

PROJECT DESIGN TEAM

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FACILITIES SERVICES
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PROJECT DESCRIPTION

SCOPE OF WORK

- SUMMARY: REMODEL OF EXISTING OFFICES. NO CHANGE IN USE OR OCCUPANCY.
- FRAMING: NEW INTERIOR PARTITION WALLS, NEW ACOUSTIC INSULATION TO BE INSTALLED IN EXPOSED EXISTING AND (N) CAVITIES
- FINISHES: NEW CARPET TILE, PAINT, TRIM/BASE
- FURNISHINGS: PARTIALLY (N) FURNITURE
- CASEWORK: (N) KITCHEN CABINETS
- PLUMBING: (N) KITCHEN SINK
- ELECTRICAL/NETWORKING: NEW LIGHTING CONTROLS, DISTRIBUTION OF ELECTRICAL/DATA RUNS TO EACH WORKSTATION
- HVAC: DUCT CLEANING, DUCTWORK REPLACEMENT AND FILTER REPLACEMENT

ALTERNATES

- #1 REPLACE CEILING GRID AND ACOUSTIC CEILING TILE (ACT) IN THE ENTIRE PROJECT AREA WITH ARMSTRONG ULTIMA WITH AIRGUARD COATING- #1903 24"X48" LAY-IN TILE WITH PRELUDE 1/2" GRID, OR APPROVED EQUAL AND RE-USE (E) LIGHTING. SEE E105 FOR ALTERNATE LIGHTING PLAN.
- #2 DUCT CLEANING, DUCTWORK REPLACEMENT AND FILTER REPLACEMENT. SEE M105 FOR SPECIFICATIONS.

CODE SUMMARY

- BUILDING CODE: 2010 OREGON STRUCTURAL SPECIALTY CODE
- OCCUPANCY GROUP "B" (BUSINESS GROUP, INCLUDES OFFICES AND EDUCATION ABOVE THE 12TH GRADE)
- OCCUPANCY SEPARATION: NONE REQUIRED
- CONSTRUCTION TYPE: III-A (ONE HOUR)
- FIRE PROTECTION: SPRINKLERED: FIRE ALARM SYSTEM TO MEET REQUIREMENTS OF NFPA72, WHERE REQUIRED.

DRAWING INDEX

ARCHITECTURAL

G001 COVER, GENERAL NOTES, INDEX, MAPS, & KEY PLAN
G002 CODE SUMMARY
G003 ABBREVIATIONS
D101 DEMO PLAN
A101 FLOOR PLAN
A102 REFLECTED CEILING PLAN

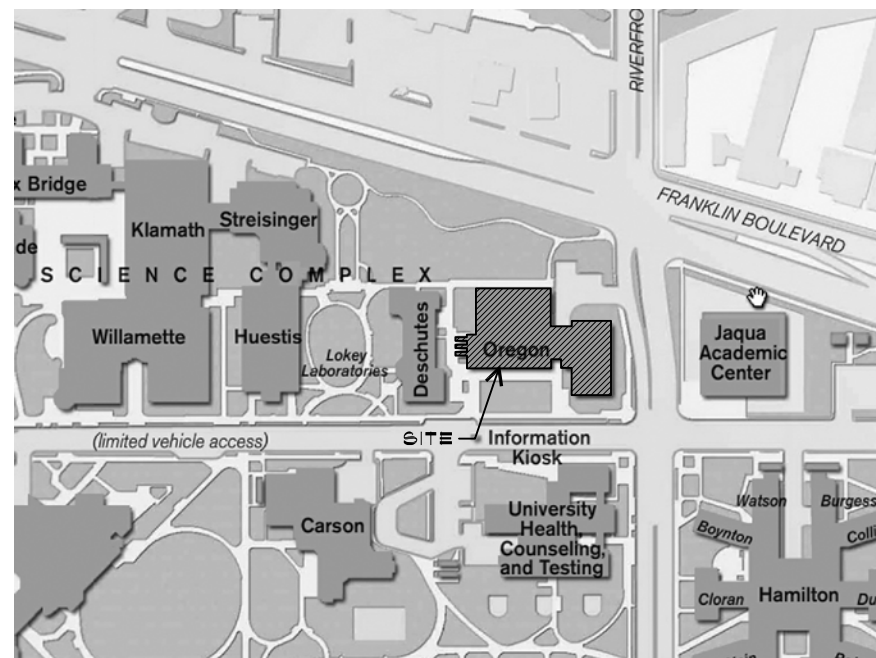
A103 FINISH FLOOR PLAN
A104 FURNITURE PLAN
A105 TYP. CEILING BRACING
A401 INTERIOR ELEVATIONS
A402 INTERIOR ELEVATIONS
A501 DOOR AND WINDOW DETAILS
A601 DOOR AND WINDOW SCHEDULES
A602 ALL-IN-ONE & FINISH SCHEDULES

ELECTRICAL

E001 COVER, GENERAL NOTES, INDEX, MAPS, & KEY PLAN
E101 ELECTRICAL DEMO PLAN
E102 LIGHTING DEMO PLAN
E103 PROPOSED ELECTRICAL PLAN
E104 PROPOSED LIGHTING PLAN: BASE BID
E105 PROPOSED LIGHTING PLAN: ALTERNATE BID
E106 PARTIAL ELECTRICAL ONE LINE DIAGRAM
E107 ELECTRICAL SCHEDULES

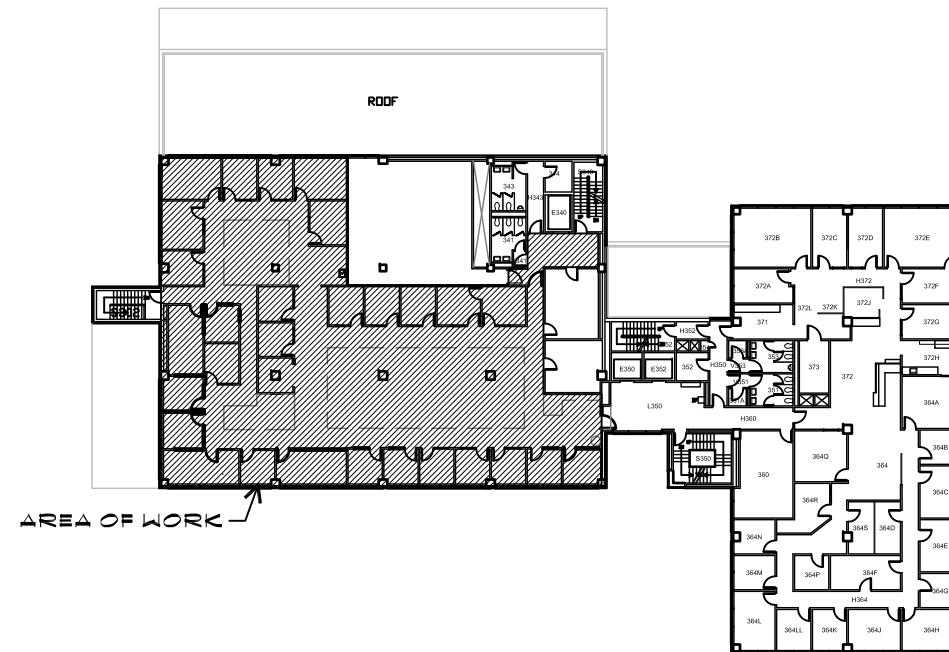
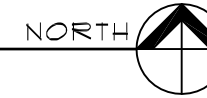
MECHANICAL SET

M001 HVAC LEGEND
M101 HVAC PLAN DEMO - BASE BID
M102 HVAC PLAN - BASE BID
M103 HVAC PLAN DEMO - ALT. #1
M104 HVAC PLAN - ALT. #1
M105 DUCT CLEANING
M106 PLUMBING PLAN



VICINITY MAP

EUGENE, OREGON



KEY PLAN

SCALE: 1" = 50'0"

SITE INFORMATION

ADDRESS: UNIVERSITY OF OREGON, 1585 EAST 13TH
EUGENE, OREGON 97403-1278

- PROJECT AREA: 7,272 SQUARE FEET
- THIRD FLOOR AREA: 18,380 SQUARE FEET



GENERAL NOTES

- COMPLY WITH ALL CODES, ORDINANCES, AND GOVERNMENT AGENCIES.
- ALL CONSTRUCTION IS TO COMPLY WITH THE 2010 OREGON STRUCTURAL SPECIALTY CODE, AS AMENDED BY THE STATE OF OREGON.
- DIMENSIONS ARE TO FACE OF FINISH OR CASEWORK, UNLESS NOTED OTHERWISE.
- VERIFY AND COORDINATE WITH PLUMBING, MECHANICAL, AND ELECTRICAL.
- DO NOT SCALE DRAWINGS. CONTRACTOR SHALL RELY ON WRITTEN DIMENSIONS AS GIVEN. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT FOR CLARIFICATIONS. ALL DIMENSIONS SHALL BE FIELD VERIFIED BY CONTRACTOR & COORDINATED W/ THE WORK OR TRADES. IF DISCREPANCIES ARE FOUND, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT BEFORE THE COMMENCEMENT OR RESUMPTION OF WORK.
- IF THE CONTRACTOR DISCOVERS AT ANY TIME THAT REQUIREMENTS OF THIS CONTRACT CONFLICT W/ OR ARE IN VIOLATION OF APPLICABLE LAWS, CODES, REGULATIONS & ORDINANCES, HE SHALL NOT PROCEED W/ WORK IN QUESTION UNTIL ARCHITECT HAS BEEN NOTIFIED IN WRITING & WRITTEN DETERMINATION IS MADE BY THE ARCHITECT. WHERE COMPLETED OR PARTIALLY COMPLETED WORK IS FOUND TO BE IN VIOLATION W/ APPLICABLE LAWS, CODES, REGULATIONS OR ORDINANCES, CONTRACTOR SHALL BE REQUIRED TO REMOVE THAT WORK FROM THE PROJECT & REPLACE SUCH WORK W/ ALL NEW COMPLYING WORK AT NO ADDITIONAL COST TO THE OWNER OR ARCHITECT.
- CONTRACTOR SHALL PROVIDE & INSTALL STIFFENERS, BRACING, BACK-UP PLATES & SUPPORTING BRACKETS REQUIRED FOR THE INSTALLATION OF FLOOR-MOUNTED OR SUSPENDED MECHANICAL & ELECTRICAL EQUIPMENT.
- CONTRACTOR SHALL VERIFY THE LOCATIONS OF EXISTING UTILITIES BELOW FLOOR LEVEL & RELATED SERVICE CONNECTIONS W/ THE RESPECTIVE UTILITY COMPANIES.
- SHOP DRAWINGS SHALL BE SUBMITTED FOR EQUIPMENT & MATERIALS WHICH MUST INTERFACE & COORDINATE W/ OTHERS, WHETHER DETAILED OR NOT.
- PATCH AND REPAIR STRUCTURE, FRAMING, AND FINISHES AFFECTED BY CONSTRUCTION.
- ALL UNFINISHED FACES AND EDGES, WHETHER EXPOSED OR NOT, OF ALL CASEWORK, COUNTERTOPS, SHELVING, SYSTEMS FURNITURE, ETC. SHALL BE SEALED WITH SAFECOAT SAFE SEAL PARTICLE BOARD AND PLYWOOD SEALER.
- ALL PROJECT SIGNAGE TO BE OFOI.
- MODIFICATION OF EXISTING FIRE ALARM SYSTEM IN REMODELED SPACE TO BE PROVIDED BY SEPARATE FIRE ALARM CONTRACTOR UNDER SEPARATE CONTRACT WITH OWNER.



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PROJECT TITLE

OREGON HALL 3RD FLR
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REVISIONS

SYM	DATE	REFERENCE

PROJECT NO. 13006

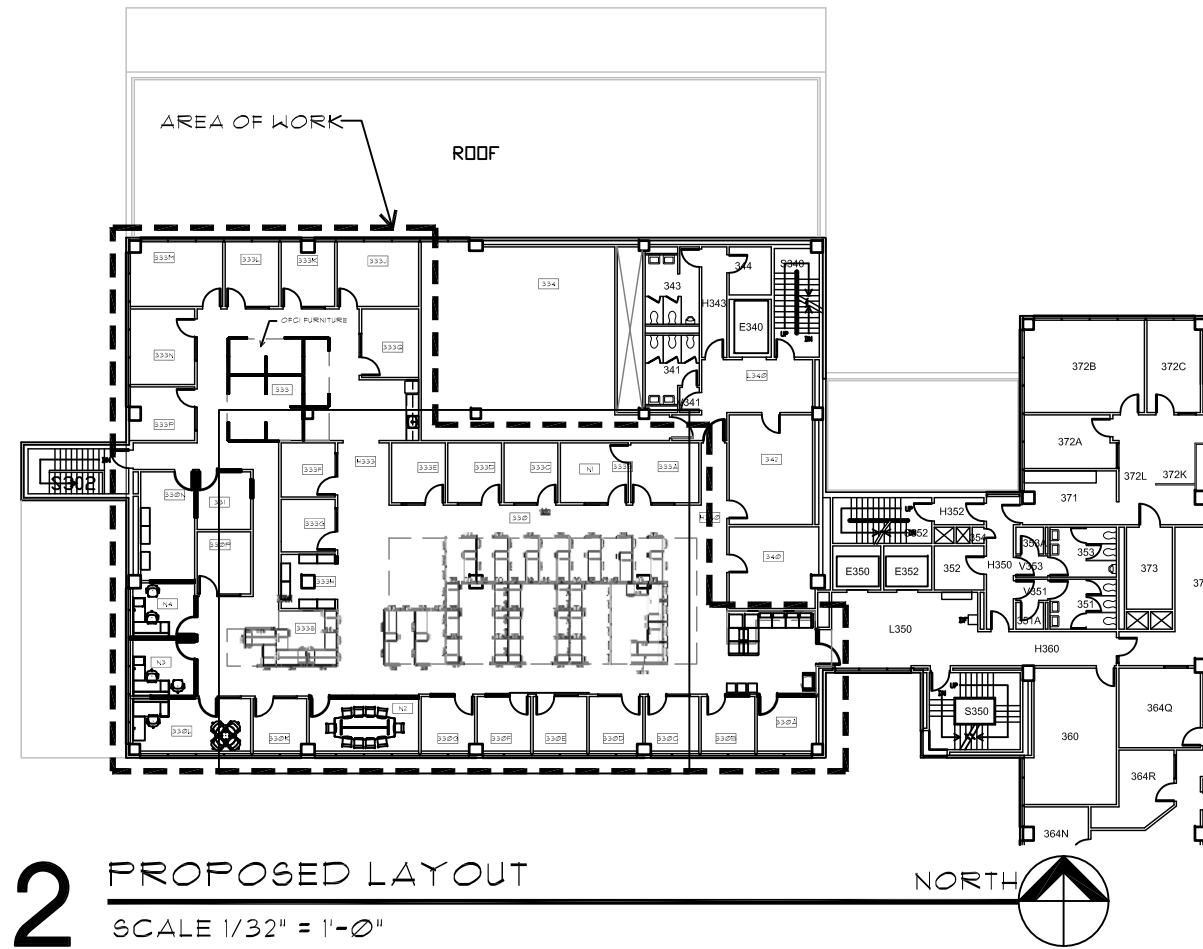
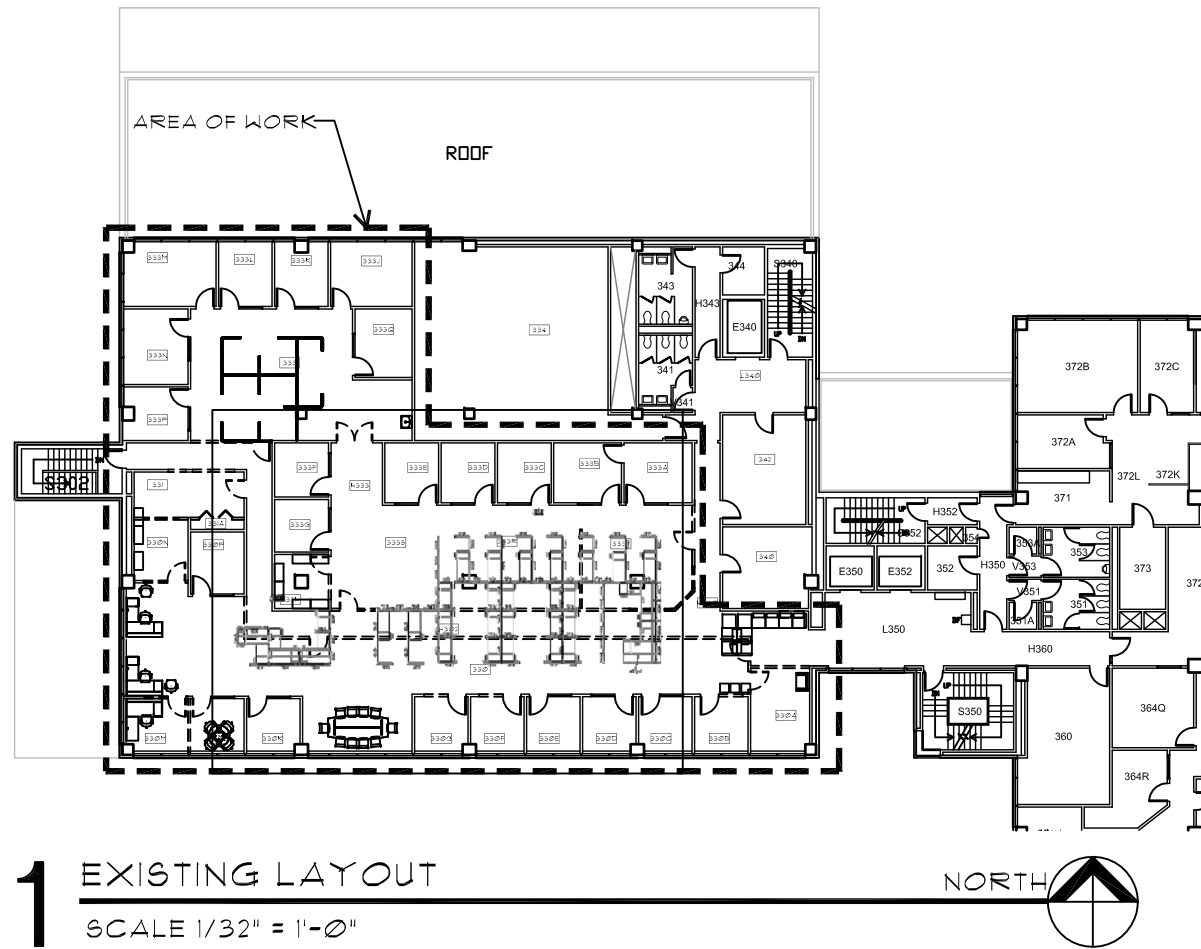
DATE 05 AUGUST 2013

DRAWING TITLE

TITLE SHEET

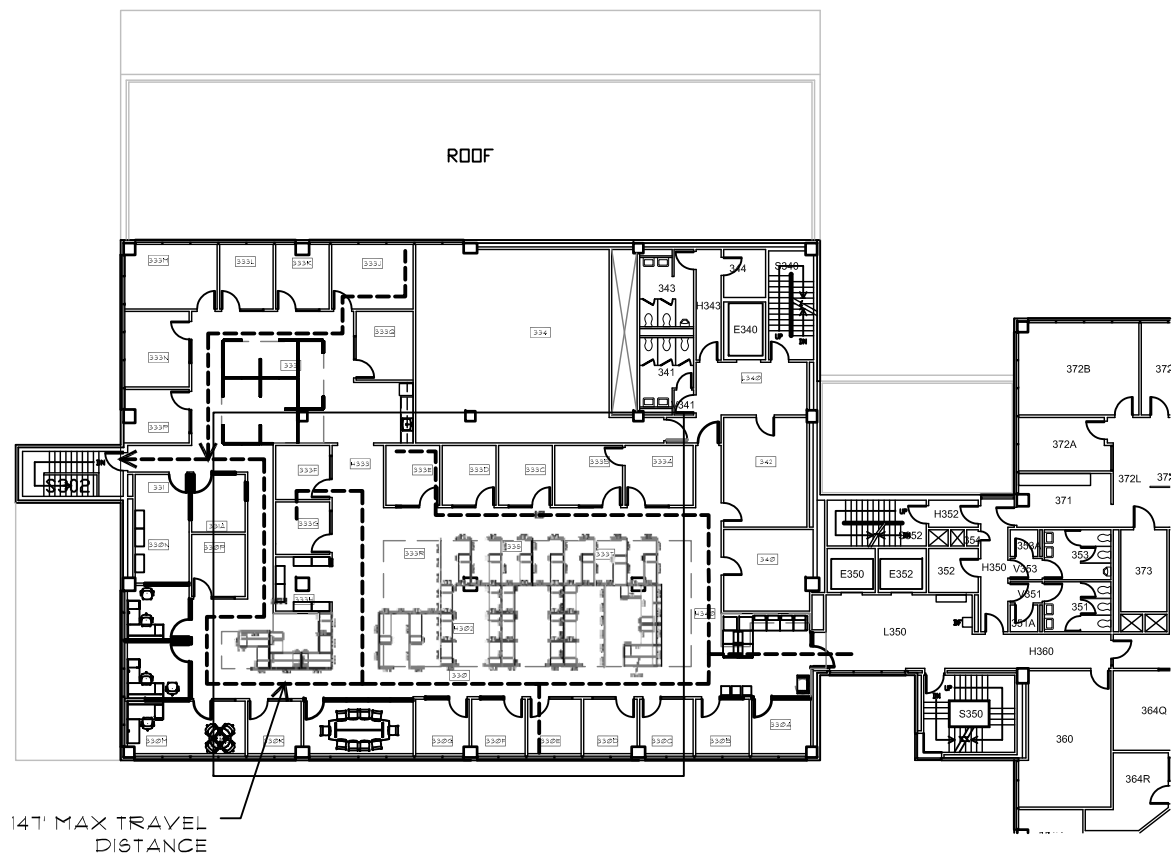
DRAWING NUMBER

G001



1 EXISTING LAYOUT
SCALE 1/32" = 1'-0"

2 PROPOSED LAYOUT
SCALE 1/32" = 1'-0"



141' MAX TRAVEL DISTANCE
3 EXITING DIAGRAM
SCALE 1/16" = 1'-0"

- EXITING NOTES:**
NO CHANGE IN OCCUPANCY LOAD OR EGRESS CONDITIONS
EXISTING BUILDING INFORMATION
- AREA PER FLOOR: AVERAGE 18,400 SQUARE FEET
 - OCCUPANCY LOAD FACTOR: 100 GROSS
 - MINIMUM DESIGN OCCUPANCY: 184 OCCUPANTS
 - MIN. CORRIDOR WIDTH = $184 \times 0.2 = 37'$
 - EXISTING CORRIDOR EXIT 51" AT NARROWEST POINT
 - 1 HOUR SEPARATION TO BE MAINTAINED
- EXIT ACCESS TRAVEL DISTANCE**
- B OCCUPANCY, SPRINKLERED
 - MAX DISTANCE: 300 FEET
 - MAX EXITING TRAVEL DISTANCE TO NEAREST EXIT ACCESS: 141 FEET

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REVISIONS		
SYM	DATE	REFERENCE
PROJECT NO.	13006	
DATE	05 AUGUST 2013	
DRAWING TITLE	CODE SUMMARY	
DRAWING NUMBER	G002	

ABBREVIATIONS

A.C.T.	ACOUSTIC CEILING TILE	GWB	GYPSUM WALL BOARD
A.F.F.	ABOVE FINISH FLOOR	GYP	GYPSUM
ALT.	ALTERNATE	INSUL.	INSULATION
BLKG	BLOCKING	MAX.	MAXIMUM
BLDG	BUILDING	MIN.	MINIMUM
B.O.F.	BOTTOM OF FRAMING	N.I.C.	NOT IN CONTRACT
CFB	CEMENT FIBER BOARD	(N)	NEW
CLR	CLEAR	O/	OVER
CONC.	CONCRETE	O/C	ON CENTER
COND.	CONDITION	OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
CONN.	CONNECTION	OFOI	OWNER FURNISHED OWNER INSTALLED
CONT.	CONTINUOUS	PERF.	PERFORATED
CTR	CENTER	PLY	PLYWOOD
(D)	DEMOLISH	PLYWD	PLYWOOD
DN	DOWN	PRE-FIN	PRE-FINISHED
DWG	DRAWING	(R)	REMOVE
(E)	EXISTING	S.F.	SQUARE FEET
EA.	EACH	SHT.	SHEET
EL.	ELEVATION	SIM.	SIMILAR
EXT.	EXTERIOR	T.O.	TOP OF
FDN.	FOUNDATION	TYP.	TYPICAL
INT.	INTERIOR	U.N.O.	UNLESS NOTED OTHERWISE
		V.I.F.	VERIFY IN FIELD
		W.H.	WATER HEATER



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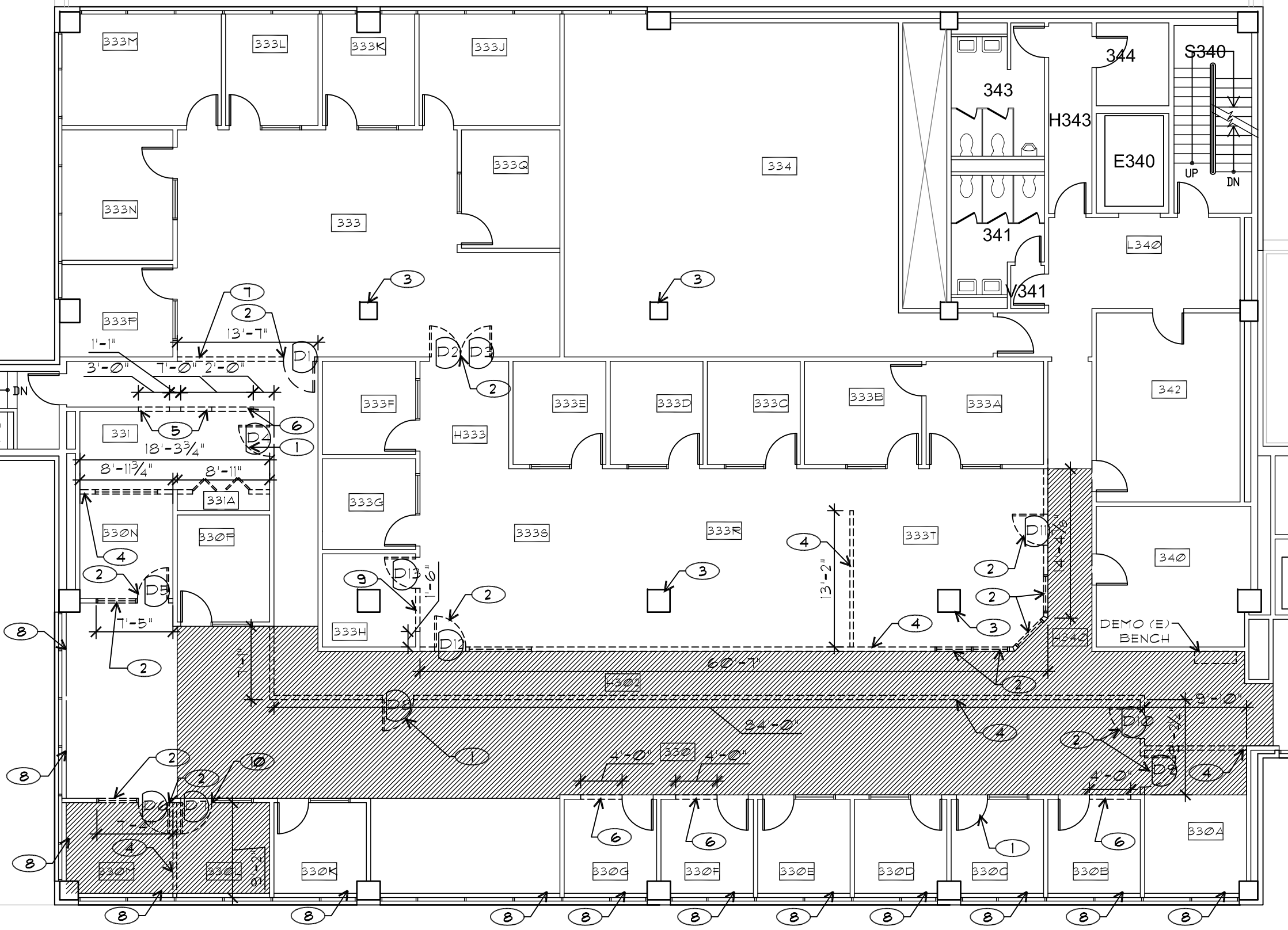
DATE 05 AUGUST 2013

DRAWING TITLE

ABBREVIATIONS

DRAWING NUMBER

G003



DRAWING LEGEND

- (E) WALL
- DEMO WALL/DOOR/TRANSOM RELITE
- DEMO CARPET AND PAD
- DOOR TYPE, SEE DOOR INVENTORY ON A601.

DEMO GENERAL NOTES

1. SALVAGE ALL DEMOED DOORS, TRANSOMS, RELITES, WOOD WALL TRIM, WOOD DOOR TRIM AND SYSTEMS FURNITURE WALL BRACKETS AND STORE FOR FUTURE USE

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DATE 05 AUGUST 2013

DRAWING TITLE
DEMO PLAN

DRAWING NUMBER

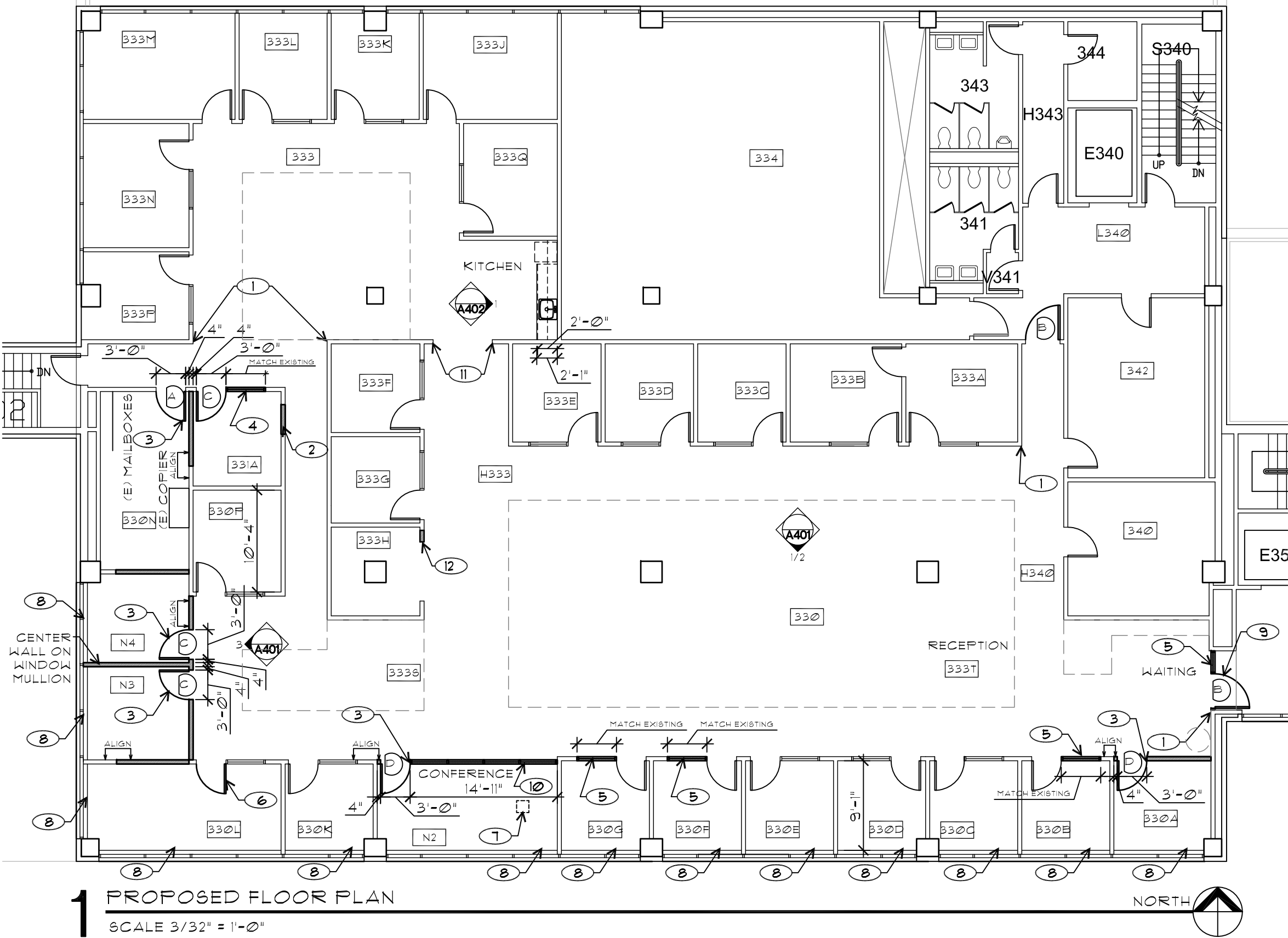
D101

1 THIRD FLOOR DEMO PLAN

SCALE 3/32" = 1'-0"

DEMO PLAN KEYED NOTES

- ① REMOVE DOOR, TRANSOM, AND DOOR/TRANSOM FRAME. SALVAGE WHEN POSSIBLE. REFER TO DOOR SCHEDULE ON A601 FOR DETAILS.
- ② N.I.C: WORK BY OTHERS UNDER SEPARATE CONTRACT BY OWNER.
- ③ (E) COLUMN TO REMAIN
- ④ N.I.C: WORK BY OTHERS UNDER SEPARATE CONTRACT BY OWNER.
- ⑤ N.I.C: WORK BY OTHERS UNDER SEPARATE CONTRACT BY OWNER.
- ⑥ N.I.C: WORK BY OTHERS UNDER SEPARATE CONTRACT BY OWNER.
- ⑦ N.I.C: WORK BY OTHERS UNDER SEPARATE CONTRACT BY OWNER.
- ⑧ REMOVE RADIATORS ALONG EXTERIOR WALLS.
- ⑨ N.I.C: WORK BY OTHERS UNDER SEPARATE CONTRACT BY OWNER.
- ⑩ FLIP DOOR SWING









1 PROPOSED FLOOR PLAN
SCALE 3/32" = 1'-0"

FLOOR PLAN KEYED NOTES

- | | | |
|--|--|--|
| <p>1 PATCH AND REPAIR WHERE WALL WAS REMOVED</p> <p>2 FILL IN RELITE / DOOR OPENING, WHERE DOOR/RELITE WAS REMOVED, MATCH SURROUNDING FINISH</p> <p>3 NEW DOOR. INSTALL SALVAGED DOOR/TRANSOM WHEN POSSIBLE. REFER TO DOOR SCHEDULE ON A601 FOR DETAILS.</p> | <p>4 (N) RELITE IN (N) WALL. INSTALL SALVAGED RELITE WHEN POSSIBLE. REFER TO RELITE SCHEDULE ON A601 FOR DETAILS.</p> <p>5 (N) RELITE IN (E) WALL. INSTALL SALVAGED RELITE WHEN POSSIBLE. REFER TO RELITE SCHEDULE ON A601 FOR DETAILS.</p> <p>6 FLIP DOOR SWING</p> <p>7 OFOI PROJECTOR</p> | <p>8 REFINISH WALLS WHERE RADIATORS WERE REMOVED WITH SHEETROCK TO MATCH EXISTING.</p> <p>9 REFURBISHED DOOR WITH OVERHEAD T-STOP.</p> <p>10 (N) WINDOW WALL, SEE 2/A401 FOR DETAILS.</p> <p>11 FINISH OPENING WITH SHEETROCK TO MATCH EXISTING.</p> <p>12 FRAME OPENING WITH APPROPRIATE BOX HEADER</p> |
|--|--|--|

DRAWING LEGEND

-  DOOR TYPE, RE-USE SALVAGED DOORS WHEN POSSIBLE. SEE SCHEDULE ON A601
-  INTERIOR ELEVATION REFERENCE
-  (E) WALL
-  (N) WALL
-  KEYNOTE
-  OUTLINE OF FURNITURE AND WORKSTATIONS. REFER TO A104 FOR LAYOUT

GENERAL NOTES

1. ALL NEW AND EXISTING EXPOSED INTERIOR WALL CAVITIES TO BE FILLED WITH ACOUSTIC ATTENUATION BATTS.
2. CONTRACTOR TO PROVIDE BLOCKING AS NECESSARY FOR INSTALLATION OF NEW CABINETS, ELECTRICAL & MECHANICAL EQUIPMENT, ETC. PRIOR TO ENCLOSURE OF WALL CAVITIES, VERIFY ANY ADDITIONAL BLOCKING REQUIREMENTS WITH OWNER.
3. CUT OR CORE EXISTING CONCRETE ROOF DECK FOR VENT(S). CUT BACK ROOFING FOR TIE INTO VENT FLASHING. INSTALL VENT(S), SECURE TO UNDERSIDE OF DECK AND SEAL AROUND OPENING. SEAM AND ROOF OR FORM FLASH TO AND UP VENT PER ROOFING MANUFACTURER. PROVIDE PRE-MOLDED BOOT. SEAM EDGE INTO ROOFING TO CREATE WEATHERPROOF CONDITION PER ROOFING MANUFACTURERS DETAILS AND INSTRUCTIONS.

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REVISIONS

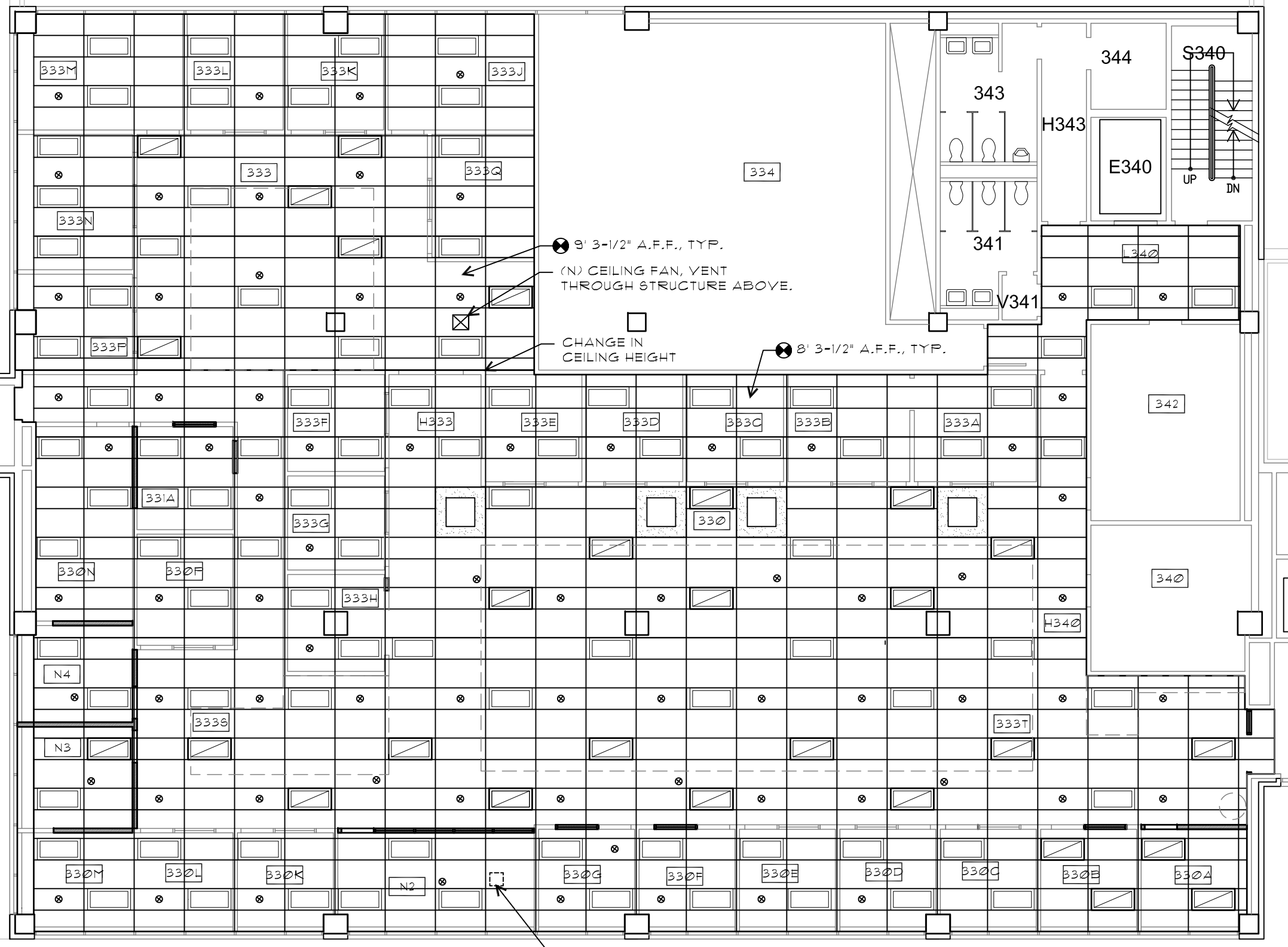
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DATE 05 AUGUST 2013

DRAWING TITLE
FLOOR PLAN

DRAWING NUMBER

A101








RCP GEN. NOTES

1. PATCH AND REPAIR OR REPLACE DAMAGED TILES WHERE WALLS WERE REMOVED.
2. INSTALL (N) CEILING FANS, SALVAGED WHEN POSSIBLE, WHERE LIGHT FIXTURES WERE REMOVED.
3. FIRE ALARM SYSTEM TO MEET REQUIREMENTS OF NFPA T2 WHERE REQUIRED. SPRINKLER CONTRACTOR TO ADVISE IF AND WHERE (N) SPRINKLERS ARE TO BE INSTALLED AND VERIFY LOCATIONS FOR (E) SPRINKLERS. NEW FIRE ALARM ANNUNCIATION DEVICES TO BE DESIGN-BUILD AND INSTALLED BY OTHERS UNDER SEPARATE CONTRACT WITH OWNER.

ALTERNATE #1

REPLACE CEILING GRID AND ACT IN THE ENTIRE PROJECT AREA WITH A STANDARD 2'X4' GRID SYSTEM AND RE-USE (E) LIGHTING. SEE E105 FOR ALTERNATE LIGHTING PLAN.

RCP LEGEND

-  (E) 2X4 RECESSED TROFFER W/ AIR SUPPLY UNDER BASE BID. UNDER ALTERNATE BID FIXTURE WILL BE REMOVED AND REINSTALLED
-  (E) FIXTURE, NEW LOCATION- 2X4 RECESSED TROFFER W/ AIR SUPPLY
-  (E) SKYLIGHT
-  (E) SPRINKLER
-  OUTLINE OF FURNITURE AND WORKSTATIONS. REFER TO A104 FOR LAYOUT

1 REFLECTED CEILING PLAN- BASE BID
SCALE 3/32" = 1'-0"



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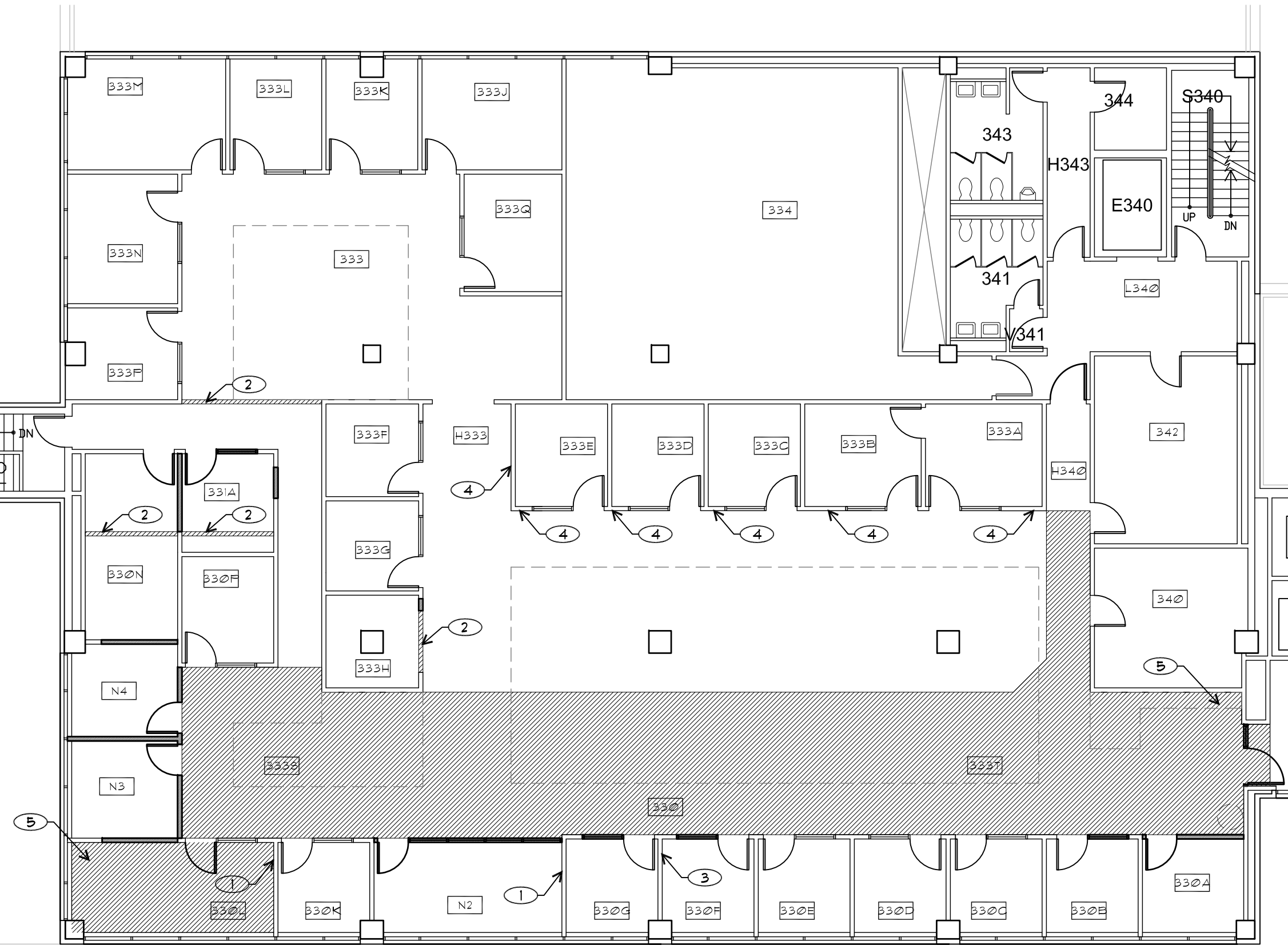
SYM	DATE	REFERENCE

PROJECT NO. 13006
DATE 05 AUGUST 2013

DRAWING TITLE
REFLECTED CEILING PLAN

DRAWING NUMBER

A102



DRAWING LEGEND

- (X) KEYNOTE
- (N) CARPET, SEE SCHEDULE ON SHEET A602
- (E) WALL
- (N) WALL
- OUTLINE OF FURNITURE AND WORKSTATIONS. REFER TO A104 FOR LAYOUT

GENERAL NOTES

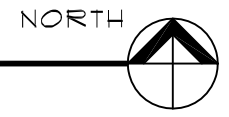
1. ALL NEW WALLS TO BE PAINTED PT-1. BLEND NEW AND EXISTING PAINT WHERE REQUIRED. NEW TRIM TO MATCH EXISTING. REFER TO FINISH SCHEDULE ON SHEET A602.
2. MATCH EXISTING HISTORIC BASEBOARD THROUGHOUT.
3. PAINT ALL INSULATED AND EXPOSED PIPES / CONDUIT OCCURRING IN FINISHED AREAS TO MATCH BACKGROUND SURFACES, UNLESS OTHERWISE NOTED. DO NOT PAINT SPRINKLER.
4. WHERE NEW AND EXISTING FINISH SEAMS ARE EXPOSED, BLEND NEW TO MATCH EXISTING.

1 PROPOSED FINISH FLOOR PLAN

SCALE 3/32" = 1'-0"

FINISH FLOOR PLAN KEYED NOTES

- 1 WHITEBOARD PAINT- SEE SCHEDULE ON SHEET A602
- 2 PATCH AND REPAIR CARPET WITH CI WHERE WALLS WERE REMOVED. REFER TO SCHEDULE ON SHEET A602
- 3 PAINT PT-1
- 4 REPLACE (E) RUBBER BASEBOARD TRIM WITH HISTORIC WOOD
- 5 (N) CARPET CI - SEE SCHEDULE ON SHEET A602



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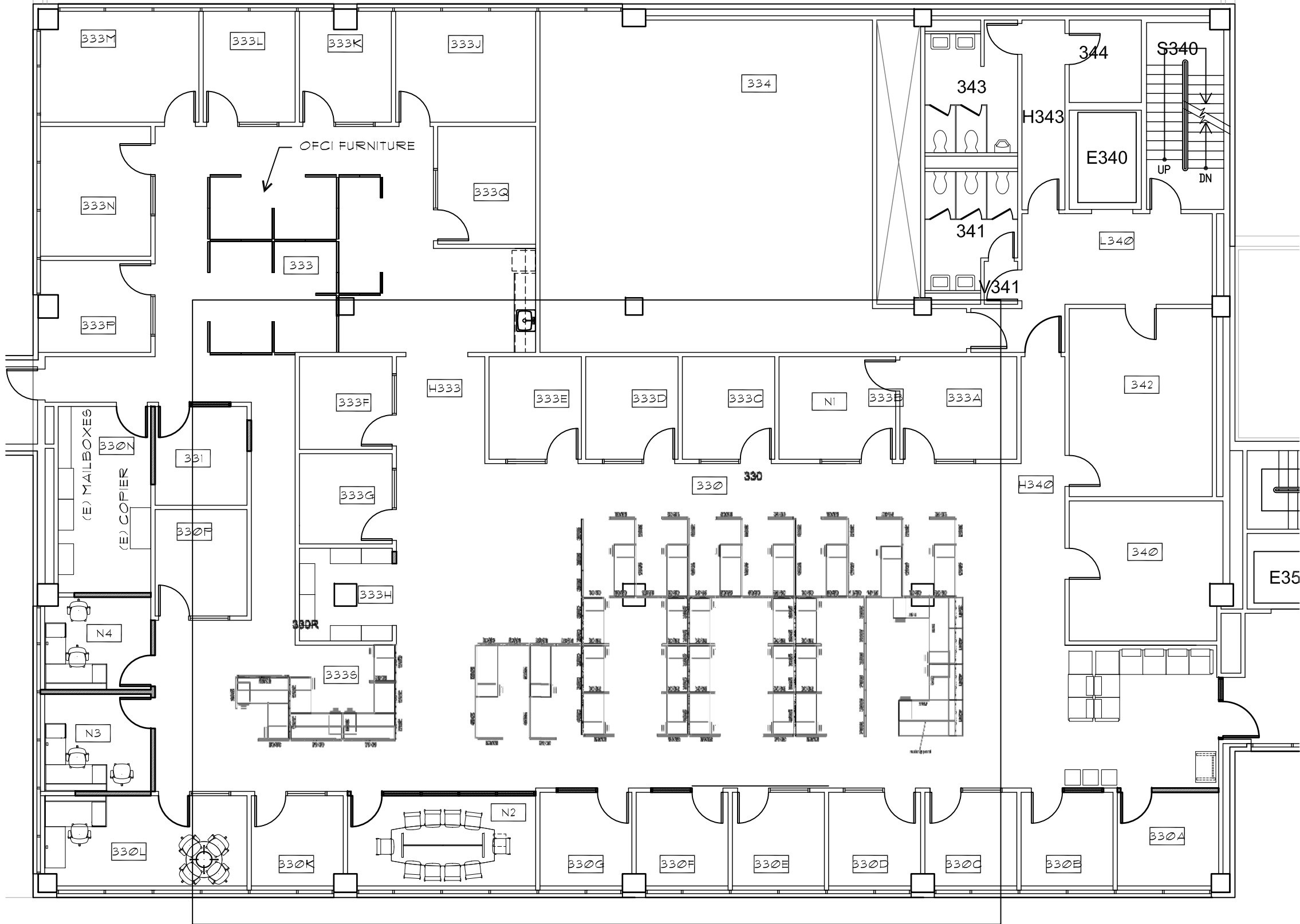
PROJECT NO. 13006

DATE 05 AUGUST 2013

DRAWING TITLE
FINISH FLOOR PLAN

DRAWING NUMBER

A103



DRAWING LEGEND

- (E) WALL
- (N) WALL

GENERAL NOTES

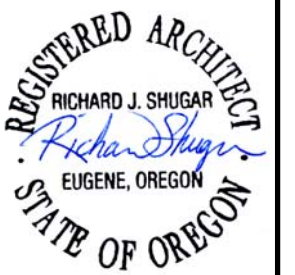
1. U.N.O. ALL FURNITURE TO BE CFCI, ENVIRONMENTS TO FURNISH AND INSTALL. SEE CONTACT INFO ON G001.

1 PROPOSED FURNITURE PLAN

SCALE 3/32" = 1'-0"



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SYM	DATE	REFERENCE

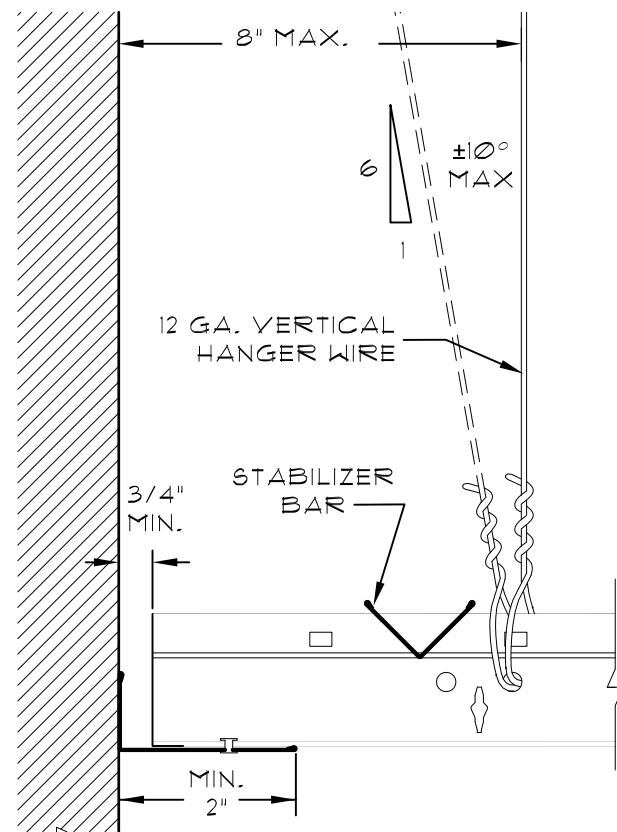
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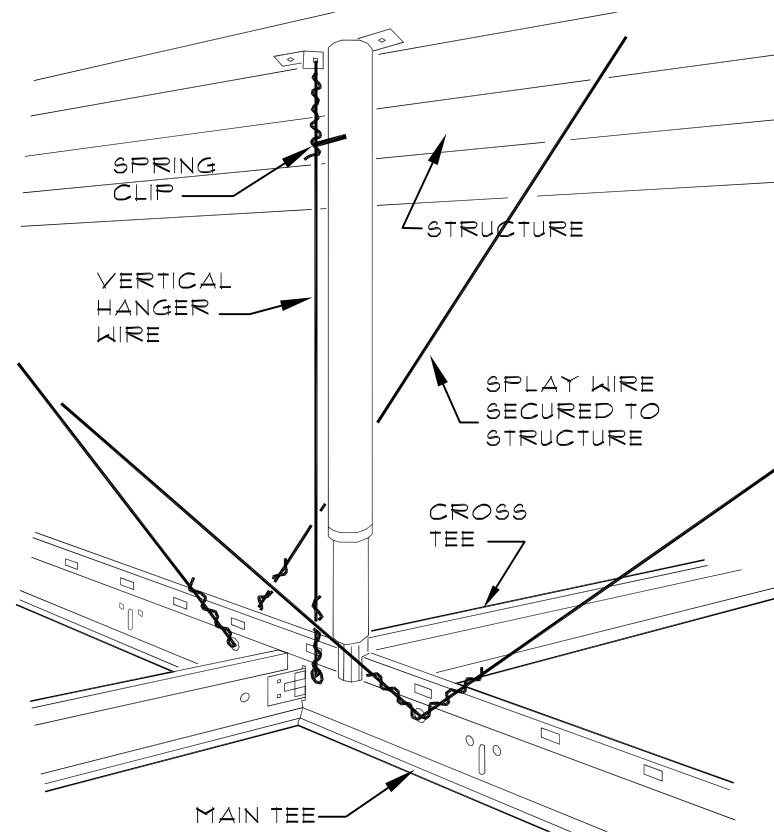
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FURNITURE PLAN

DRAWING NUMBER

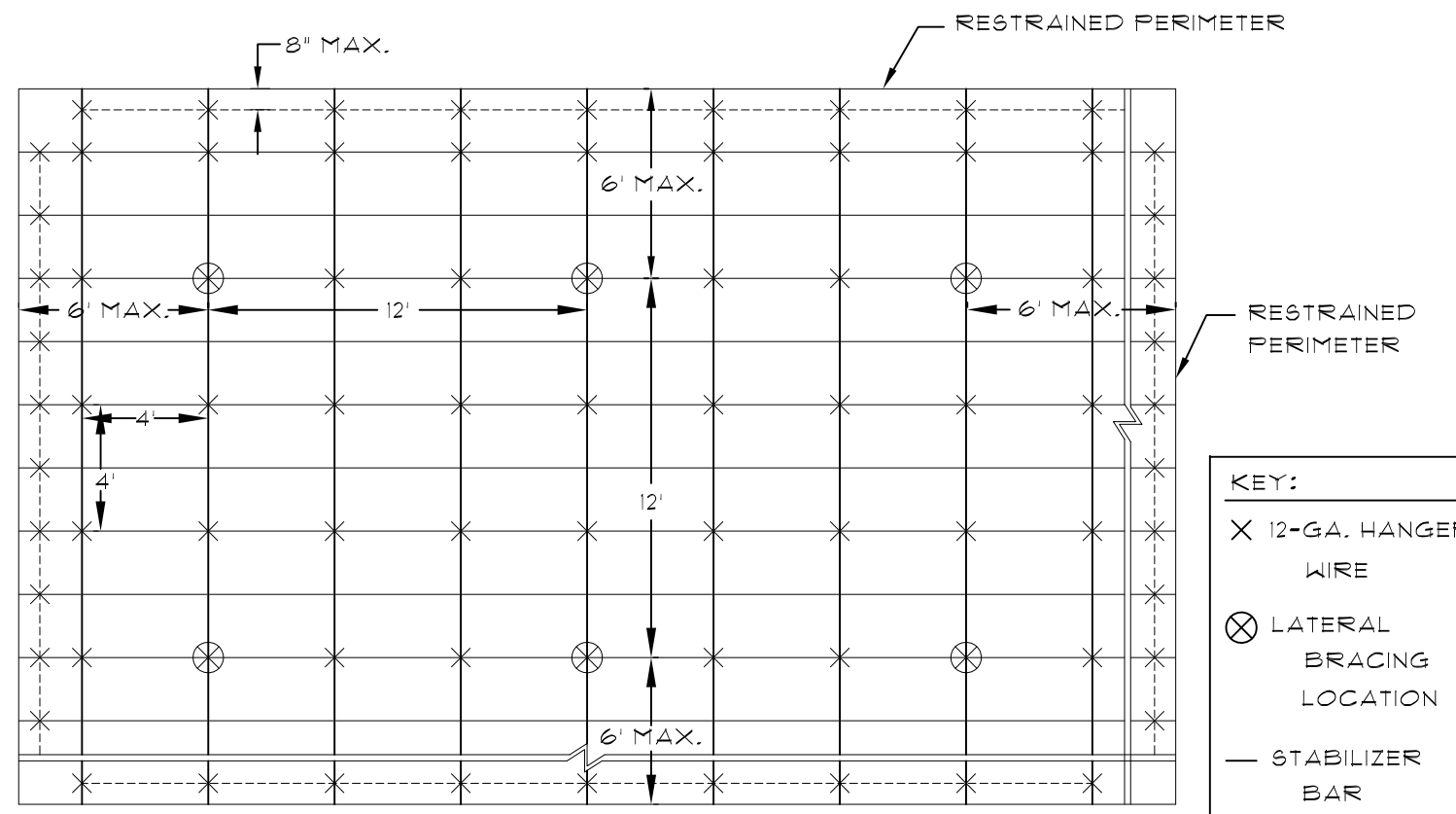
A104



CONNECTION AT WALL
NOT TO SCALE



AXON AT COMPRESSION POST
NOT TO SCALE

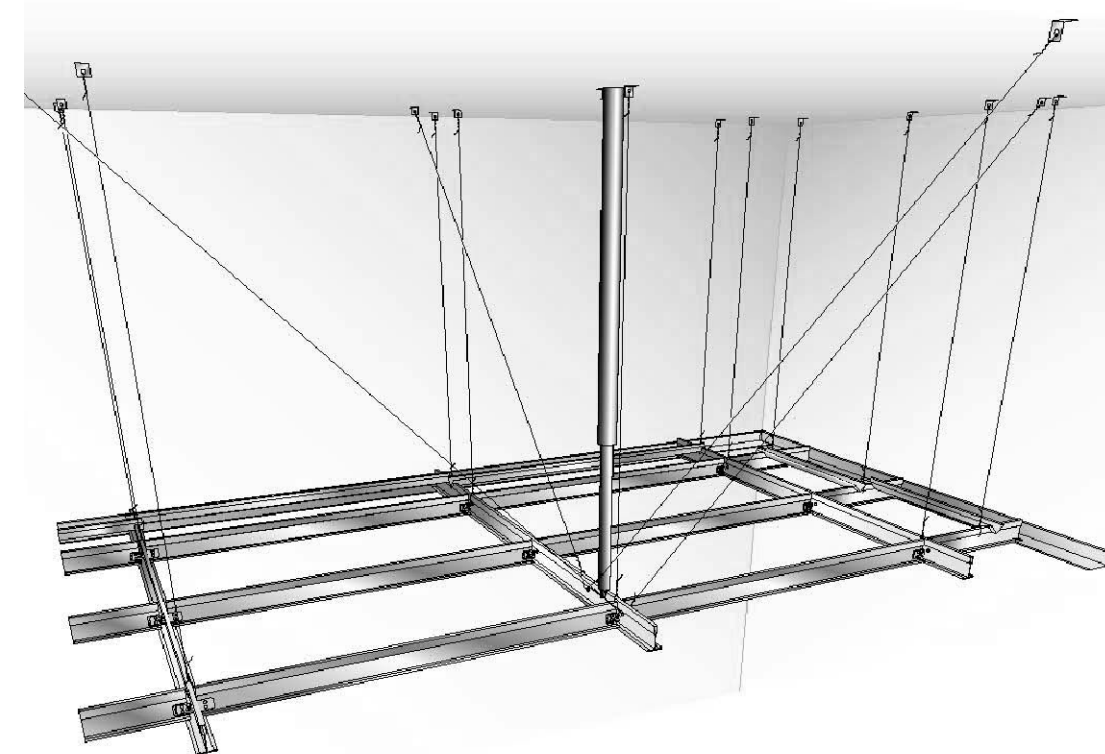


TYPICAL GRID LAYOUT PARAMETERS
NOT TO SCALE

ACOUSTICAL CEILING SEISMIC NOTES:

- MINIMUM INTERSECTION STRENGTH LIMITS @ MT/CT TO BE 180 LBS.
- VERTICAL HANGER WIRES TO BE 12 GAUGE @ 4' ON CENTER
- CONNECTION DEVICE FROM VERTICAL WIRE TO THE STRUCTURE ABOVE MUST SUSTAIN MIN. 100 LBS.
- HEAVY DUTY MAIN TEE CLASSIFICATION
- 1 IN 6 MAX PLUMB OF VERTICAL HANGER WIRES
- PERIMETER VERTICAL HANGER WIRES NOT MORE THAN 8" FROM WALL
- MIN 3/4" GRID END/WALL CLEARANCE
- MIN 2" PERIMETER CLOSURE (MOLDING) WIDTH
- GRID CONNECTION TO PERIMETER ATTACHED ON TWO ADJACENT WALLS
- PERIMETER TEE ENDS TIED TOGETHER AT PERIMETERS
- HORIZONTAL RESTRAINT (SPLAY WIRES OR RIGID BRACING) WITHIN 2" OF INTERSECTION AND SPLAYED 90° APART AT 45° ANGLES, REQUIRED FOR CEILINGS OVER 1000 SQ. FT.
- COMPRESSION POSTS (STRUTS) 12' O.C. IN BOTH DIRECTIONS, STARTING 6' FROM WALLS, REQUIRED FOR CEILINGS OVER 1000 SQ. FT.
- SPLAY BRACING CONNECTION STRENGTH MIN 200 LBS
- PARTITION ATTACHMENT BRACING INDEPENDENT OF CEILING SPLAY BRACING
- SEISMIC SEPARATION JOINT REQUIRED FOR AREAS GREATER THAN 2500 SQ. FT.
- LIGHT FIXTURES TO BE MECHANICALLY ATTACHED TO GRID (TWO PER FIXTURE UNLESS INDEPENDENTLY SUPPORTED)
- SPRINKLER HEADS AND OTHER PENETRATION CLEARANCE TO BE MIN 2" DIAMETER OPENING OR A SWING JOINT
- CABLE TRAYS AND ELECTRICAL CONDUIT TO BE INDEPENDENTLY SUPPORTED AND BRACED

NOTE: IMAGES ON THIS PAGE FROM USG CORPORATION CEILING LITERATURE



OVERALL 3D VIEW OF CEILING BRACING
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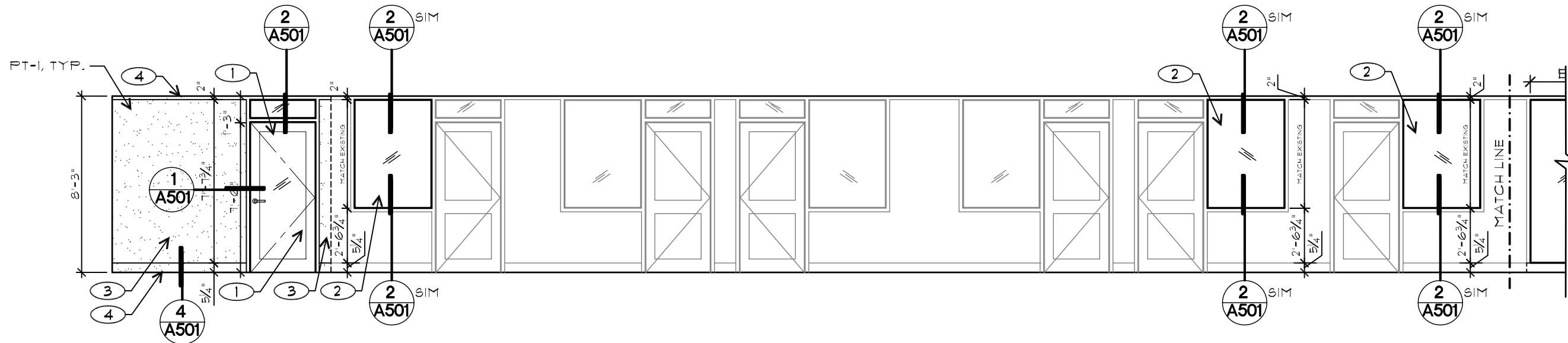
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DATE 05 AUGUST 2013

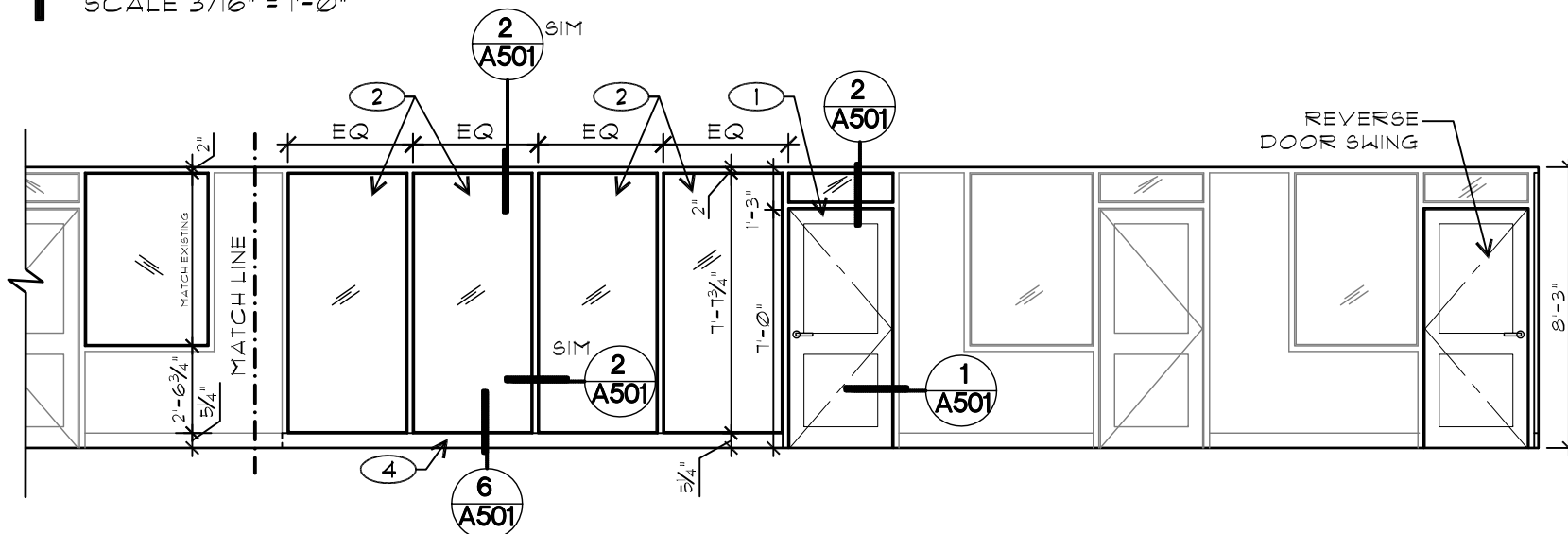
DRAWING TITLE
TYP. CEILING BRACING

DRAWING NUMBER

A105



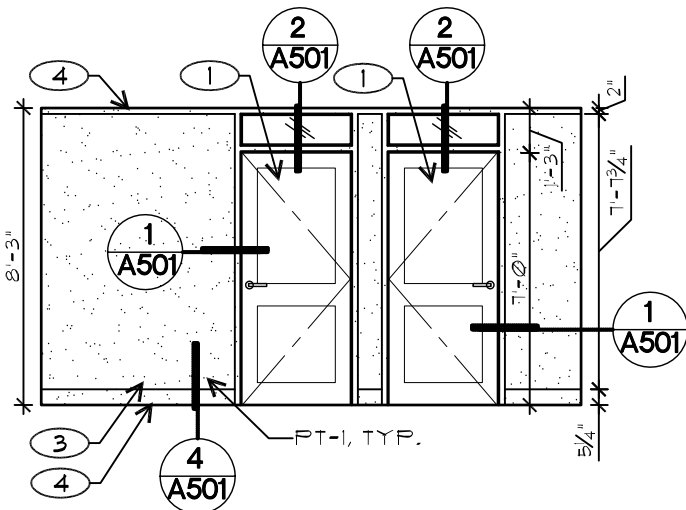
1 330 SOUTH ELEVATION- OFFICES 330A-330G
SCALE 3/16" = 1'-0"



2 330 SOUTH ELEVATION- OFFICES 330G-330L
SCALE 3/16" = 1'-0"

ELEVATION KEYED NOTES

- ① (N) DOOR, USE SALVAGED DOOR WHEN POSSIBLE. SEE DOOR SCHEDULE ON SHEET A601
- ② (N) RELITE, USE SALVAGED RELITE WHEN POSSIBLE
- ③ (N) WALL. BLEND WALL FINISH WITH EXISTING.
- ④ (N) TRIM. MATCH WITH EXISTING. SEE SCHEDULE ON SHEET A602



3 3336 W. ELEV.- OFFICES N3-N4
SCALE 3/16" = 1'-0"



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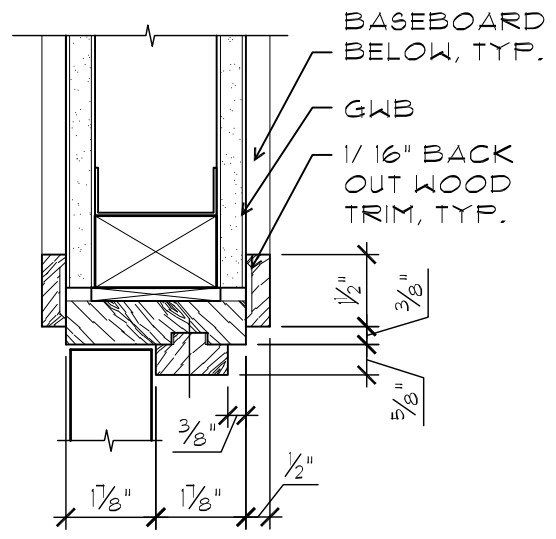
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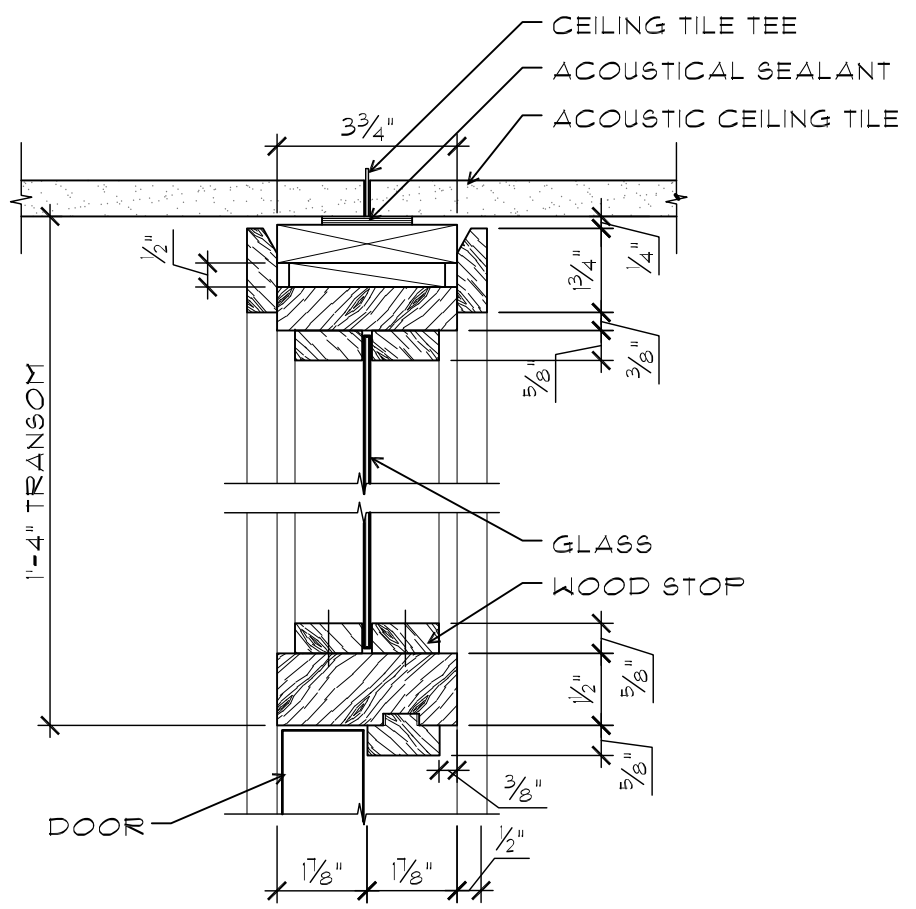
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INTERIOR ELEVATIONS

DRAWING NUMBER

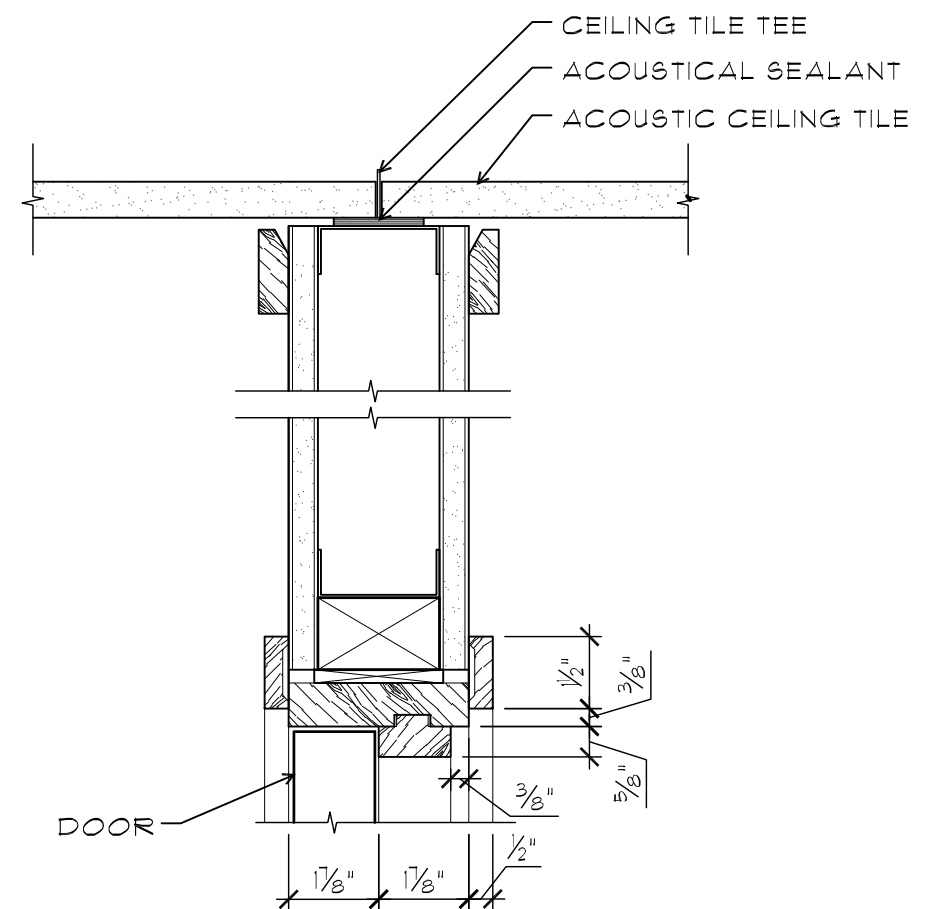
A401



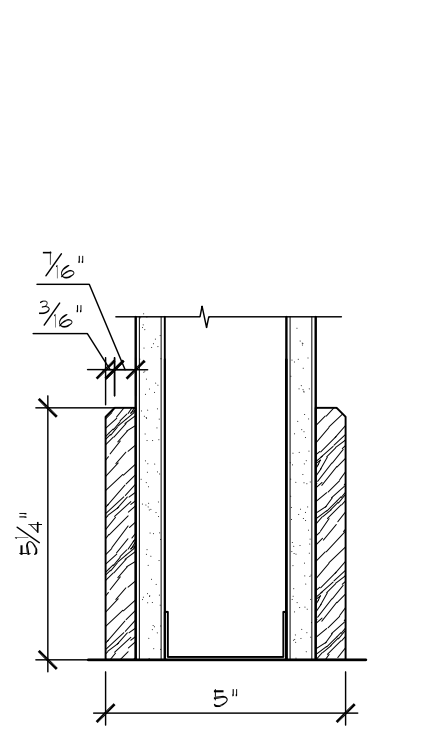
1 DOOR JAMB
SCALE 3" = 1'-0"



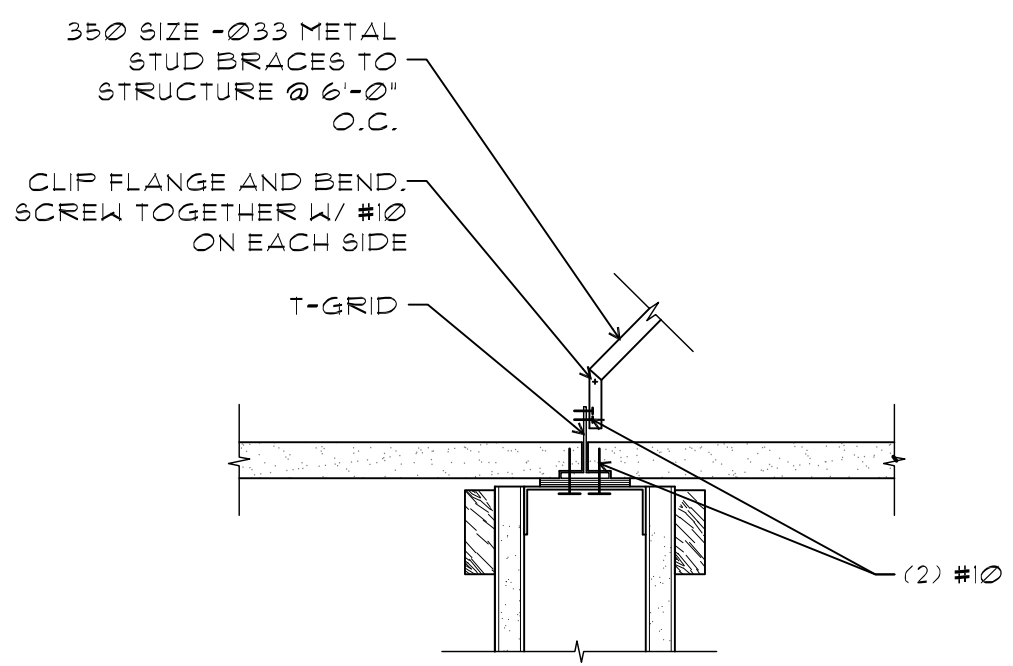
2 HEAD @ TRANSOM & DOOR
SCALE 3" = 1'-0"



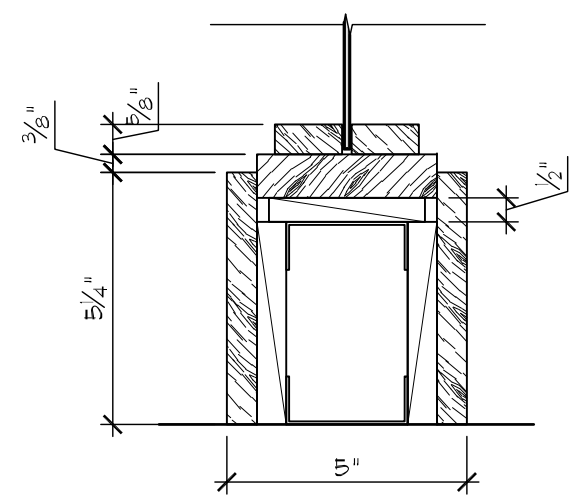
3 HEAD @ DOOR
SCALE 3" = 1'-0"




4 WOOD BASE, TYP.
SCALE 3" = 1'-0"




5 NEW PARTITION BRACING @ ACOUSTICAL TILE CEILING
SCALE 3" = 1'-0"



6 NEW RELITE SILL
SCALE 3" = 1'-0"



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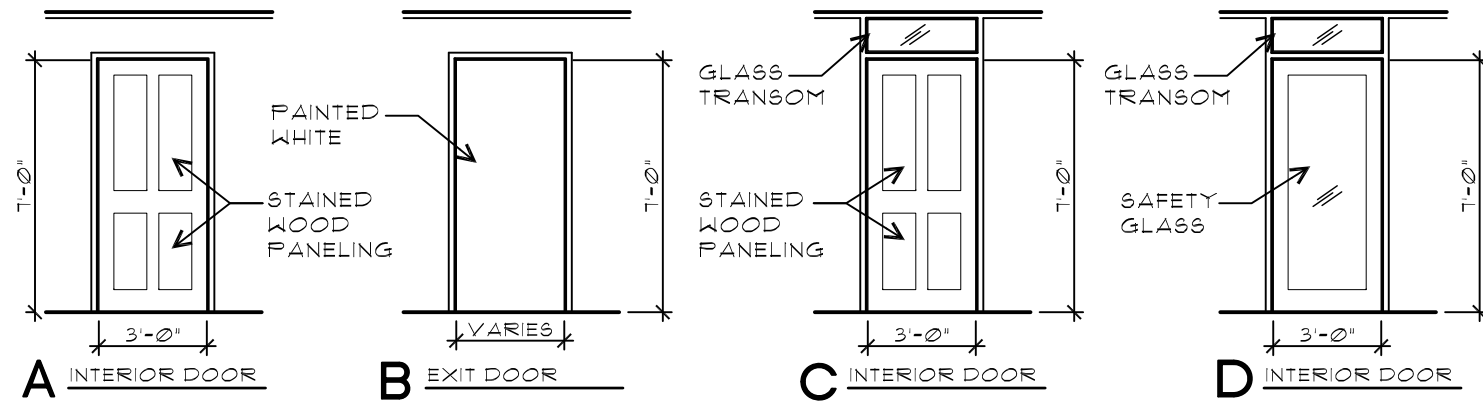
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SYM	DATE	REFERENCE

PROJECT NO. 13006
DATE 05 AUGUST 2013
DRAWING TITLE **DOOR & WINDOW DETAILS**
DRAWING NUMBER **A501**



* DOOR HARDWARE OFOI

EXISTING DOOR INVENTORY

field verify all information in this chart

DOOR #	RM #	SIZE	DOOR TYPE (SEE A601)	MAT'L	FINISH	HAND	TRANSOM	NOTES
DEMO DOORS								
D1	333	3'-0"X7'-0"	B	SC	WHITE PAINT	LH	NO	EXIT DOOR
D2	333	3'-0"X7'-0"	B	SC	WHITE PAINT	LH	NO	EXIT DOOR. DOUBLE DOOR WITH D3
D3	333	3'-0"X7'-0"	B	SC	WHITE PAINT	RH	NO	EXIT DOOR. DOUBLE DOOR WITH D2
D4	331	3'-0"X7'-0"	A		WD STAIN	RH	NO	
D5	330N	3'-0"X7'-0"	C		WD STAIN	RH	YES	
D6	330M	3'-0"X7'-0"	C		WD STAIN	LH	YES	
D7	330L	3'-0"X7'-0"	C		WD STAIN	RH	YES	FLIP DOOR SWING ONLY
D8	330	3'-0"X7'-0"	A	SC	WD STAIN	RH	NO	
D9	330A	3'-0"X7'-0"	C		WD STAIN	LH	YES	
D10	330	3'-0"X7'-0"	A	SC	WD STAIN	RH	NO	
D11	333T	3'-0"X7'-0"	C	SC	WD STAIN	RH	YES	TRANSOM GLASS HAS ETCHED ACCENT DETAIL. IF RE-USED, REPLACE TRANSOM GLASS.
D12	333S	3'-0"X7'-0"	A	SC	WD STAIN	LH	NO	
D13	333H	3'-0"X7'-0"	A	SC	WD STAIN	RH	NO	

field verify all information in this chart

NEW DOOR AND RELITE SCHEDULE

NEW DOORS							
RM #	SIZE	DOOR TYPE (SEE A601)	MAT'L	FINISH	HAND	TRANSOM	NOTES
333T	3'-6"X7'-0"	B	SC	WHITE PAINT	LH	NO	REFURBISHED OFCI. CONTACT KEN STRAW FOR DETAILS (541.346.5406)
H340	3'-0"X7'-0"	B	SC	WHITE PAINT	LH	NO	EXIT ONLY DOOR
330A	3'-0"X7'-0"	D	GLASS	WD STAIN	RH	YES	
N2	3'-0"X7'-0"	D	GLASS	WD STAIN	RH	YES	
330L	3'-0"X7'-0"	C	SC	WD STAIN	LH	YES	REVERSE DOOR SWING ONLY
N3	3'-0"X7'-0"	C	SC	WD STAIN	RH	YES	
N4	3'-0"X7'-0"	C	SC	WD STAIN	LH	YES	
330N	3'-0"X7'-0"	A	SC	WD STAIN	LH	NO	
331A	3'-0"X7'-0"	C	SC	WD STAIN	RH	YES	

NEW WINDOWS				
RM #	SIZE	MAT'L	FINISH	NOTES
330B	MATCH EXISTING	GLASS	MATCH EXISTING	SAFETY GLASS
330F	MATCH EXISTING	GLASS	MATCH EXISTING	SAFETY GLASS
330G	MATCH EXISTING	GLASS	MATCH EXISTING	SAFETY GLASS
331A	MATCH EXISTING	GLASS	MATCH EXISTING	SAFETY GLASS
333T	WIDTH - LARGEST POSSIBLE. HEIGHT - ALIGN WITH TOP OF DOOR	GLASS	MATCH EXISTING	SAFETY GLASS
N2	SEE ELEVATION ON SHEET A401	GLASS	MATCH EXISTING	SAFETY GLASS



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PROJECT NO. 13006
DATE 05 AUGUST 2013

DRAWING TITLE
DOOR & WINDOW SCHEDULES

DRAWING NUMBER

A601

ROOM FINISH SCHEDULE

GWB = GYPSUM WALL BOARD RB = RESILIENT BASE PT = PAINT F = FACTORY FINISH U = UNFINISHED SC = SELF-COVE MDF = MEDIUM DENSITY FIBER BOARD					SG = SHEET GOOD CONC = CONCRETE PLY = PLYWOOD SHEATHING CT = CT TILE M = MARMOLEUM L = LAMINATE R = RUBBER BASE				
NOTE: PAINT ALL NEW WALLS PT-1, BLEND NEW PAINT WITH EXISTING WHERE REQUIRED									
RM #	ROOM NAME	FLOOR			CEILING			REMARKS	
		MAT'L	COLOR / FINISH	BASE	MAT'L	COLOR / FINISH	MOULDING		
333S	CUBICLES	NEW CT	C-1	B-1	ACT	NA	B-1		
333T	RECEPTION	NEW CT	C-1	B-1	ACT	NA	B-1		
331A	OFFICE	EXIST CT/ NEW CT	C-1	B-1	ACT	NA	B-1	SEE A103 FOR CARPET PATCH AND REPAIR AREAS	
330	ENCLOSED CUBICLES	EXIST CT/ NEW CT	C-1	B-1	ACT	NA	B-1		
330A	OFFICE	EXIST CT	NA	B-1	ACT	NA	B-1		
330B	OFFICE	EXIST CT	NA	B-1	ACT	NA	B-1		
330F	OFFICE	EXIST CT	NA	B-1	ACT	NA	B-1	PAINT WEST WALL PT-1	
330G	OFFICE	EXIST CT	NA	B-1	ACT	NA	B-1		
N2	CONFERENCE	EXIST CT	NA	B-1	ACT	NA	B-1	PAINT EAST WALL PT-2	
N3	OFFICE	EXIST CT	NA	B-1	ACT	NA	B-1		
N4	OFFICE	EXIST CT	NA	B-1	ACT	NA	B-1		
330L	OFFICE	NEW CT	C-1	B-1	ACT	NA	B-1	PAINT EAST WALL PT-2	
330N	OFFICE	EXIST CT/ NEW CT	C-1	B-1	ACT	NA	B-1	SEE A103 FOR CARPET PATCH AND REPAIR AREAS	
H340	HALLWAY	EXIST CT/ NEW CT	C-1	B-1	ACT	NA	B-1		

ALL-IN-ONE SCHEDULE

Symbol	Manuf.	Product	Color/Texture/Finish	Quantity	Description
FINISHES					
PT-1	TBD	Low-VOC interior latex paint	Eggshell (Match Benjamin Moore 2151-70 Powder Sand)	Verify	Wall and ceiling paint
PT-2	Idea Paint	Idea Paint CREATE	White	Verify	whiteboard paint
C-1	Interface FLOR	Architectural Plans; To Scale/Elevations; 14652	Color: 7765	265 s.f. new, + patching	Modular carpet tiles. Refer to floor plan for new carpet locations
L-1	Formica	8825-58	Platinum Drops in matte finish	Verify	Run linear pattern vertically
L-2	Formica	5882-58	Citadel Warp in Matte Finish	Verify	
RB-1	Roppe	Coved Rubber Base	Finish: Satin, Color: 123 Charcoal	Verify	Kitchenette base
B-1	Contractor	5 1/4" wood base	match existing	Verify	Profile and dimensions to match existing historic. See 4/A501 for detail
B-2	Contractor	1 3/4" wood moulding	match existing	Verify	Profile and dimensions to match existing historic. Refer to detail 2/A501.
KITCHENETTE					
Microwave	Panasonic	Full Size 1.6 Cu. Ft. 1250W Microwave Oven	White	1	(W) 21.9" X (H)12" X (D)19.4"
Paper Towel Dispenser					OFCI
Soap Dispencer					OFCI
Cabinet pulls	Hafele	2" Centers Edge Pull (HAF-59902)	Anodized Silver	Verify	Cabinet pulls for new casework
Kitchen sink	American Standard	7501.103.075, Culinaire 25-Inch self-rimming Single Bowl Kitchen Sink	Stainless Steel	1	
Faucet	Moen	7175 Series Single Handle High Arc Pull Out Kitchen Faucet	Stainless Steel	1	



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
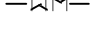









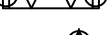











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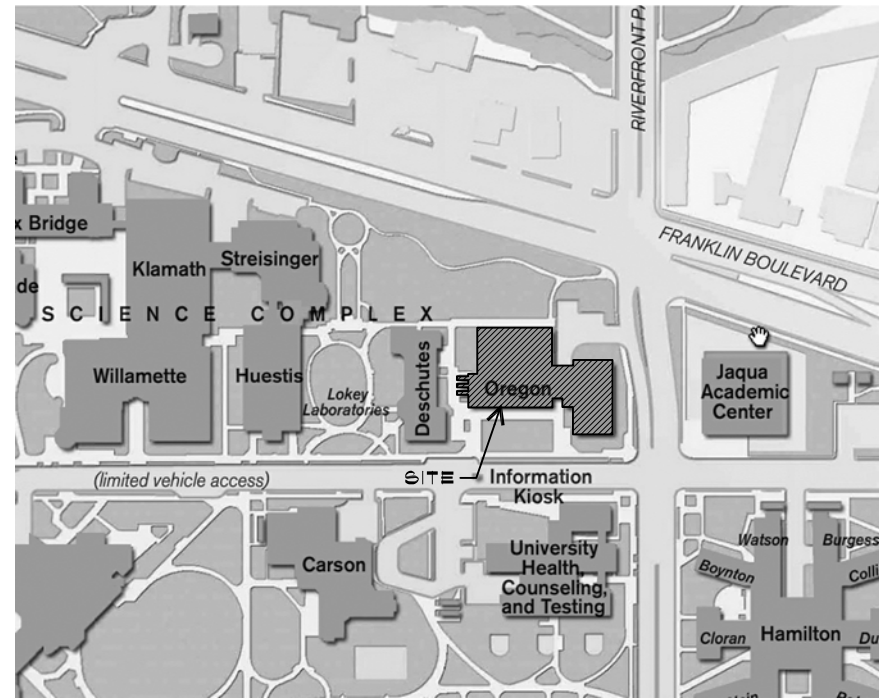
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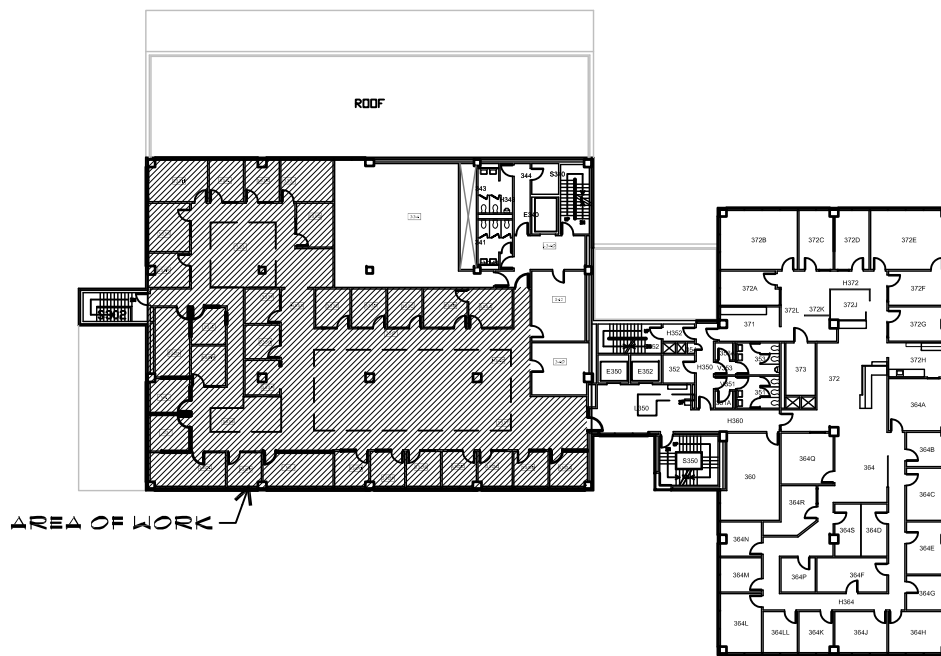
A602

ELECTRICAL LEGEND

-  DUPLEX RECEPTACLE
-  FOURPLEX
-  NETWORK FACEPLATE
-  JUNCTION BOX
-  SURFACE RACEWAY
-  MAGNETIC DOOR HOLDER
-  SINGLE POLE SWITCH
-  THREE WAY SWITCH
-  BRANCH CIRCUIT PANEL BOARD
-  EXISTING TO REMAIN
-  NOTE REFERENCE
-  RECESSED RELOCATED FLUORESCENT LIGHT FIXTURE
-  RECESSED RELOCATED FLUORESCENT LIGHT FIXTURE ON EMERGENCY CIRCUIT
-  EXISTING 2X4 FIXTURE TO REMAIN AT EXISTING LOCATION
-  EMERGENCY EXIT SIGN
-  WIRE MOLD 4000 OUTLETS AS INDICATED
-  AIR CONDITIONER OUTLET
-  OVERHEAD PROJECTOR
-  FAN & SWITCH
-  CEILING MOUNTED OCCUPANCY SENSOR
-  WALL MOUNTED OCCUPANCY SENSOR
-  (N) WALL WASHER
-  SPRINKLER
-  SPRINKLER BELL
-  (RL) RELOCATE
-  (NL) NEW LOCATION
-  (E) EXISTING TO REMAIN
-  (R) REMOVE
-  (N) CEILING FAN



VICINITY MAP
EUGENE, OREGON



KEY PLAN

SCALE: 1" = 50'0"



GENERAL NOTES

1. COMPLY WITH ALL CODES, ORDINANCES, AND GOVERNMENT AGENCIES.
2. ALL CONSTRUCTION IS TO COMPLY WITH THE 2010 OREGON STRUCTURAL SPECIALTY CODE, AS AMENDED BY THE STATE OF OREGON.
3. DIMENSIONS ARE TO FACE OF FINISH OR CASEWORK, UNLESS NOTED OTHERWISE.
4. VERIFY AND COORDINATE WITH PLUMBING, MECHANICAL, AND ELECTRICAL.
5. DO NOT SCALE DRAWINGS. CONTRACTOR SHALL RELY ON WRITTEN DIMENSIONS AS GIVEN. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT FOR CLARIFICATIONS. ALL DIMENSIONS SHALL BE FIELD VERIFIED BY CONTRACTOR & COORDINATED W/ THE WORK OR TRADES. IF DISCREPANCIES ARE FOUND, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT BEFORE THE COMMENCEMENT OR RESUMPTION OF WORK.
6. IF THE CONTRACTOR DISCOVERS AT ANY TIME THAT REQUIREMENTS OF THIS CONTRACT CONFLICT W/ OR ARE IN VIOLATION OF APPLICABLE LAWS, CODES, REGULATIONS & ORDINANCES, HE SHALL NOT PROCEED W/ WORK IN QUESTION UNTIL ARCHITECT HAS BEEN NOTIFIED IN WRITING & WRITTEN DETERMINATION IS MADE BY THE ARCHITECT. WHERE COMPLETED OR PARTIALLY COMPLETED WORK IS FOUND TO BE IN VIOLATION W/ APPLICABLE LAWS, CODES, REGULATIONS OR ORDINANCES, CONTRACTOR SHALL BE REQUIRED TO REMOVE THAT WORK FROM THE PROJECT & REPLACE SUCH WORK W/ ALL NEW COMPLYING WORK AT NO ADDITIONAL COST TO THE OWNER OR ARCHITECT.
7. CONTRACTOR SHALL PROVIDE & INSTALL STIFFENERS, BRACING, BACK-UP PLATES & SUPPORTING BRACKETS REQUIRED FOR THE INSTALLATION OF FLOOR-MOUNTED OR SUSPENDED MECHANICAL & ELECTRICAL EQUIPMENT.
8. CONTRACTOR SHALL VERIFY THE LOCATIONS OF EXISTING UTILITIES BELOW FLOOR LEVEL & RELATED SERVICE CONNECTIONS W/ THE RESPECTIVE UTILITY COMPANIES.
9. SHOP DRAWINGS SHALL BE SUBMITTED FOR EQUIPMENT & MATERIALS WHICH MUST INTERFACE & COORDINATE W/ OTHERS, WHETHER DETAILED OR NOT.
10. PATCH AND REPAIR STRUCTURE, FRAMING, AND FINISHES AFFECTED BY CONSTRUCTION.
11. ALL UNFINISHED FACES AND EDGES, WHETHER EXPOSED OR NOT, OF ALL CASEWORK, COUNTERTOPS, SHELVING, SYSTEMS FURNITURE, ETC. SHALL BE SEALED WITH SAFECOAT SAFE SEAL PARTICLE BOARD AND PLYWOOD SEALER.
12. NETWORK DROPS TO BE PROVIDED BY OWNER. CONTRACTOR TO COORDINATE W/ OWNER.



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




REVISIONS		
SYM	DATE	REFERENCE

PROJECT NO. 13006
DATE 05 AUGUST 2013
DRAWING TITLE
TITLE SHEET
DRAWING NUMBER
E001

ALTERNATE #1 NOTES

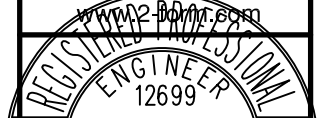
1. ALTERNATE #1:
REMOVE CEILING GRID AND ACT IN THE ENTIRE PROJECT AREA. REMOVE ALL LIGHT FIXTURES AND REINSTALL AT LOCATIONS SHOWN
2. UNDER ALTERNATE BID RE-SUPPORT EXISTING BRANCH CIRCUIT CONDUIT AND LOW VOLTAGE WIRING AS REQUIRED. NEW CONDUIT AND CABLE SUPPORT DEVICES SHALL BE INDEPENDENT OF NEW CEILING SUPPORT SYSTEM
3. EXTEND EXISTING LIGHTING CIRCUITS TO NEW FIXTURES LOCATION. REVISE LIGHTING CONTROLS PER KEYED NOTES

LIGHTING DEMO LEGEND

-  (E) 2X4 RECESSED TROFFER W/ AIR SUPPLY TO REMAIN AT CURRENT LOCATION UNDER BASE BID. UNDER ALTERNATE BID FIXTURE WILL BE REMOVED AND REINSTALLED
-  2X4 RECESSED TROFFER W/ AIR SUPPLY TO BE REMOVED, SALVAGED AND STORED. REPLACED WITH ACT. FIXTURES WILL BE REINSTALLED IN NEW LOCATION WHERE INDICATED ON E104 AND E105.
-  (E) SKYLIGHT
-  SPRINKLER HEAD
-  (RL) RELOCATE EMERGENCY EXIT SIGN. SALVAGE FOR RE-USE WHEN POSSIBLE
-  (E) EXISTING TO REMAIN EMERGENCY EXIT SIGN



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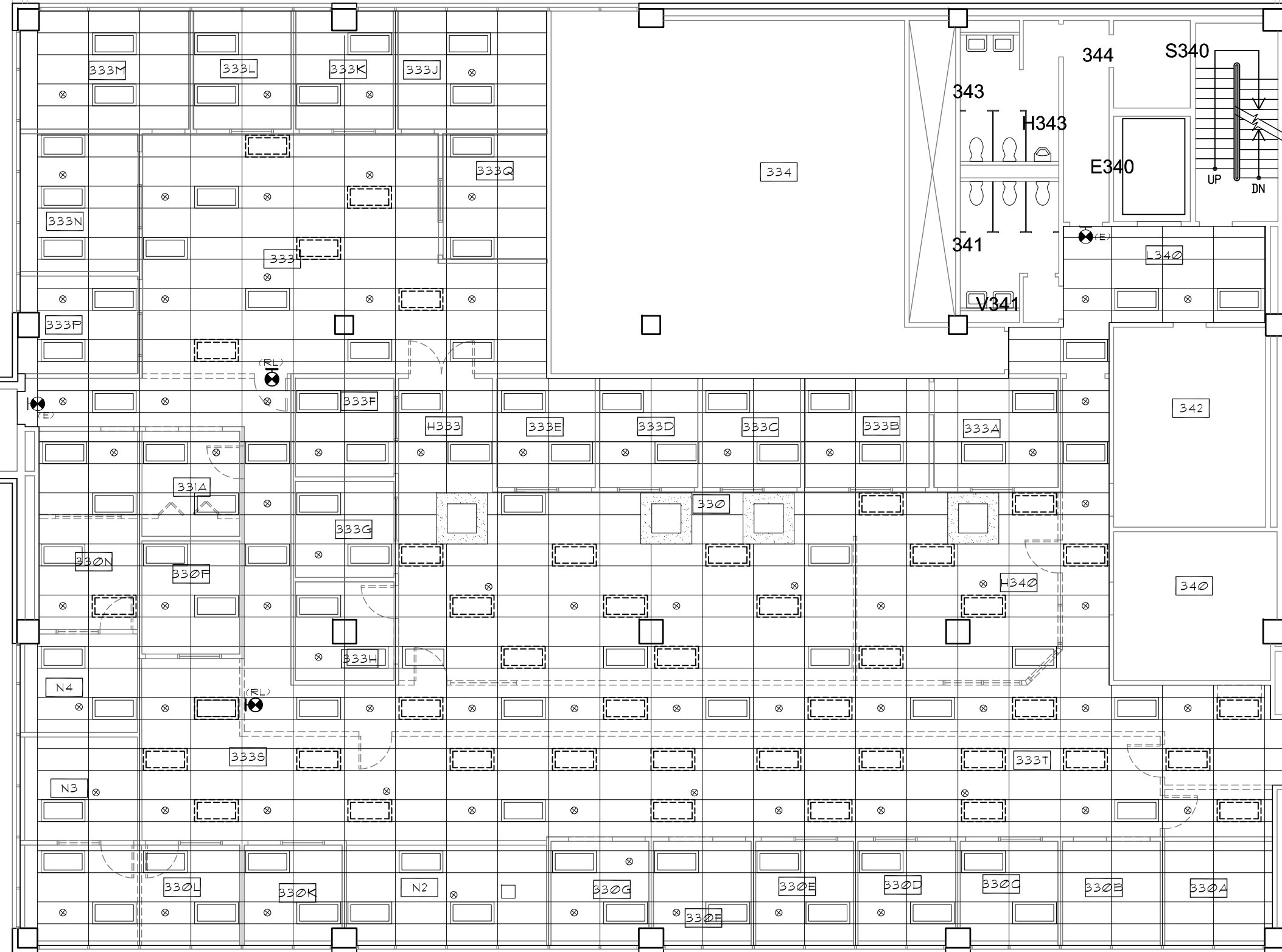
PROJECT NO. 13006

DATE 05 AUGUST 2013

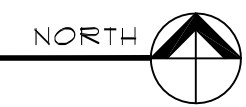
DRAWING TITLE
LIGHTING DEMO PLAN

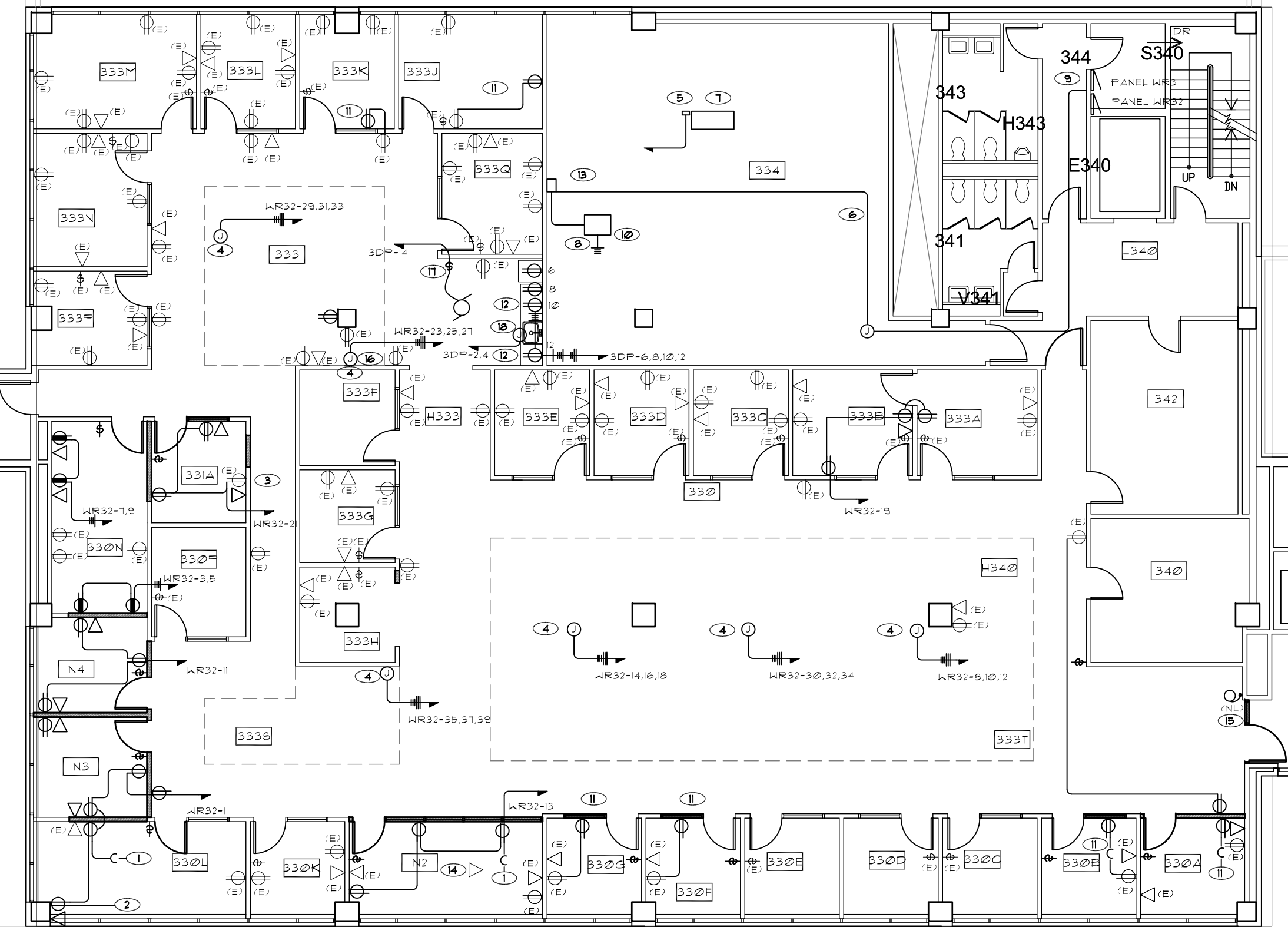
DRAWING NUMBER

E102



1 LIGHTING DEMO PLAN - BASE BID
SCALE 3/32" = 1'-0"





ELECTRICAL KEYED NOTES

- 1 RECONNECT EXISTING ROOM RECEPTACLE CIRCUIT TO NEW RECEPTABLES
- 2 RUN WIREMOLD 4000 ON COLUMN TO TO NEW POWER AND DATA OUTLETS
- 3 FISH RECEPTACLE BRANCH CIRCUIT IN EXISTING WALL
- 4 PROVIDE ELECTRICAL CONNECTION TO NEW LANDSCAPE PARTITION SYSTEM FROM NEW POWER POLE. COORDINATE LOCATIONS WITH ENVIRONMENTS. SEE GOOI FOR CONTACT INFORMATION
- 5 REFEED EXISTING DDC PANEL FROM NEW PANELBOARD.
- 6 225 AMP FEEDER TO NEW PANEL WR3
- 7 EXISTING MOTOR CONTROL CENTER. USE SPARE BUCKET TO SERVE NEW TRANSFORMER.
- 8 GROUND TRANSFORMER TO BUILDING STEEL.
- 9 INSTALL SECOND 120/208V PANEL BOARD WR32 AND FEED BOTH WR3 AND WR32 FROM NEW DRY TYPE TRANSFORMER
- 10 NEW 75 KVA 480: 208Y/120V DRY TYPE TRANSFORMER
- 11 CONNECT TO EXISTING ROOM RECEPTACLE CIRCUIT
- 12 GFCI OUTLET, REFER TO ELEVATION 1/A402 FOR ELECTRICAL OUTLET LOCATIONS.
- 13 NEW 225 AMP MAIN BREAKER PANEL.
- 14 PROVIDE DATA IN CEILING FOR OFOI PROJECTOR
- 15 NEW LOCATION FOR SPRINKLER MONITORING SYSTEM AUDIBLE DEVICE. EXTEND EXISTING CIRCUIT AS REQUIRED.
- 16 PROVIDE ELECTRICAL CONNECTION TO NEW LANDSCAPE PARTITION SYSTEM FROM NEW FLUSH WALL BOX
- 17 (N) TIMER SWITCH FOR (N) CEILING FAN. SEE MECHANICAL SPECIFICATIONS FOR DETAILS.
- 18 JUNCTION BOX FOR UNDER SINK ELECTRIC, TANKLESS WATER HEATER. SEE MECHANICAL SPECS FOR DETAILS

1 PROPOSED ELECTRICAL PLAN

SCALE 3/32" = 1'-0"

ELECTRICAL LEGEND

- INTERIOR ELEVATION REFERENCE
- CABLE
- (N) CEILING FAN
- (E) EXISTING TO REMAIN
- 110 V DUPLEX
- OUTLINE OF FURNITURE AND WORKSTATIONS. REFER TO A104 FOR LAYOUT

ELECTRICAL DEMO NOTES

1. IN ROOMS W/ (N) WORK BEING PERFORMED, OLD LOW VOLTAGE WIRING TO BE REPLACED W/ PLENUM-RATED CABLE.



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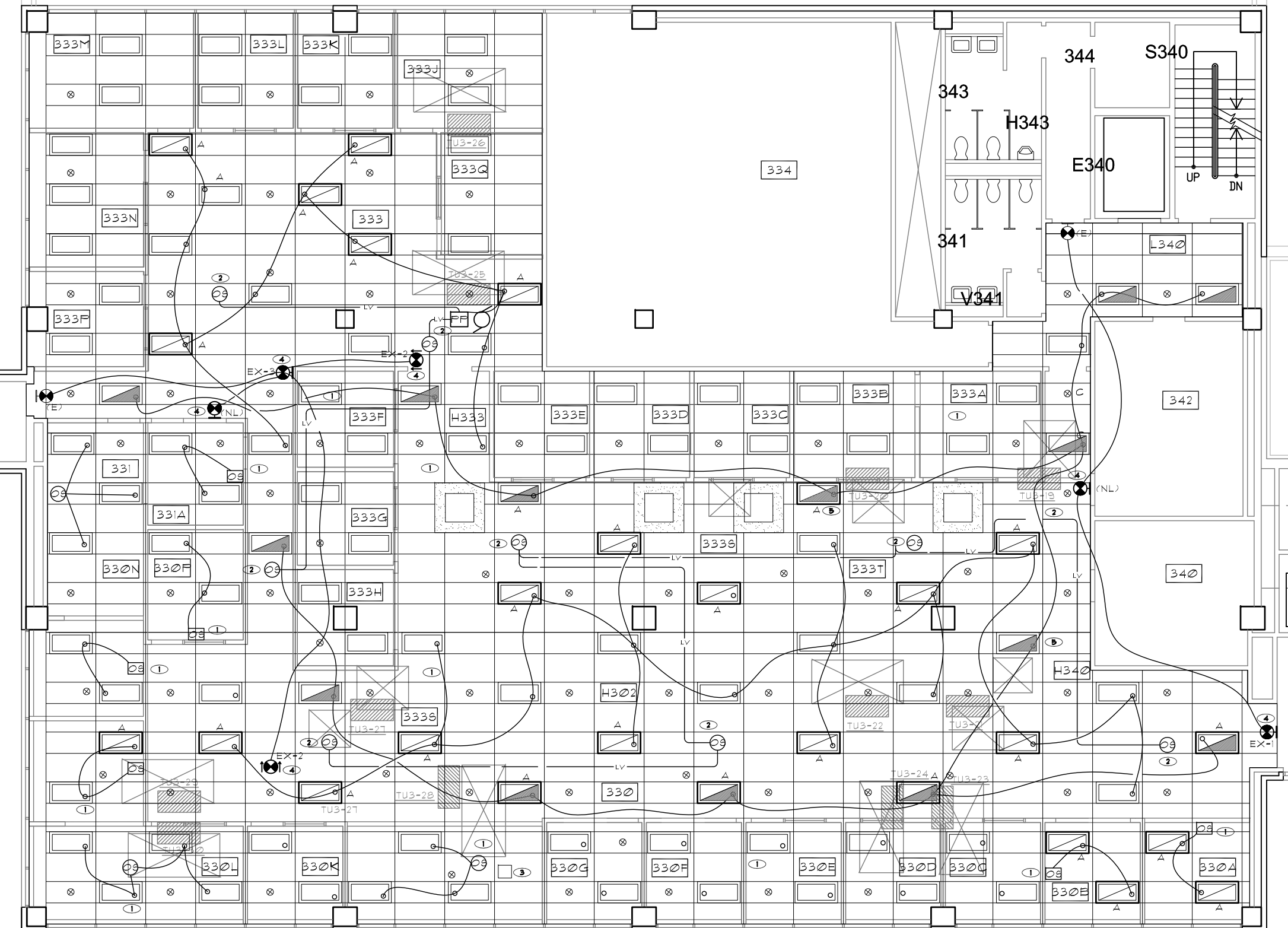
PROJECT NO. 13006

DATE 05 AUGUST 2013

DRAWING TITLE
ELECTRICAL PLAN

DRAWING NUMBER









E103



GENERAL NOTES

1. SEE E105 FOR LIGHTING PLAN ALTERNATE #1.
2. INSTALL (N) CEILING TILES, SALVAGED WHEN POSSIBLE, WHERE LIGHT FIXTURES WERE REMOVED.
3. FIRE ALARM SYSTEM TO MEET REQUIREMENTS OF NFPA 72 WHERE REQUIRED. SPRINKLER CONTRACTOR TO ADVISE IF AND WHERE (N) SPRINKLERS ARE TO BE INSTALLED AND VERIFY LOCATIONS FOR (E) SPRINKLERS. NEW FIRE ALARM ANNUNCIATION DEVICES TO BE DESIGN-BUILD AND INSTALLED BY OTHERS UNDER SEPARATE CONTRACT WITH OWNER.
4. IN ROOMS W/ (N) WORK BEING PERFORMED, OLD LOW VOLTAGE WIRING TO BE REPLACED W/ PLENUM-RATED CABLE.


LIGHTING PLAN LEGEND

-  (E) 2X4 RECESSED TROFFER W/ AIR SUPPLY
-  (E) FIXTURE, NEW LOCATION- 2X4 RECESSED TROFFER W/ AIR SUPPLY
-  (E) FIXTURE, NEW LOCATION- 2X4 RECESSED TROFFER ON EMERGENCY CIRCUIT W/ AIR SUPPLY
-  (E) SKYLIGHT
-  SPRINKLER HEAD
-  EMERGENCY EXIT SIGN, EXISTING TO REMAIN.
-  EMERGENCY EXIT SIGN, NEW. SALVAGE DEMOED FIXTURES WHEN POSSIBLE. SEE SCHEDULE ON E101
-  (N) CEILING FAN

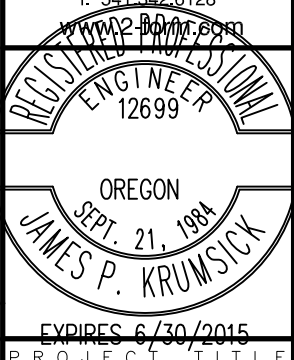
1 PROPOSED LIGHTING PLAN - BASE BID
SCALE 3/32" = 1'-0"

LIGHTING PLAN KEYED NOTES

- 1** PROVIDE NEW LINE VOLTAGE OCCUPANCY SENSOR CONTROL OF ROOM LIGHTING
- 2** CONTROL OPEN OFFICE LIGHTING CIRCUIT FROM NEW POWER PACK AND LOW VOLTAGE OCCUPANCY SENSORS
- 3** NOT USED
- 4** EXTEND EXIT SIGN CIRCUIT TO NEW EXIT SIGNS
- 5** EXTEND EMERGENCY CIRCUIT TO NEW EGRESS LIGHT FIXTURES



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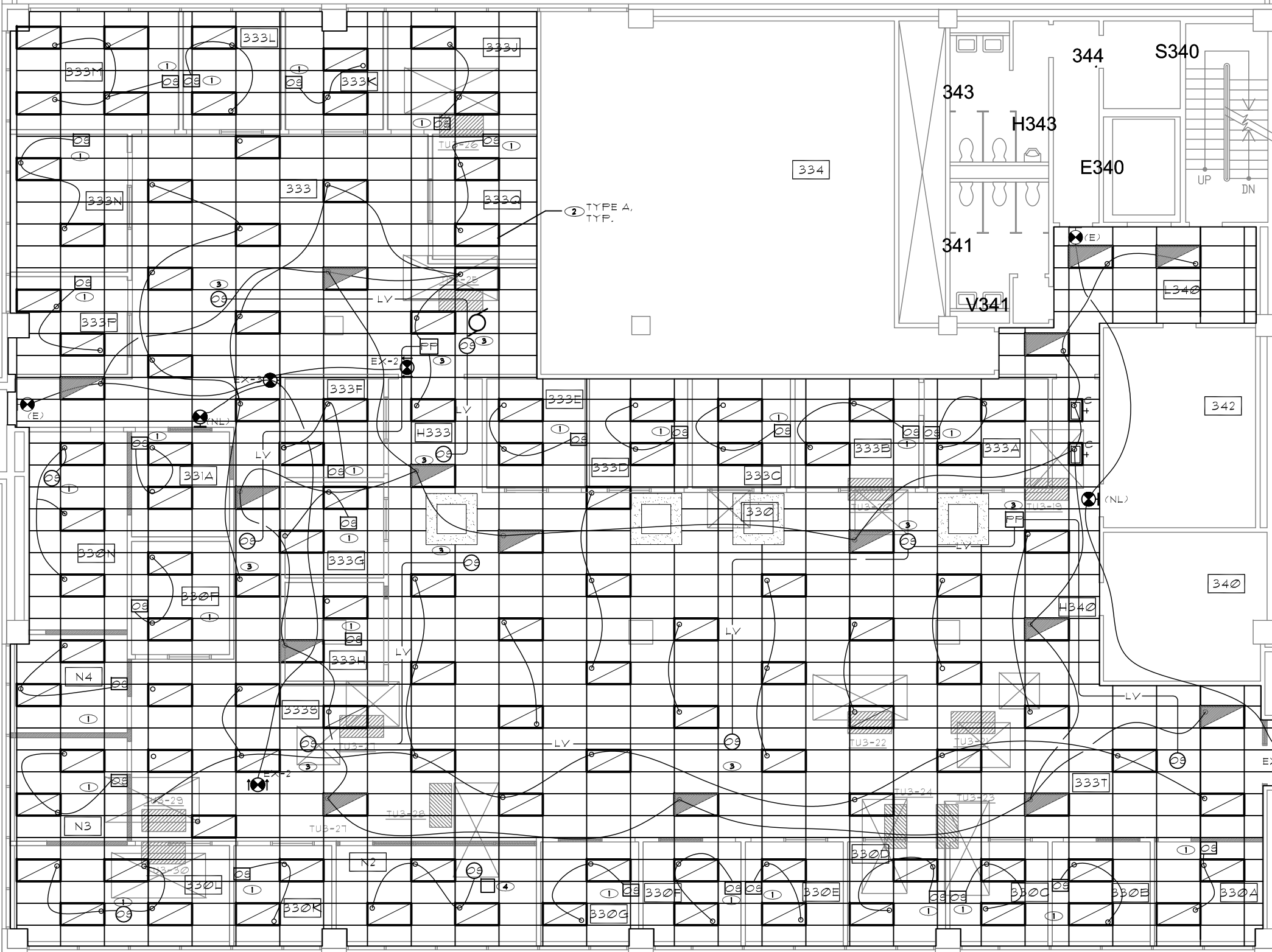
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SEPT. 21, 1984
JAMES P. KRUMSICK
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REVISIONS		
SYM	DATE	REFERENCE

PROJECT NO.	13006
DATE	05 AUGUST 2013
DRAWING TITLE	LIGHTING PLAN
DRAWING NUMBER	E104



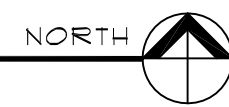
ALTERNATE #1 NOTES

1. ALTERNATE #1: REMOVE CEILING GRID AND ACT IN THE ENTIRE PROJECT AREA. REMOVE ALL LIGHT FIXTURES AND REINSTALL AT LOCATIONS SHOWN
2. UNDER ALTERNATE BID RE-SUPPORT EXISTING BRANCH CIRCUIT CONDUIT AND LOW VOLTAGE WIRING AS REQUIRED. NEW CONDUIT AND CABLE SUPPORT DEVICES SHALL BE INDEPENDENT OF NEW CEILING SUPPORT SYSTEM
3. EXTEND EXISTING LIGHTING CIRCUITS TO NEW FIXTURES LOCATION. REVISE LIGHTING CONTROLS PER KEYED NOTES
4. IN ROOMS W/ (N) WORK BEING PERFORMED, OLD LOW VOLTAGE WIRING TO BE REPLACED W/ PLENUM-RATED CABLE.

ALTERNATE #1 LIGHTING PLAN LEGEND

- (E) FIXTURE, NEW LOCATION- 2X4 RECESSED TROFFER W/ AIR SUPPLY
- (E) FIXTURE, NEW LOCATION- 2X4 RECESSED TROFFER ON EMERGENCY CIRCUIT W/ AIR SUPPLY
- (E) SKYLIGHT
- SPRINKLER HEAD
- (N) WALL WASHER
- TERMINAL UNIT
- MECHANICAL ACCESS PANEL
- (E) EMERGENCY EXIT SIGN, EXISTING TO REMAIN.
- (EX-X) EMERGENCY EXIT SIGN, NEW. SALVAGE DEMOED FIXTURES WHEN POSSIBLE.
- (N) CEILING FAN

1 PROPOSED LIGHTING PLAN - ALTERNATE #1
SCALE 3/32" = 1'-0"



LIGHTING PLAN KEYED NOTES

- 1** PROVIDE NEW LINE VOLTAGE OCCUPANCY SENSOR CONTROL OF ROOM LIGHTING
- 2** NEW LOCATION OF EXISTING 2X4 RECESSED FLUORESCENT FIXTURE
- 3** CONTROL OPEN OFFICE LIGHTING CIRCUIT FROM NEW POWER PACK AND LOW VOLTAGE OCCUPANCY SENSORS.
- 4** EXTEND EXIT SIGN CIRCUIT TO NEW EXIT SIGNS
- 5** EXTEND EMERGENCY CIRCUIT TO NEW EGRESS LIGHT FIXTURES



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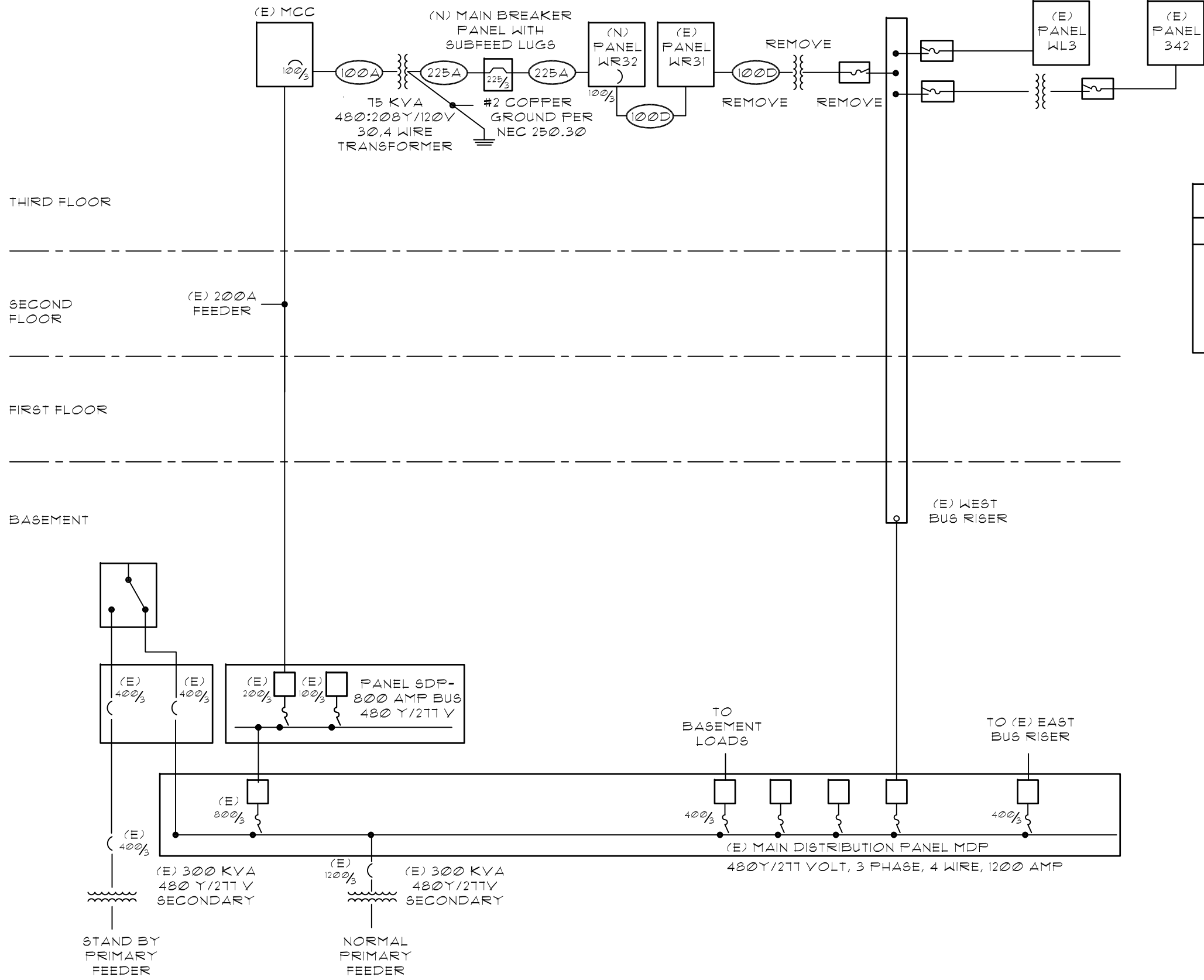
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REVISIONS		
SYM	DATE	REFERENCE

PROJECT NO.	13006
DATE	05 AUGUST 2013
DRAWING TITLE	LIGHTING PLAN ALTERNATE #1
DRAWING NUMBER	E105

E105



FEEDER SCHEDULE		
TYPE	CONDUIT	CONDUCTORS
100A	1 1/4"	3#2
100D	1 1/4"	4#2
225A	2"	4#4/0

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SYM	DATE	REFERENCE

PROJECT NO. 13006
DATE 05 AUGUST 2013
DRAWING TITLE **ONE LINE DIAGRAM**
DRAWING NUMBER

E106



PANEL SCHEDULE

DATE: August 5, 2013
PROJECT:

PANEL: 3DP
VOLTS: 120/208
LOCATION: 3rd Floor West Mechanical Room
MOUNTING: Surface
NOTES: Provide feed through lugs for Panel WR32

TYPE: AMPS: 225
PHASE: 3 WIRE: 4
MAIN: Breaker

LOAD CLASS	Conn. VA	Demand Factor	Demand Load VA
LIGHTING	0	125%	0
OUTLETS	6500	*	6500
MOTOR LOADS	0	**	0
RESISTANCE LOADS	4800	100%	4800
SUBFEED	0	100%	0
MISC. LOADS	41520	100%	41520

	Connected	Demand
TOTAL VOLT-AMPS	52,820	52,820
MAXIMUM PHASE AMPS	155.7	155.7

BREAKER A	P	DESCRIPTION	WATTS	CIR. NO.	PHASE	CIR. NO.	WATTS	DESCRIPTION	BREAKER P	A
20	1	DDC Panel	500	1	A	2	2400	Water Heater	2	30
20	1	Spare		3	B	4	2400			
20	1	Spare		5	C	6	1500	Kitchen Receptacles	1	20
20	1	Spare		7	A	8	1500	Kitchen Receptacles	1	20
20	1	Spare		9	B	10	1500	Kitchen Receptacles	1	20
		Space		11	C	12	1500	Kitchen Receptacles	1	20
		Space		13	A	14		Space		
		Space		15	B	16		Space		
		Space		17	C	18		Space		
		Space		19	A	20		Space		
		Space		21	B	22		Space		
		Space		23	C	24		Space		
		Space		25	A	26		Space		
		Space		27	B	28		Space		
		Space		29	C	30		Space		
				31	A	32	14280	Panel WR32 Subfeed		
				33	B	34	14400			
				35	C	36	12840			
				37	A	38				
				39	B	40				
				41	C	42				

PHASE TOTALS	Connected VA	A	B	C	* 10kVA at 100%, remainder at 50%
	18680	18680	18300	15840	** 100% plus 25% of the largest Motor
	Demand VA	18680	18300	15840	
	Connected Amps	155.7	152.5	132.0	
	Demand Amps	155.7	152.5	132.0	

PANEL SCHEDULE

DATE: August 5, 2013
PROJECT:

PANEL: WR32
VOLTS: 120/208
LOCATION: 3rd Floor West Electrical Room
MOUNTING: Flush
NOTES:

TYPE: AMPS: 225
PHASE: 3 WIRE: 4
MAIN: Lugs


LOAD CLASS	Conn. VA	Demand Factor	Demand Load VA
LIGHTING	0	125%	0
OUTLETS	41520	*	25760
MOTOR LOADS	0	**	0
RESISTANCE LOADS	0	100%	0
SUBFEED	0	100%	0
MISC. LOADS	0	100%	0

	Connected	Demand
TOTAL VOLT-AMPS	41,520	25,760
MAXIMUM PHASE AMPS	120.0	74.5

BREAKER A	P	DESCRIPTION	WATTS	CIR. NO.	PHASE	CIR. NO.	WATTS	DESCRIPTION	BREAKER P	A
20	1	Office Receptacles	900	1	A	2	720	Landscape Partition	1	20
20	1	Copier / Kitchen Receptacles	1200	3	B	4	720	Landscape Partition	1	20
20	1	Copier / Kitchen Receptacles	1200	5	C	6	720	Landscape Partition	1	20
20	1	Copier / Kitchen Receptacles	1200	7	A	8	720	Landscape Partition	1	20
20	1	Copier / Kitchen Receptacles	1200	9	B	10	720	Landscape Partition	1	20
20	1	Office Receptacles	720	11	C	12	720	Landscape Partition	1	20
20	1	Office Receptacles	720	13	A	14	720	Landscape Partition	1	20
20	1	Office Receptacles	1080	15	B	16	720	Landscape Partition	1	20
20	1	Office Receptacles	900	17	C	18	720	Landscape Partition	1	20
20	1	Office Receptacles	1080	19	A	20	720	Landscape Partition	1	20
20	1	Office Receptacles	540	21	B	22	720	Landscape Partition	1	20
20	1	Landscape Partition	720	23	C	24	720	Landscape Partition	1	20
20	1	Landscape Partition	720	23	A	26	360	Break Room Receptacles	1	20
20	1	Landscape Partition	720	23	B	28	360	Break Room Receptacles	1	20
20	1	Landscape Partition	720	23	C	30	720	Landscape Partition	1	20
20	1	Landscape Partition	720	23	A	32	720	Landscape Partition	1	20
20	1	Landscape Partition	720	23	B	34	720	Landscape Partition	1	20
20	1	Landscape Partition	720	23	C	36		Spare	1	20
20	1	Landscape Partition	720	23	A	38	4260	Panel WR31	3	100
20	1	Landscape Partition	720	23	B	40	4260			
20	1	Spare		41	C	42	4260			

PHASE TOTALS	Connected VA	A	B	C	* 10kVA at 100%, remainder at 50%
	14280	14280	14400	12840	** 100% plus 25% of the largest Motor
	Demand VA	8860	8934	7966	
	Connected Amps	119.0	120.0	107.0	
	Demand Amps	73.8	74.5	66.4	

Type	Description	Manufacturer Part Number	Lamps	Mounting
A	Relocated Air Handling 2 x 4 Troffer	Existing	2 F32 T8	Recessed
C	Recessed 1 x2 Fluorescent Wall Wash Fixture	Lithonia WW G 217 277 IRLS GEB 10 PS	2 F17 T8	Recessed
EX1	Exit Sign Single Face Back Mounted, 277V, Green Letters, Brushed aluminum Finish	Lithonia LES 1G 120/277 Series; Cooper TPX Series	LED	Surface Mount Above Door
EX2	Exit Sign Double Face Ceiling Mount, 277V, Green Letters, Brushed aluminum Finish	Lithonia LES 2G 120/277 Series; Cooper TPX Series	LED	Ceiling Mounted
EX3	Exit Sign Double Face End Mount, 277V, Green Letters, Brushed aluminum Finish	Lithonia LES 2G 120/277 Series; Cooper TPX Series	LED	End Mounted High on Wall



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SYM	DATE	REFERENCE

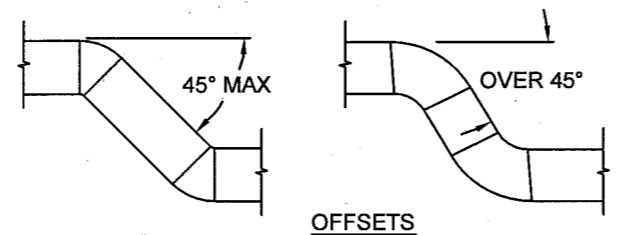
PROJECT NO. 13006
DATE 05 AUGUST 2013

DRAWING TITLE
PANEL SCHEDULE

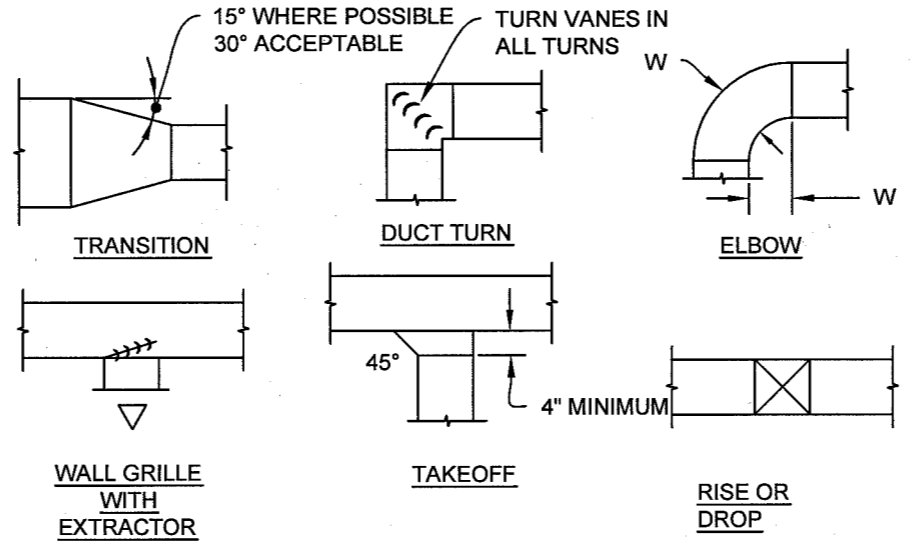
DRAWING NUMBER
E107

LEGEND

- (E) EXISTING
- OFOI OWNER FURNISHED OWNER INSTALLED
- 200 EGC-1
8X12-4W CFM, GRILLE & SIZE DESIGNATION
- NEW DUCTWORK
- EXISTING DUCTWORK
- SA SUPPLY AIR DUCTWORK
- RA RETURN AIR
- EA EXHAUST AIR DUCTWORK
- TU-1 THERMOSTAT WITH UNIT NUMBER
- BALANCING, BAROMETRIC DAMPER
- SWITCH
- TU TERMINAL UNIT
- TDC TROFFER DIFFUSER CEILING
- SDC SUPPLY DIFFUSER CEILING
- LDC LINEAR DIFFUSER CEILING
- RGC RETURN GRILLE CEILING
- AFF ABOVE FINISHED FLOOR
- OFOI OWNER FURNISHED, OWNER INSTALLED
- OFCI OWNER FURNISHED, CONTRACTOR INSTALLED
- PIPE DOWN, PIPE UP
- SOV SHUT OFF VALVE
- CO CLEANOUT
- WCO WALL CLEANOUT
- W WASTE PIPING
- V VENT PIPING
- CW COLD WATER PIPING



OFFSETS



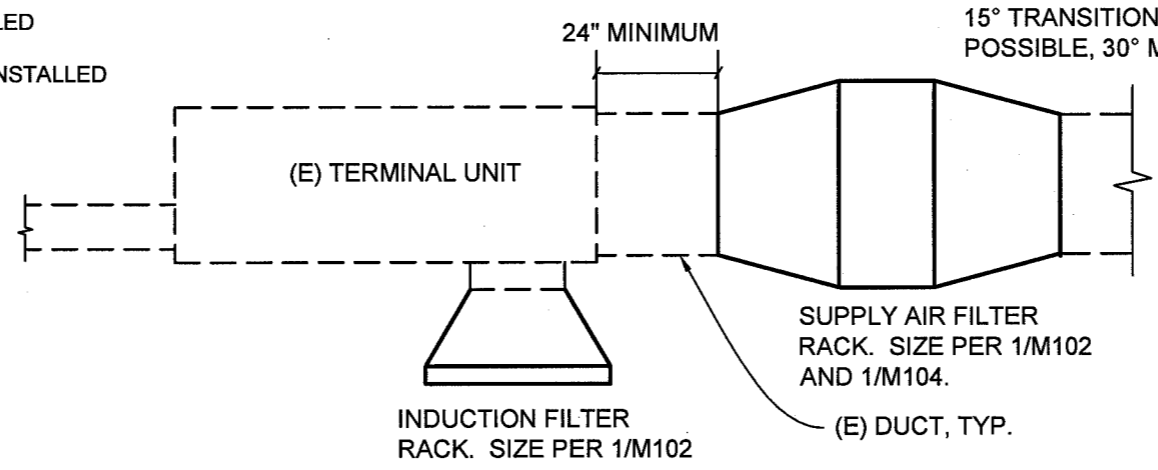
REFER TO SMACNA STANDARDS.

2 DUCT CONSTRUCTION DETAIL

NO SCALE

TERMINAL UNIT SCHEDULE

CODE	(E) SIZE	CFM		# OF DIFFUSERS
		MAX	MIN	
TU3-19	8"	800	400	8 TDC/SDC
TU3-20	10"	1000	500	8 TDC
TU3-21	10"	1000	500	10 TDC
TU3-22	10"	1000	500	9 TDC
TU3-23	10"	1200	600	8 LDC
TU3-24	12"	1200	600	8 LDC
TU3-25	10"	1200	600	10 TDC/SDC
TU3-26	10"	1120	560	8 TDC/SDC
TU3-27	10"	1100	550	11 TDC
TU3-28	10"	720	360	4 LDC
TU3-29	8"	660	330	4 LDC
TU3-30	8"	520	260	4 LDC



1 TERMINAL UNIT DETAIL - ALT. #2

NO SCALE

RELOCATE (E) SUPPLY AIR DUCT TAPS TO DOWNSTREAM OF NEW FILTER. SEE 1/M102 FOR LOCATIONS.

RELOCATE DUCTS, EQUIPMENT, AND PIPING AS NECESSARY TO ALLOW MINIMUM 30" ACCESS FOR FILTER REMOVAL.

MAINTAIN ACCESS TO TERMINAL UNIT AND COIL CONTROLS.

PROVIDE ENGRAVED TAG AT CEILING TILE NEAR ACCESS POINTS FOR FILTER MAINTENANCE.

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REGISTERED PROFESSIONAL ENGINEER
CHRIS B. MOULDS

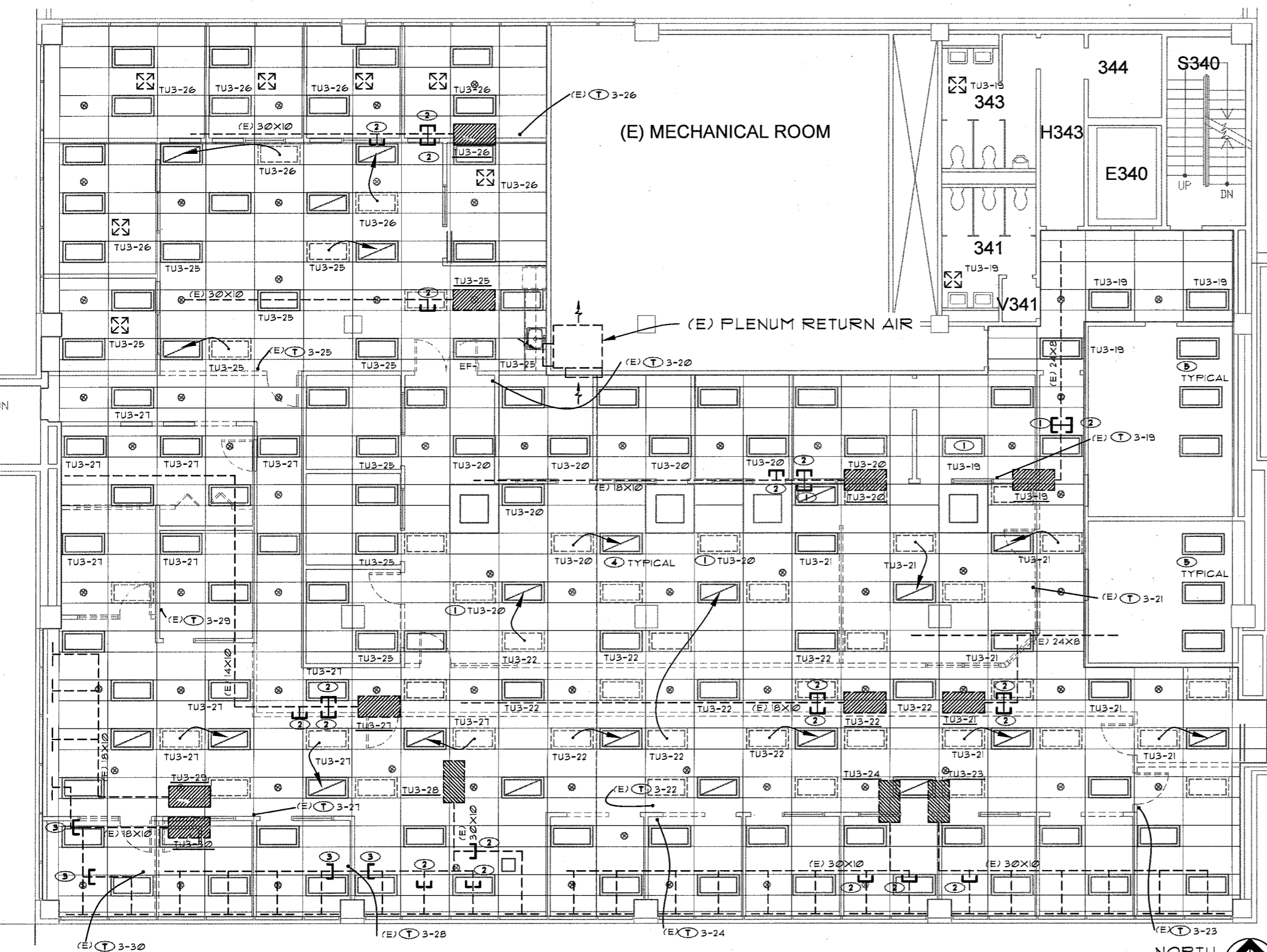
PROJECT TITLE

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UNIVERSITY OF OREGON
1585 E. 13TH EUGENE OREGON

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REVISIONS		
SYM	DATE	REFERENCE

PROJECT NO.	13006
DATE	05 AUGUST 2013
DRAWING TITLE	HVAC LEGEND
DRAWING NUMBER	M001



HVAC PLAN KEYED NOTES

- ① CAP AND REMOVE DUCT FROM UNUSED TU.
- ② ALT. #2: CAP DUCT FOR RELOCATION TO ACCOMMODATE FILTER INSTALLATION. SEE M102.
- ③ CAP DUCT FOR RELOCATION. SEE M102.
- ④ ARROWS SHOW NEW LOCATION OF EXISTING TDC. SEE M102
- ⑤ (E) TDC NO CHANGE.

1 HVAC PLAN EXISTING/DEMO - BASE BID
SCALE 3/32" = 1'-0"

GENERAL NOTES

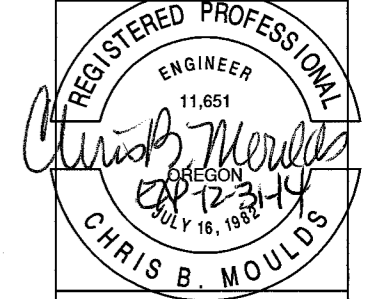
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HVAC PLAN LEGEND

- (E) LOCATON OF FIXTURE
- (E) 2X4 RECESSED TROFFER/TDC TO REMAIN
- (E) FIXTURE, NEW LOCATION- 2X4 RECESSED TROFFER/TDC
- (E) SKYLIGHT
- (E) SPRINKLER HEAD



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PROJECT TITLE

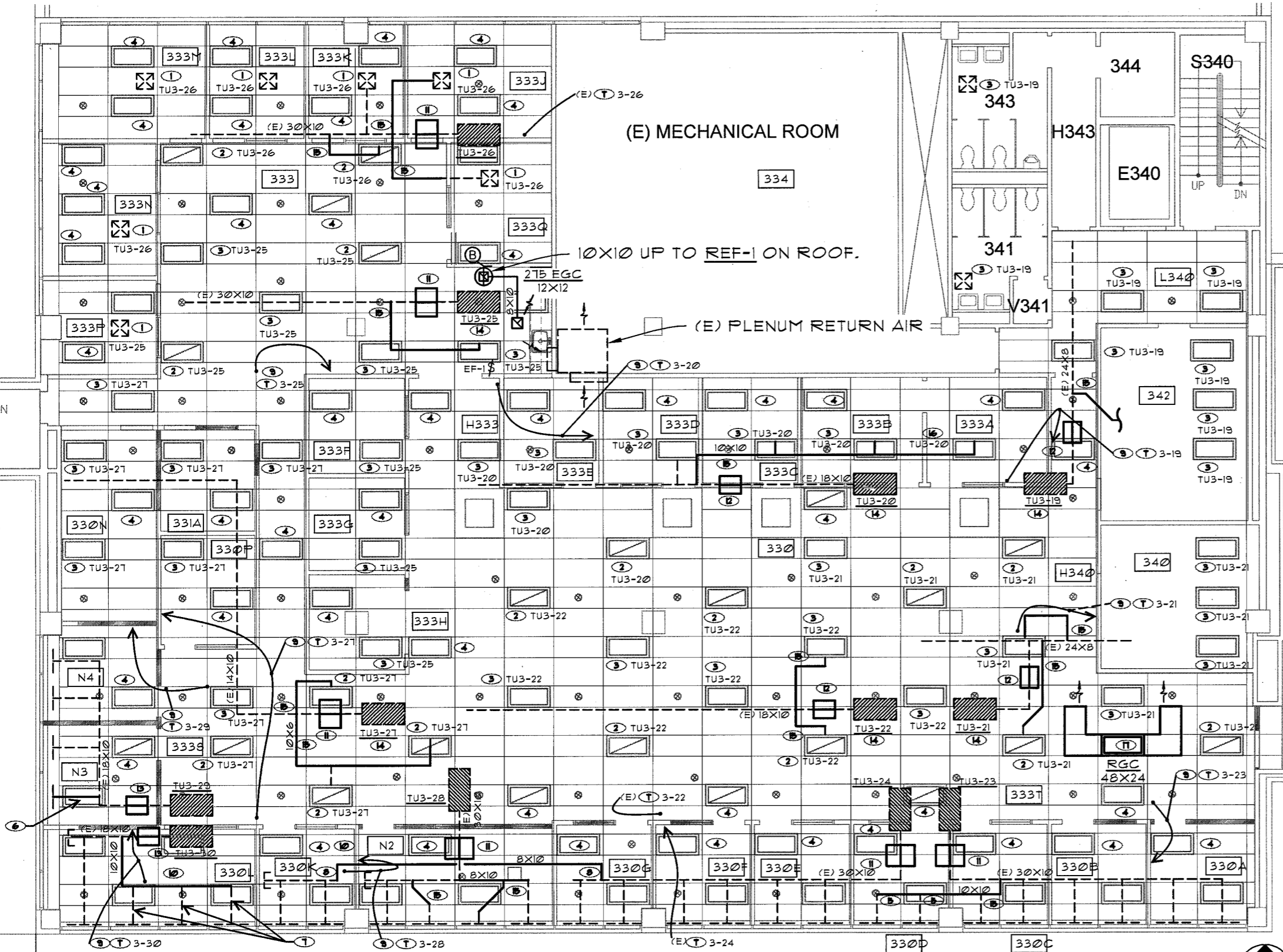
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REVISIONS
SYM DATE REFERENCE

PROJECT NO. 13006
DATE 05 AUGUST 2013
DRAWING TITLE
HVAC PLAN DEMO
DRAWING NUMBER

M101



HVAC PLAN KEYED NOTES

- ① (E) SDC TO REMAIN.
- ② EXTEND 8"Ø DUCT TO RELOCATED OR (E) TDC/LIGHT FIXTURE.
- ③ (E) TDC/LIGHT FIXTURE TO REMAIN
- ④ (E) LIGHT FIXTURE WITH RA TO REMAIN.
- ⑤ EXTEND DUCT FROM TU3-23 TO SERVE LDC.
- ⑥ EXTEND DUCT FROM TU3-29 TO SERVE LDC
- ⑦ EXTEND DUCT FROM TU3-30 TO SERVE LDC'S.
- ⑧ EXTEND DUCT FROM TU3-24 TO SERVE LDCS.
- ⑨ RELOCATE THERMOSTAT
- ⑩ RELOCATE THERMOSTAT FROM CEILING TO WALL.
- ⑪ ALT. #2: PROVIDE FILTER BOX WITH (2) 16X20X2 SLOPED FILTERS.
- ⑫ ALT. #2: PROVIDE FILTER BOX WITH (1) 25X20X2 SLOPED FILTERS.
- ⑬ ALT. #2: PROVIDE FILTER BOX WITH (1) 20X16X2 SLOPED FILTERS.
- ⑭ ALT. #2: PROVIDE (1) 20X25 SLOPED FILTER ON TU INDUCTION INTAKE.
- ⑮ ALT. #2: RELOCATE DUCT TAPS TO ALLOW INSTALLATION OF FILTER BOX.
- ⑯ EXTEND DUCT FROM TU3-20.
- ⑰ PROVIDE 48X24X24 TALL PLENUM AT RGC AND 24X20 DUCTS WITH ENDS OPEN TO RA PLENUM.

PROPOSED HVAC PLAN - BASE BID
 SCALE 3/32" = 1'-0"

GENERAL NOTES

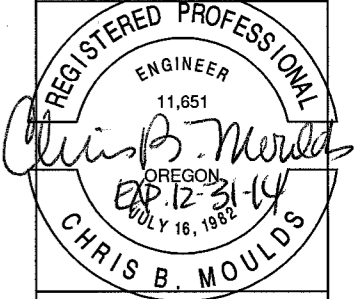
- ALT. #2: REPLACE LOW PRESSURE FLEXIBLE DUCTWORK FROM RECTANGULAR TRUNK LINES TO THE LIGHT FIXTURES/TDC, CEILING DIFFUSERS/SDC, AND LINEAR DIFFUSERS/LDC.
- ALT. #2: REPLACE DAMAGED MEDIUM PRESSURE DUCTWORK FROM THE AIR HANDLER SUPPLY TRUNK TO THE TERMINAL UNITS. 75% OF DUCTWORK IS DAMAGED. REFER TO RECORD DRAWINGS.
- ALT. #2: REFER TO 1/MØØ1 FOR TERMINAL UNIT FILTER INSTALLATION.
- ALT. #2: REFER TO SHEET M105 FOR DUCT CLEANING.
- TESTING AND BALANCING OF MECHANICAL SYSTEMS OFOI.
- ALL DDC UPGRADES TO BE OFOI.
- MAINTAIN MINIMUM 36" CLEARANCE ACCESS AT ALL TUs FOR CONTROLS AND FILTER ACCESS.
- REFER TO 2/MØØ1 FOR DUCT CONSTRUCTION DETAILS.
- REFER TO 2113 ØØ FOR FIRE SPRINKLER WORK.
- CEILING TILES REMOVED FOR CONSTRUCTION SHALL HAVE ANY EXPOSED FIBERGLASS EDGES SEALED PRIOR TO RE-INSTALLATION.

HVAC PLAN LEGEND

- (E) LOCATON OF FIXTURE
- (E) 2X4 RECESSED TROFFER/TDC TO REMAIN
- (E) FIXTURE, NEW LOCATION- 2X4 RECESSED TROFFER/TDC
- (E) SKYLIGHT
- (E) SPRINKLER HEAD



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PROJECT TITLE

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REVISIONS

SYM	DATE	REFERENCE

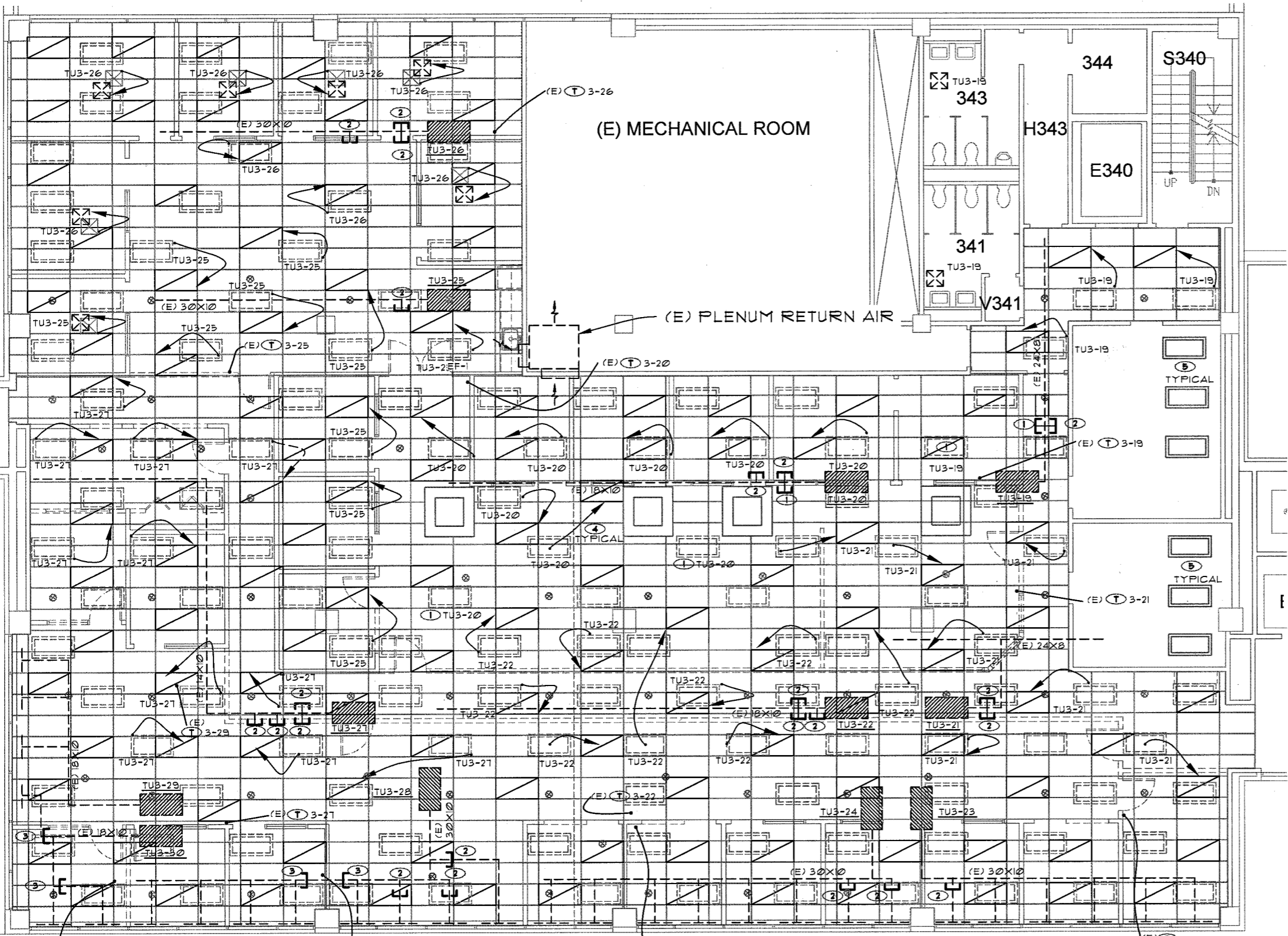
PROJECT NO. 13006

DATE 05 AUGUST 2013

DRAWING TITLE
HVAC PLAN

DRAWING NUMBER

M102



HVAC PLAN KEYED NOTES

- ① CAP AND REMOVE DUCT FROM UNUSED TU.
- ② ALT. #2: CAP DUCT FOR RELOCATION TO ACCOMMODATE FILTER INSTALLATION. SEE M102.
- ③ CAP DUCT FOR RELOCATION. SEE M102.
- ④ ARROWS SHOW NEW LOCATION OF EXISTING TDC. SEE M102
- ⑤ (E) TDC NO CHANGE.

1 HVAC PLAN - EXISTING/DEMO - ALTERNATE #1
 SCALE 3/32" = 1'-0"

GENERAL NOTES

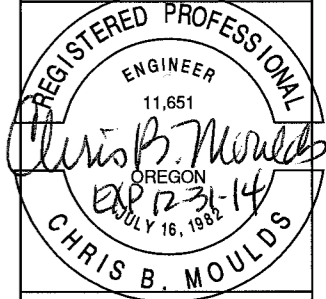
- EXISTING CONDITIONS ARE OBTAINED FROM RECORD DRAWINGS AND LIMITED SITE INVESTIGATIONS. VERIFY PRIOR TO CONSTRUCTION.

HVAC PLAN LEGEND

- (E) LOCATON OF FIXTURE
- (E) 2X4 RECESSED TROFFER/TDC TO REMAIN
- (E) FIXTURE, NEW LOCATION- 2X4 RECESSED TROFFER/TDC
- (E) SKYLIGHT
- (E) SPRINKLER HEAD



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PROJECT TITLE

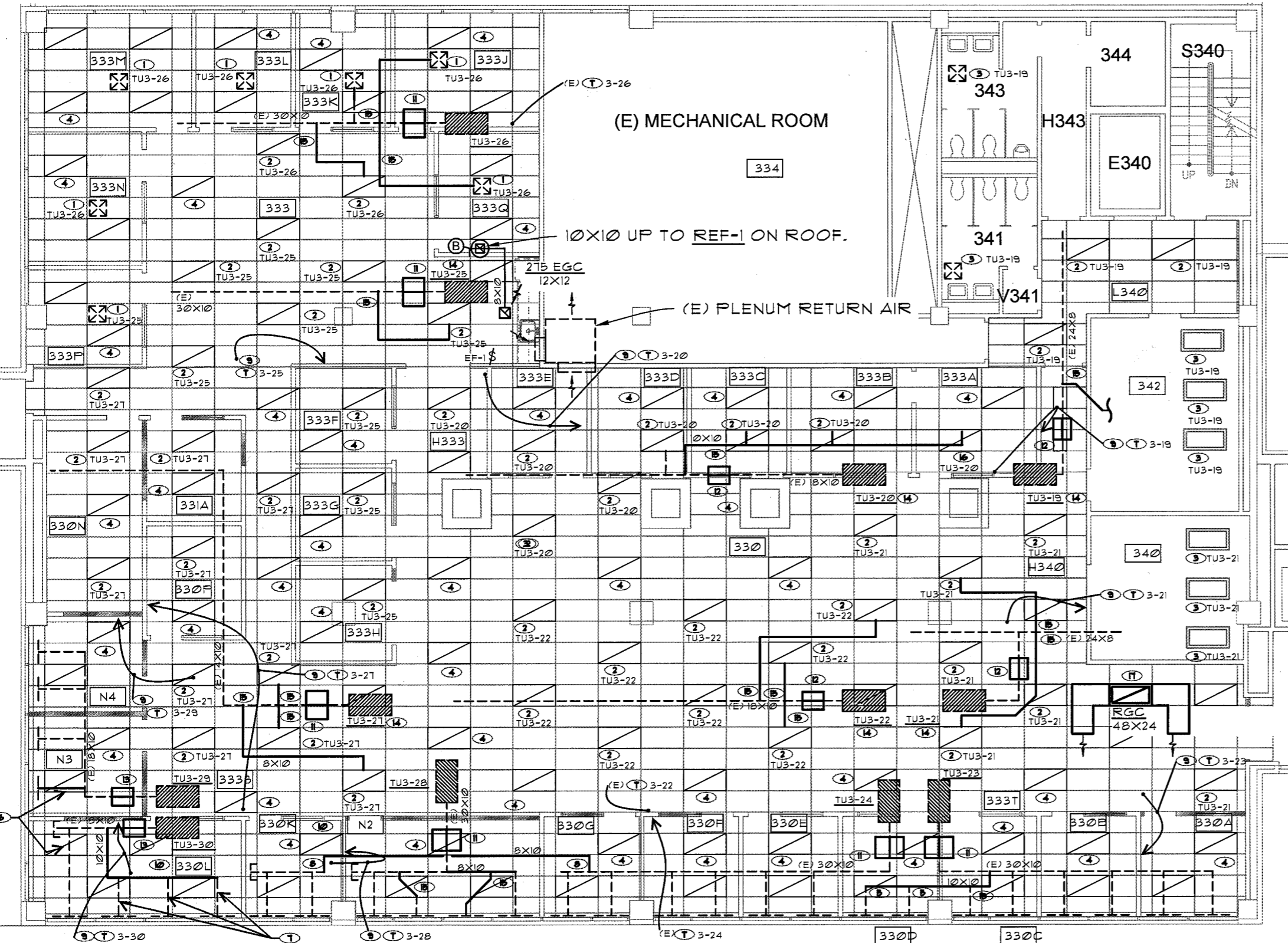
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REVISIONS

SYM	DATE	REFERENCE
PROJECT NO.	13006	
DATE	05 AUGUST 2013	
DRAWING TITLE	HVAC PLAN DEMO - ALT. #1	
DRAWING NUMBER		

M103



HVAC PLAN KEYED NOTES

- ① EXTEND (E) DUCT TO RELOCATED SDC.
- ② EXTEND 8"Ø DUCT TO RELOCATED TDC/LIGHT FIXTURE.
- ③ (E) TDC/LIGHT FIXTURE TO REMAIN
- ④ LIGHT FIXTURE WITH RA.
- ⑤ EXTEND DUCT FROM TU3-23.
- ⑥ EXTEND DUCT FROM TU3-29 TO SERVE LDC
- ⑦ EXTEND DUCT FROM TU3-30 TO SERVE (3) LDC'S.
- ⑧ EXTEND DUCT FROM TU3-24 TO SERVE (2) LDCS.
- ⑨ RELOCATE THERMOSTAT
- ⑩ RELOCATE THERMOSTAT FROM CEILING TO WALL.
- ⑪ ALT. #2: PROVIDE FILTER BOX WITH (2) 16X20X2 SLOPED FILTERS.
- ⑫ ALT. #2: PROVIDE FILTER BOX WITH (1) 25X20X2 SLOPED FILTERS.
- ⑬ ALT. #2: PROVIDE FILTER BOX WITH (1) 20X16X2 SLOPED FILTERS.
- ⑭ ALT. #2: PROVIDE (1) 20X25 SLOPED FILTER ON TU INDUCTION INTAKE.
- ⑮ ALT. #2: RELOCATE DUCT TAPS TO ALLOW INSTALLATION OF FILTER BOX.
- ⑯ EXTEND DUCT FROM TU3-20.
- ⑰ PROVIDE 48X24X24 TALL PLENUM AT RGC AND 24X20 DUCTS WITH ENDS OPEN TO RA PLENUM.

1 PROPOSED HVAC PLAN - ALTERNATE #1
 SCALE 3/32" = 1'-0"

GENERAL NOTES

- ALT. #2: REPLACE LOW PRESSURE FLEXIBLE DUCTWORK FROM RECTANGULAR TRUNK LINES TO THE LIGHT FIXTURES/TDC, CEILING DIFFUSERS/SDC, AND LINEAR DIFFUSERS/LDC.
- ALT. #2: REPLACE DAMAGED MEDIUM PRESSURE DUCTWORK FROM THE AIR HANDLER SUPPLY TRUNK TO THE TERMINAL UNITS. 75% OF DUCTWORK IS DAMAGED. REFER TO RECORD DRAWINGS.
- ALT. #2: REFER TO 1/M001 FOR TERMINAL UNIT FILTER INSTALLATION.
- ALT. #2: REFER TO SHEET M105 FOR DUCT CLEANING.
- TESTING AND BALANCING OF MECHANICAL SYSTEMS OFOI.
- ALL DDC UPGRADES TO BE OFOI.
- MAINTAIN MINIMUM 36" CLEARANCE ACCESS AT ALL TUs FOR CONTROLS AND FILTER ACCESS.
- REFER TO 2/M001 FOR DUCT CONSTRUCTION DETAILS.
- REFER TO 21 13 00 FOR FIRE SPRINKLER WORK.

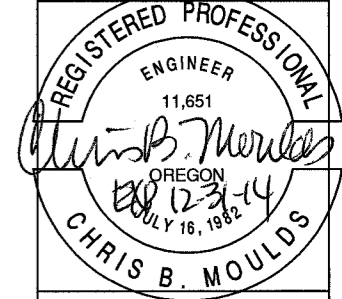


HVAC PLAN LEGEND

- [---] (E) LOCATION OF FIXTURE
- [] (E) 2X4 RECESSED TROFFER/TDC TO REMAIN
- [/] (E) FIXTURE, NEW LOCATION- 2X4 RECESSED TROFFER/TDC
- [] (E) SKYLIGHT



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PROJECT TITLE

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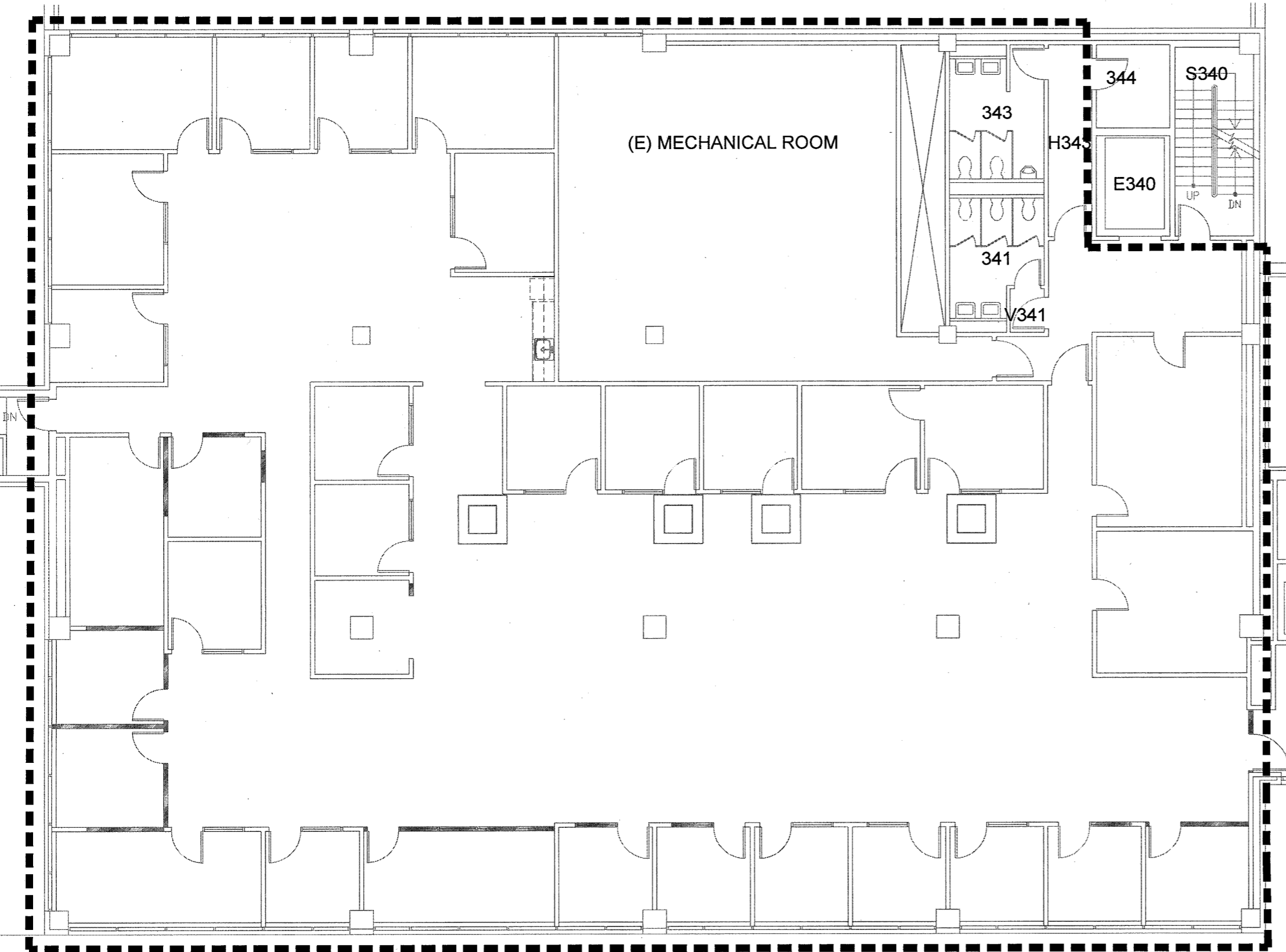
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REVISIONS

SYM	DATE	REFERENCE

PROJECT NO. 13006
 DATE 05 AUGUST 2013
 DRAWING TITLE HVAC PLAN - ALT. #1
 DRAWING NUMBER

M104



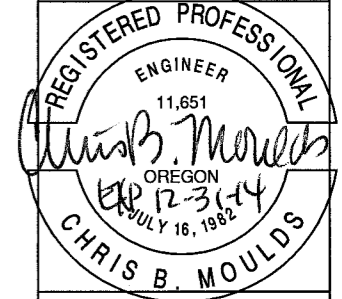
1 ALTERNATE #2: EXTENT OF DUCT CLEANING AREA
 SCALE 3/32" = 1'-0"

**ALTERNATE #2
 DUCT CLEANING**

- REFER TO SPECIFICATION SECTION 23 31 01.51 FOR DUCT CLEANING REQUIREMENTS.
- SUPPLY FANS AND MECHANICAL ROOM SHALL BE CLEANED INCLUDING BLOWER WHEEL, PLENUM, FILTER BANK, AND ALL SURFACES. REPLACE FILTERS (OWNER SUPPLIED) AFTER CLEANING IS COMPLETED.
- ALL EXISTING DUCTWORK SHALL BE CLEANED.
- ALL TERMINAL UNITS AND COILS SHALL BE CLEANED.
- ALL EXISTING LIGHT FIXTURE TROFFERS SHALL BE CLEANED.
- THE PLENUM SIDE OF ALL CEILING TILES SHALL BE VACUUMED CLEAN. TILES REMOVED FOR CONSTRUCTION OR CLEANING SHALL HAVE ANY EXPOSED FIBERGLASS EDGES SEALED PRIOR TO RE-INSTALLATION. THIS IS NOT REQUIRED UNDER ALTERNATE # 1.
- TESTING AND BALANCING OF CLEANED SYSTEMS WILL BE PROVIDED BY OWNER



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REVISIONS

SYM	DATE	REFERENCE

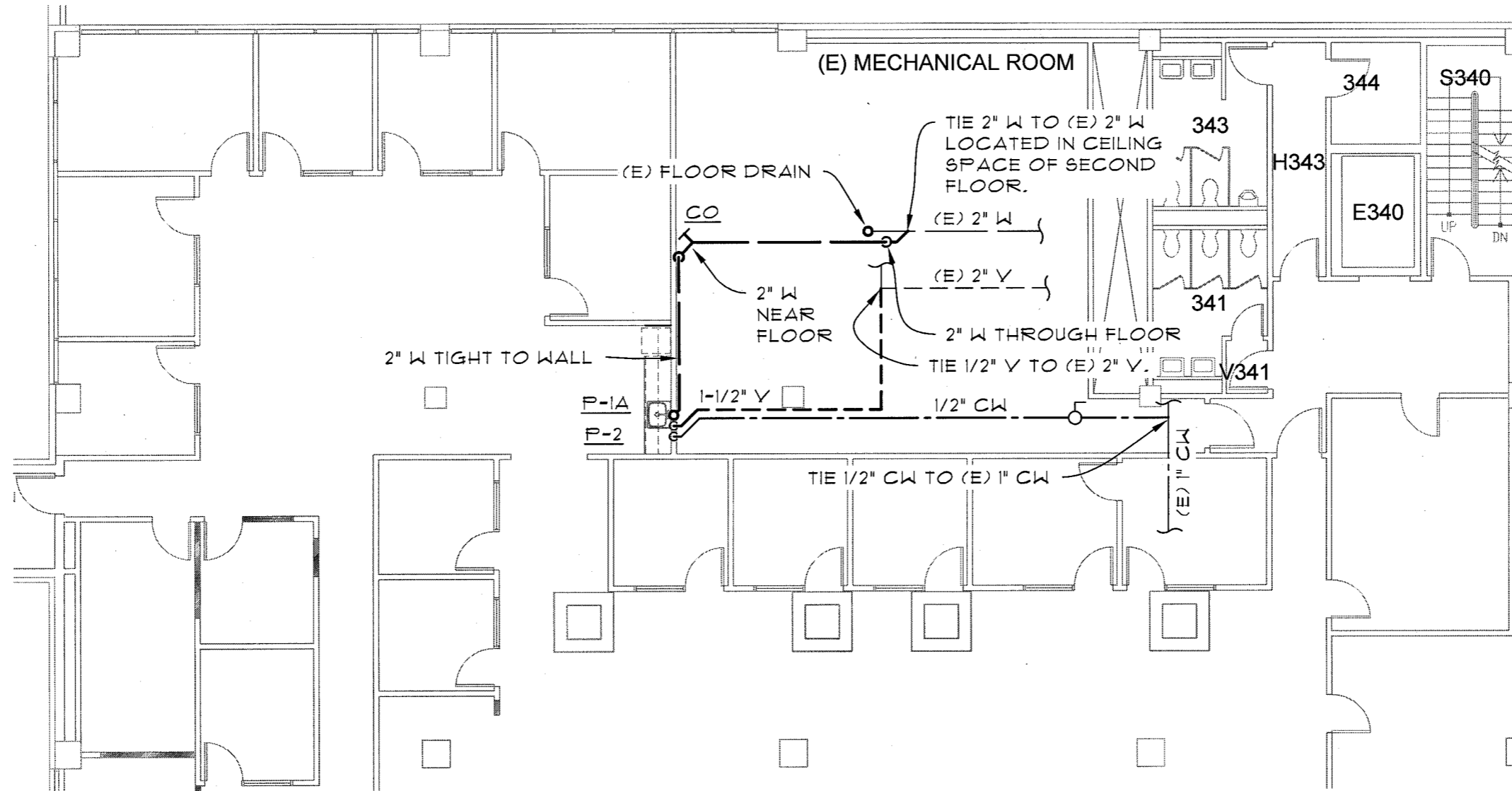
PROJECT NO.	13006
DATE	05 AUGUST 2013

DRAWING TITLE
ALT #2 - DUCT CLEANING

DRAWING NUMBER
M105

PLUMBING FIXTURE SCHEDULE

CODE	FIXTURE	CONNECTIONS				MANUFACTURER & MODEL	REMARKS
		W	V	HW	CW		
P-1A	KITCHEN SINK ADA	2	1-1/2	1/2	1/2	REFER TO ARCHITECTURAL	PROVIDE INSULATION KIT. ADA INSTALLATION
P-2	WATER HEATER	---	---	---	3/8	EEMAX MT005240T	ELECTRIC TANKLESS 4.8 KW AT 240 VOLT. 0.3 GALLON TURN ON. FACTORY SET AT 105°F. MINIMUM 0.93 EF PER OEESC



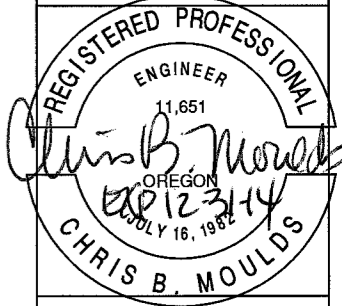
1 PLUMBING PLAN
SCALE 3/32" = 1'-0"

GENERAL NOTES

- CAULK AND SEAL MECHANICAL ROOM WALL AND FLOOR PENETRATION AIRTIGHT.
- EXISTING CONDITIONS ARE OBTAINED FROM RECORD DRAWINGS AND LIMITED SITE INVESTIGATIONS. VERIFY PRIOR TO CONSTRUCTION.



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REVISIONS

SYM	DATE	REFERENCE

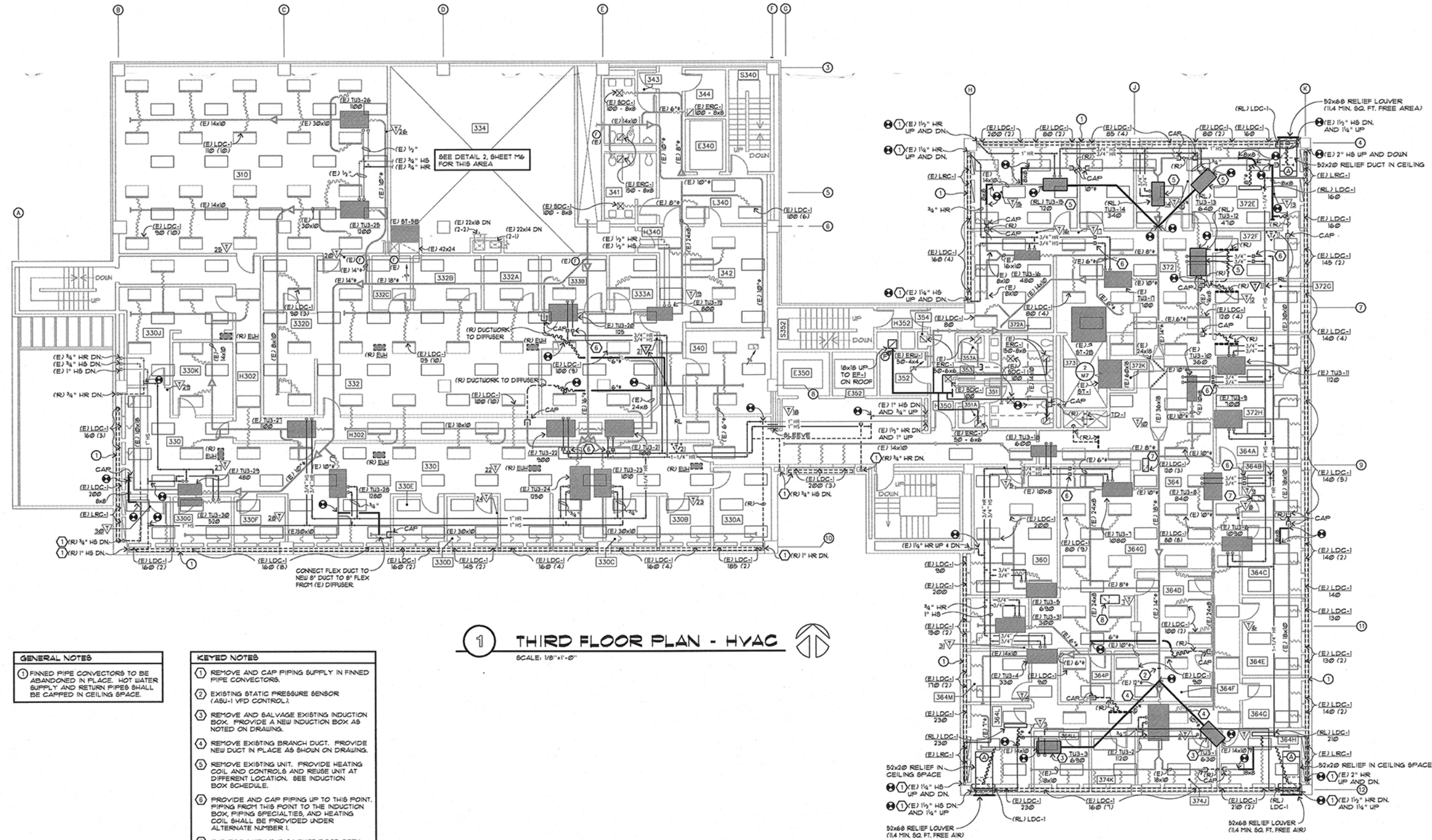
PROJECT NO. 13006
DATE 05 AUGUST 2013

DRAWING TITLE
PLUMBING PLAN

DRAWING NUMBER

M106

FOR REFERENCE ONLY



1 THIRD FLOOR PLAN - HVAC
SCALE: 1/8"=1'-0"

GENERAL NOTES

1 FINNED PIPE CONNECTORS TO BE ABANDONED IN PLACE. HOT WATER SUPPLY AND RETURN PIPES SHALL BE CAPPED IN CEILING SPACE.

- KEYED NOTES**
- 1 REMOVE AND CAP PIPING SUPPLY IN FINNED PIPE CONNECTORS.
 - 2 EXISTING STATIC PRESSURE SENSOR (ASU-1 VFD CONTROL).
 - 3 REMOVE AND SALVAGE EXISTING INDUCTION BOX. PROVIDE A NEW INDUCTION BOX AS NOTED ON DRAWING.
 - 4 REMOVE EXISTING BRANCH DUCT. PROVIDE NEW DUCT IN PLACE AS SHOWN ON DRAWING.
 - 5 REMOVE EXISTING UNIT. PROVIDE HEATING COIL AND CONTROLS AND REUSE UNIT AT DIFFERENT LOCATION. SEE INDUCTION BOX SCHEDULE.
 - 6 PROVIDE AND CAP PIPING UP TO THIS POINT. PIPING FROM THIS POINT TO THE INDUCTION BOX, PIPING SPECIALTIES, AND HEATING COIL SHALL BE PROVIDED UNDER ALTERNATE NUMBER 1.
 - 7 12x12 RSG-1 WITH 12x12x24 DUCT BOOT OPEN TO FLENUM.
 - 8 18x18 RSG-1 WITH 18x18x24 DUCT BOOT OPEN TO FLENUM.

THIRD FLOOR PLAN

SHEET TITLE

UNIVERSITY OF OREGON
OREGON HALL -
ENERGY CONSERVATION MEASURES

PROJECT TITLE

DATE	4/10/95
DESIGNER	NAS
PROJECT	893793
FILENAME	89373m4.dwg
SHEET NO	M4

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