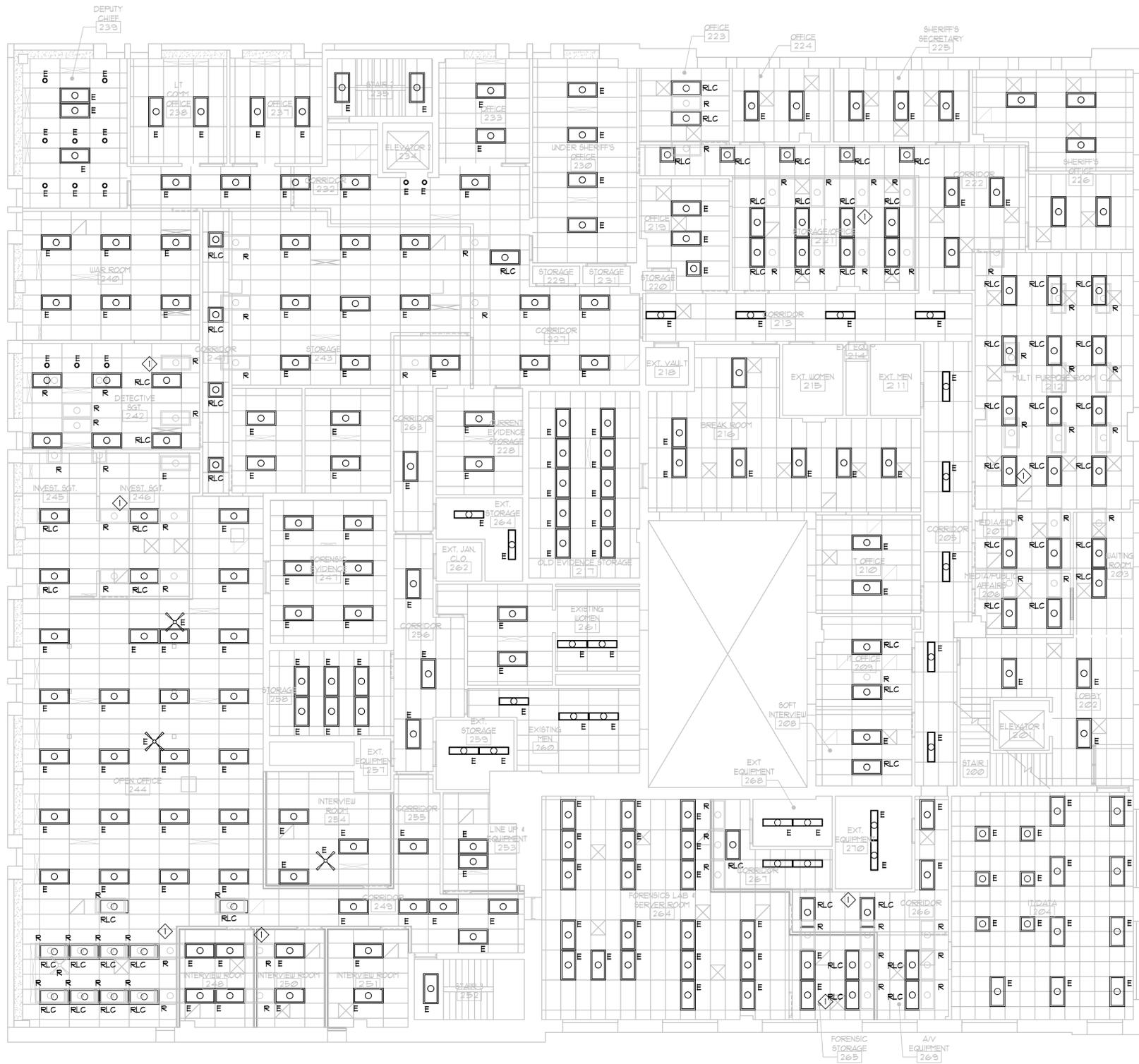
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SYMBOLS

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- EXISTING DIFFUSER RELOCATED TO NEW LOCATION
- EXISTING DIFFUSER TO BE DISCONNECTED AND REMOVED
- NEW TITUS TMS SUPPLY DIFFUSER WITH 6" NECK AND WHITE BAKED ENAMEL FINISH. PROVIDE VOLUME DAMPER AT BRANCH TAKEOFF.
- NEW TITUS PAR RETURN DIFFUSER WITH 16" NECK AND WHITE BAKED ENAMEL FINISH. PROVIDE LIGHT SHIELD FOR DIFFUSERS NOT CONNECTED TO DUCTWORK.
- TRANSFER BOOT CONSTRUCTED OF 24X12 DUCT WITH 1" DUCT LINER. CONNECT TO NEW TITUS PAR RETURN DIFFUSER WITH 16" NECK.





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

GENERAL LIGHTING NOTES

1. REFER TO ARCHITECTURAL, MECHANICAL, PLUMBING, & FIRE PROTECTION PLANS FOR ADDITIONAL INFORMATION ON EXACT POWER, WIRING, & ROUGH-IN REQUIREMENTS AND LOCATIONS OF DEVICES.
2. MINIMUM NEW CIRCUIT WIRING SHALL CONSIST OF 2#12, 1/2" C. WHERE HOME RUNS EXCEED 15' OR CONTINUOUS LOAD EXCEEDS 65% OF CIRCUIT RATING, MINIMUM CIRCUIT SIZE SHALL CONSIST OF 2#10, 1/2" C. ALL NEW CIRCUITS SHALL INCLUDE A CONTINUOUS EQUIPMENT GROUNDING CONDUCTOR.
3. CIRCUITS BEING CONTROLLED BY DIMMING EQUIPMENT SHALL ROUTED WITH SEPARATE DEDICATED NEUTRALS.
4. CONTRACTOR SHALL VERIFY EXACT LOCATIONS OF ALL RECESSED LIGHTING FIXTURES WITH ARCHITECTURAL REFLECTED CEILING PLANS PRIOR TO INSTALLATION. VERIFY CEILING CONSTRUCTION WITH ARCHITECT IN ALL AREAS. CONTRACTOR SHALL BE RESPONSIBLE FOR ORDERING FIXTURES WITH CORRECT TRIMS, ETC. TO ASSURE COMPATIBILITY WITH CEILING STRUCTURE.
5. WHERE MORE THAN ONE SWITCH IS INDICATED AT A LOCATION, CONTRACTOR SHALL INSTALL CO-LOCATED LIGHT SWITCHES IN A COMMON FACEPLATE. USE MULTI-GANG BACKBOXES. VERIFY MOUNTING HEIGHT WITH ADA REQUIREMENTS. PROVIDE STEEL BARRIERS BETWEEN SWITCHES FOR EACH CIRCUIT WHERE MANDATED BY CODE.
6. COORDINATE INSTALLATION OF LIGHTING FIXTURES IN MECHANICAL AREAS, EQUIPMENT ROOMS, ETC. ADJUST FIXTURE HEIGHTS AND LOCATIONS AS NECESSARY TO OFFSET CONFLICTS.
7. SERVE EMERGENCY EGRESS LIGHTING FROM SOURCES WITH EMERGENCY BACK-UP POWER. PROVIDE LOCK-ON DEVICE FOR ALL 24-HOUR EGRESS, EMERGENCY EGRESS, AND EXIT SIGN CIRCUITS.
8. 24-HOUR EGRESS AND EXIT SIGN CIRCUITS SHALL BE ROUTED SEPARATELY AND BE INDEPENDENT OF ALL OTHER CIRCUITS INCLUDING NEUTRALS. PROVIDE A SEPARATE NEUTRAL FOR EACH EXIT SIGN CIRCUIT. ALL WIRING FOR EXIT SIGNS SHALL BE #10-AWG.
12. WHERE INBOARD/OUTBOARD SWITCHING IS INDICATED, CONNECT TWO OUTER LAMPS ON ONE SWITCH AND CONNECT INNER LAMP(S) ON ANOTHER SWITCH CONSISTENTLY THROUGHOUT THE SPACE.

KEYNOTES

◊ "R" = SALVAGE EXISTING TROFFER FIXTURES AND "RLC" = REINSTALL TO NEW LOCATION INDICATED. TYPICAL MAKE UP QUANTITIES REQUIRED FROM OTHER REMODEL AREAS. ALL EXISTING CONTROLS TO REMAIN UNALTERED. REPLACE INOPERATIVE LAMPS & REPOSITION 24-HOUR FIXTURES TO BE IN PATHS OF EGRESS AS APPLICABLE.

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WILL COUNTY
50 W JEFFERSON ST
JOLIET, IL 60432



SECOND FLOOR LIGHTING PLAN

JOB NUMBER:
14372

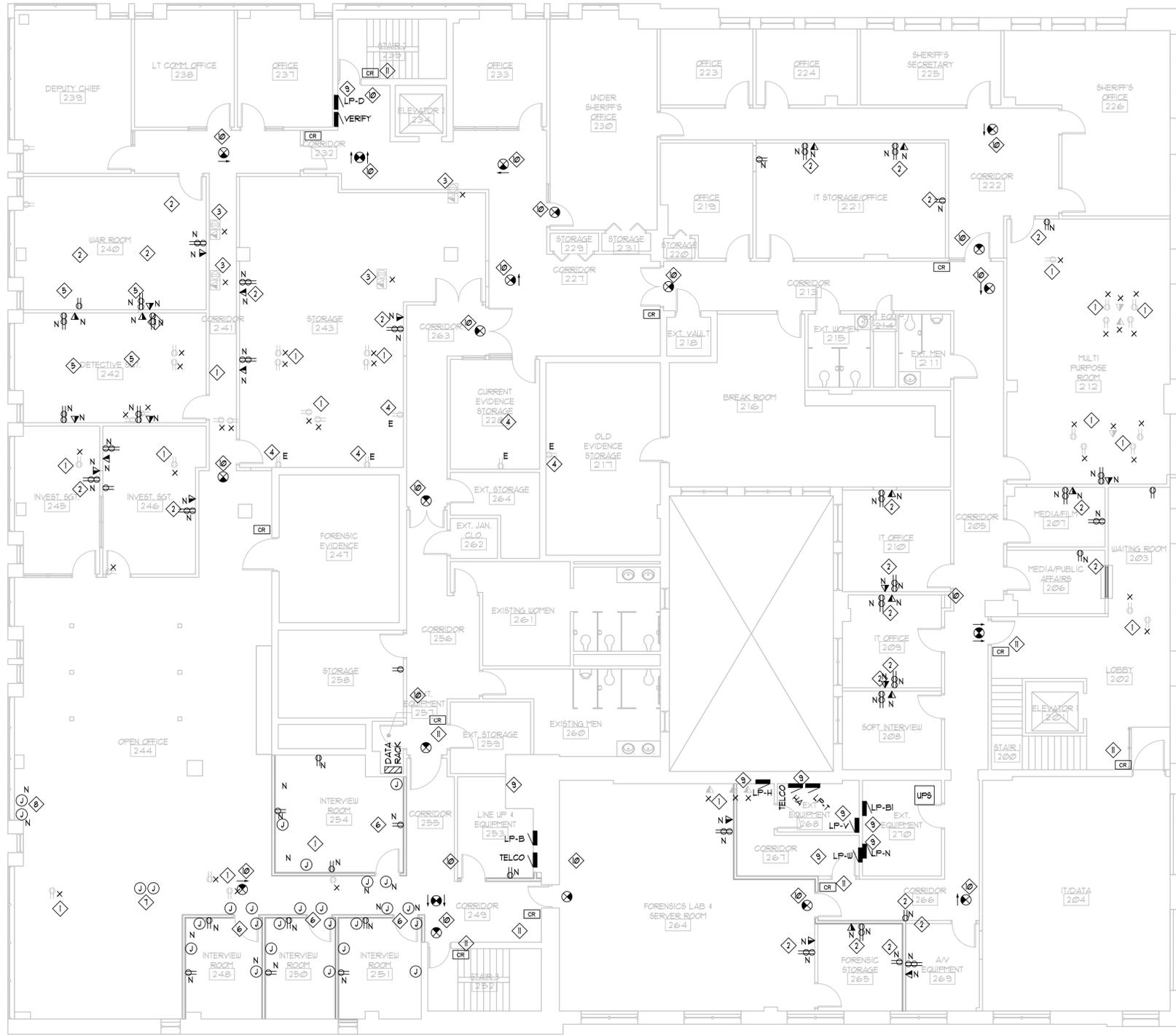
DATE:
02.03.2015

BID SET

REVISIONS:

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SHEET:
E1.2



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

E.C. TO PREP FIRST FLOOR EXTERIOR DOOR FOR CARD READER AND PROVIDE PATHWAY TO SECOND FLOOR, FOR WIRING BY OWNER'S VENDOR.

E.C. TO PROVIDE UNIT PRICES:

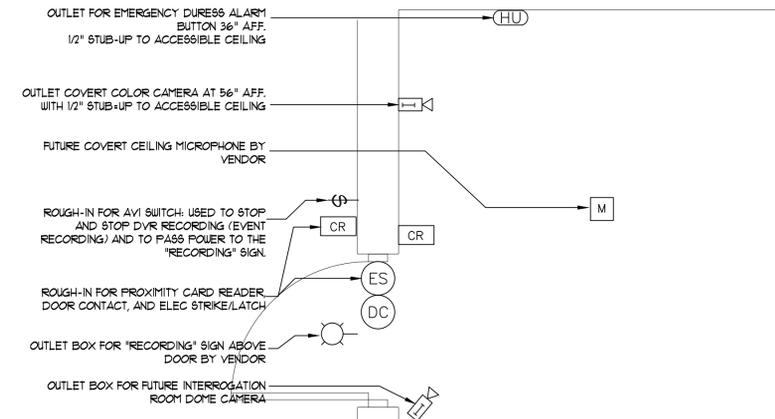
1. RELOCATE EXISTING LIGHT SWITCH WITHIN 50' OF EXISTING LOCATION.
 2. PROVIDE NEW LIGHT SWITCH WITHIN NEW OFFICE.
 3. PROVIDE NEW DUPLEX RECEPTACLE ON AN EXISTING CIRCUIT WITHIN 12 FEET OF AN EXISTING OUTLET.
- SEE DIVISION 26 FOR DISCRETIONARY WORK REQUIREMENTS.

GENERAL LIGHTING NOTES

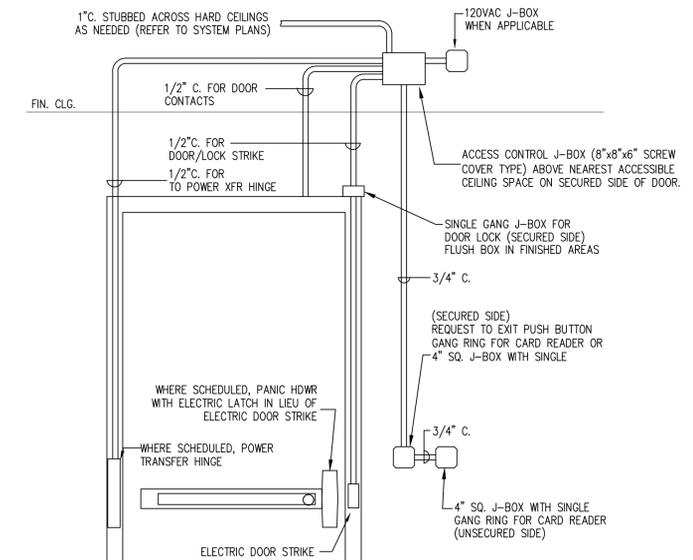
1. REFER TO ARCHITECTURAL, MECHANICAL, PLUMBING, & FIRE PROTECTION PLANS FOR ADDITIONAL INFORMATION ON EXACT POWER WIRING, & ROUGH-IN REQUIREMENTS AND LOCATIONS OF DEVICES.
2. MINIMUM NEW CIRCUIT WIRING SHALL CONSIST OF 2#12, 12/2, WHERE HOME RUNS EXCEED 75' OR CONTINUOUS LOAD EXCEEDS 65% OF CIRCUIT RATING, MINIMUM CIRCUIT SIZE SHALL CONSIST OF 2#10, 12/2. ALL NEW CIRCUITS SHALL INCLUDE A CONTINUOUS EQUIPMENT GROUNDING CONDUCTOR.
3. CIRCUITS BEING CONTROLLED BY DIMMING EQUIPMENT SHALL ROUTED WITH SEPARATE DEDICATED NEUTRALS.
4. ALL LOW VOLTAGE WORK, INCLUDING FIRE ALARM, TO BE DESIGNED, FURNISHED, AND INSTALLED UNDER SEPARATE CONTRACT TO OWNER.

KEYNOTES

- ◇ "X" = DEMO OUTLETS IN EXISTING WALLS TO BE REMOVED AND SECURE LINE VOLTAGE WIRING. COIL LOW VOLTAGE WIRING IN CEILING FOR DISPOSITION BY OWNER'S VENDOR.
- ◇ NEW OUTLETS IN NEW WALLS. PROVIDE ONE 20-AMP 120-V CIRCUIT PER PRIVATE OFFICE BY EXTENDING AN EXISTING CIRCUIT IN THE SAME ROOM, EXTENDING AN EXISTING CIRCUIT MADE SPARE BY DEMO, OR A NEW CIRCUIT FROM THE NEAREST CONVENIENT PANEL.
- ◇ DEMO FLOOR FEEDS AS IN #1 ABOVE. SALVAGE POWER POLES FOR REUSE AS APPLICABLE. CAP ABANDONED FLOOR OUTLETS.
- ◇ "E" = EXISTING OUTLET TO REMAIN, BUT CIRCUITS TO BE SECURED AND REDIRECTED MAY NEED TO BE ACCESSED AT THIS LOCATION.
- ◇ IN SHARED SPACES, PROVIDE ONE CIRCUIT PER TWO WORKSTATIONS AS IN #2 ABOVE.
- ◇ ROUGH-IN INTERVIEW ROOM PER DETAIL 1 THIS SHEET. VERIFY FINAL REQUIREMENTS WITH TENANT.
- ◇ FEED OFFICE PARTITION ASSEMBLY VIA SALVAGED POWER POLE. PROVIDE ONE 20-AMP CIRCUIT PER TWO WORKSTATIONS. PROVIDE EMPTY PATHWAY FOR DATA CABLE BY OWNER'S VENDOR.
- ◇ FEED OFFICE PARTITION ASSEMBLY VIA FURNITURE WALL CONNECTION. PROVIDE ONE 20-AMP CIRCUIT PER TWO WORKSTATIONS. PROVIDE MINIMUM TWO 1" EMPTY PATHWAY TO ACCESSIBLE CEILING FOR DATA CABLE BY OWNER'S VENDOR.
- ◇ ADAPT EXISTING POWER PANELS (SOME CIRCUITS SERVE THIRD FLOOR) TO ACCOMMODATE NEW OCCUPANCY. IDENTIFY CIRCUIT REPURPOSED DUE TO RENOVATION.
- ◇ ADD NEW OR REPLACE INOP EXIT SIGNS FOR COMPLIANT MARKING OF THE EGRESS PATHWAY. REPLACE EXIT SIGNS THAT DO NOT MEET CURRENT LOCAL CODE REQTS. TYP.
- ◇ E.C. TO PREP DOOR FOR CARD READER WIRING BY OTHERS PER DETAIL 3 THIS SHEET: PROVIDE COMPLIANT HOOK-UP TO POWER SUPPLIES AS NECESSARY. TYPICAL.



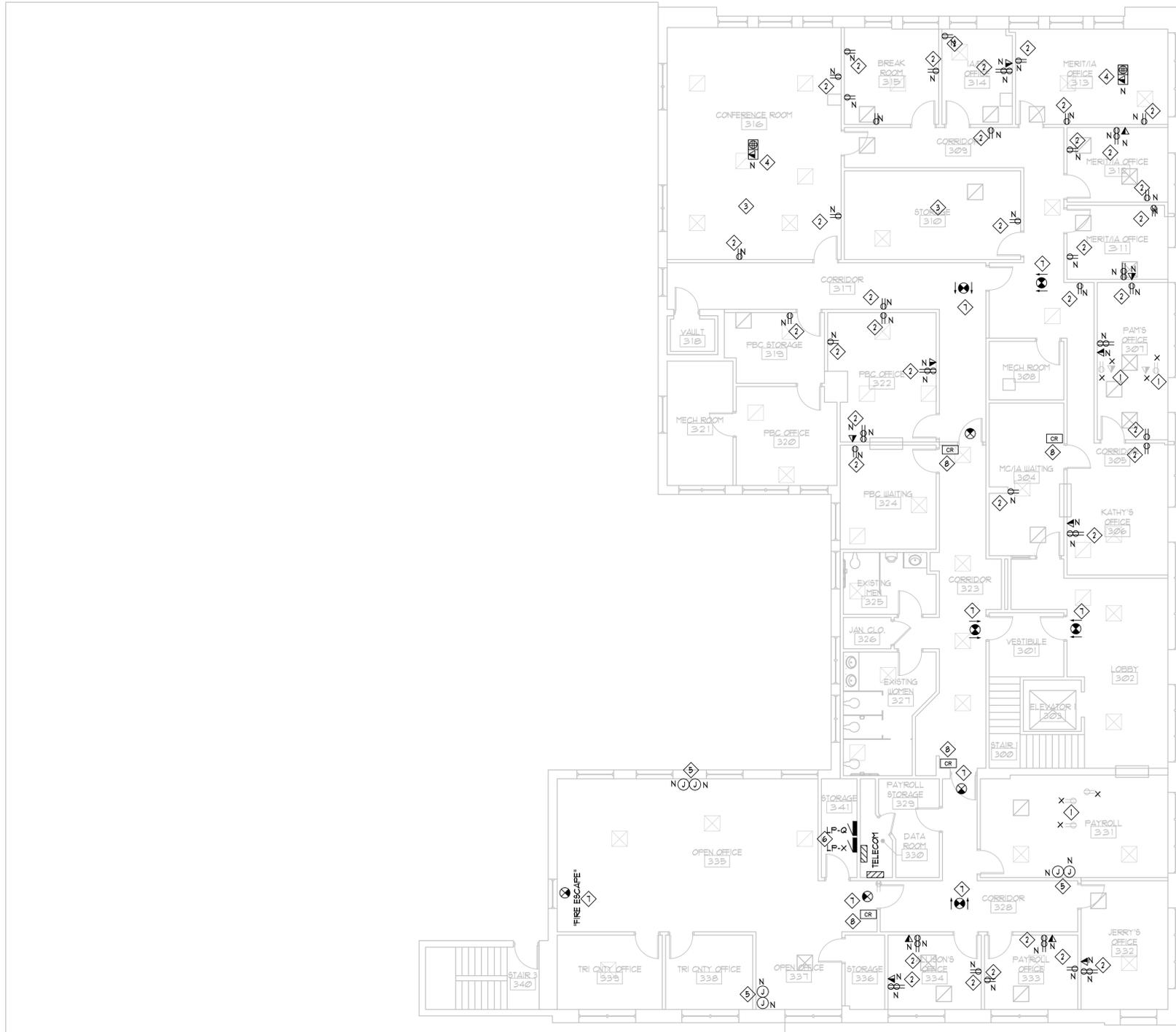
2 TYPICAL INTERVIEW ROOM ROUGH-IN
SCALE: NONE



3 TYPICAL DOOR PREP REQUIREMENTS
SCALE: NONE



1 THIRD FLOOR POWER PLAN
1/8" = 1'-0"



GENERAL LIGHTING NOTES

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KEYNOTES

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- 3 SALVAGE THIRD FLOOR POWER POLES FOR USE ELSEWHERE.
- 4 NEW SURFACE PEDESTALS FOR POWER AND DATA TO SERVE FURNITURE SUCH AS CONFERENCE TABLE OR DESK.
- 5 FEED OFFICE PARTITION ASSEMBLY VIA FURNITURE WALL CONNECTION. PROVIDE ONE 20-AMP CIRCUIT PER TWO WORKSTATIONS. PROVIDE MINIMUM TWO 1" EMPTY PATHWAY TO ACCESSIBLE CEILING FOR DATA CABLE BY OWNER'S VENDOR.
- 6 ADAPT EXISTING POWER PANELS (SOME CIRCUITS SERVE THIRD FLOOR) TO ACCOMMODATE NEW OCCUPANCY. IDENTIFY CIRCUITS RE-PURPOSED DUE TO RENOVATION.
- 7 ADD NEW OR REPLACE INOP EXIT SIGNS FOR COMPLIANT MARKING OF THE EGRESS PATHWAY. REPLACE EXIT SIGNS THAT DO NOT MEET CURRENT LOCAL CODE REQUIS. TYP.
- 8 E.C. TO PREP DOOR FOR CARD READER WIRING BY OTHERS PER DETAIL 3E2.2; PROVIDE COMPLIANT HOOK-UP TO POWER SUPPLIES AS NECESSARY. TYPICAL.

ELECTRICAL SYMBOLS LIST

	SINGLE POLE SWITCH UNLESS NOTED OTHERWISE (OS = OCC SENSOR) T = TIMER D = DIMMER (UNO) SEE LIGHTING CONTROL DEVICE MATRIX AS APPLICABLE
	DUPLEX CONVENIENCE OUTLET TR = TAMPERPROOF IN SLEEPING ROOMS. LINE INDICATES AT COUNTER HEIGHT
	DOUBLE DUPLEX RECEPT AS ABOVE. LINE INDICATES AT COUNTER HEIGHT
	MINIMUM 3/4" EMPTY STUB-UP FROM DEEP ONE-GANG OUTLET BOX TO ACCESSIBLE CEILING FOR FUTURE TELECOM WORK
	SURFACE TOMSTONE DOUBLE DUPLEX RECEPTACLE AND EMPTY TELECOM BOX WITH MINIMUM 1" TO CEILING SPACE.
	JUNCTION BOX
	LIGHTING OR POWER PANEL
	RECESSED TROFFER
	RECESSED DOWNLIGHT
	WALL MOUNT FIXTURE OR SCENCE
	COMPLIANT EXIT SIGNAGE PER LOCAL CODE
	SURFACE MOUNTED EMERGENCY UNIT LIGHTING EQUIPMENT IF REQUIRED
AFF	ABOVE FINISHED FLOOR
CB	CIRCUIT BREAKER
CCT	CIRCUIT
DISC	DISCONNECT
DN	DOWN
DPDT	DOUBLE POLE DOUBLE THROW
E	EXISTING
EUC	ELECTRIC WATER COOLER
FA	FIRE ALARM
GFRD	GROUND FAULT INTERRUPTER
GFI	GROUND FAULT INTERRUPTER
HID	HIGH INTENSITY DISCHARGE
HQA	HAND-OFF-AUTOMATIC
HP	HORSEPOWER
JB	JUNCTION BOX
KV	KILOVOLT
KW	KILOWATT
LTG	LIGHTING
MCB	MAIN CIRCUIT BREAKER
MLO	MAIN LUG ONLY
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
PNL	PANEL
RCP	REFLECTED CEILING PLAN
SPDT	SINGLE POLE DOUBLE THROW SWITCH
SW	SWITCH
TP	TAMPER PROOF
UH	UNIT HEATER
UNO	UNLESS NOTED OTHERWISE
XP	EXPLOSION PROOF
X	PROJECT SPECIFIC ABBREVIATIONS: DEMO EXISTING DEVICE, CAP OPENING, SECURE WIRE
R	EXISTING DEVICE SALVAGED AND REINSTALLED
N	NEW DEVICE
RFL	REPLACE EXISTING WITH LIKE KIND OR AS SPECIFIED.
RLC	RELOCATE EXISTING OUTLET TO NEW WALL
REM	EXISTING TO REMAIN

1ST MIDWEST BANK SHERIFF RENOVATION
WILL COUNTY
50 W JEFFERSON ST
JOLIET, IL 60432



THIRD FLOOR POWER PLAN

JOB NUMBER:
14372

DATE:
02.03.2015

BID SET

REVISIONS:

-
-
-
-
-

SHEET:
E2.3

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