

PROJECT DESIGN TEAM

OWNER

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2FORM ARCHITECTURE
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PROJECT DESCRIPTION

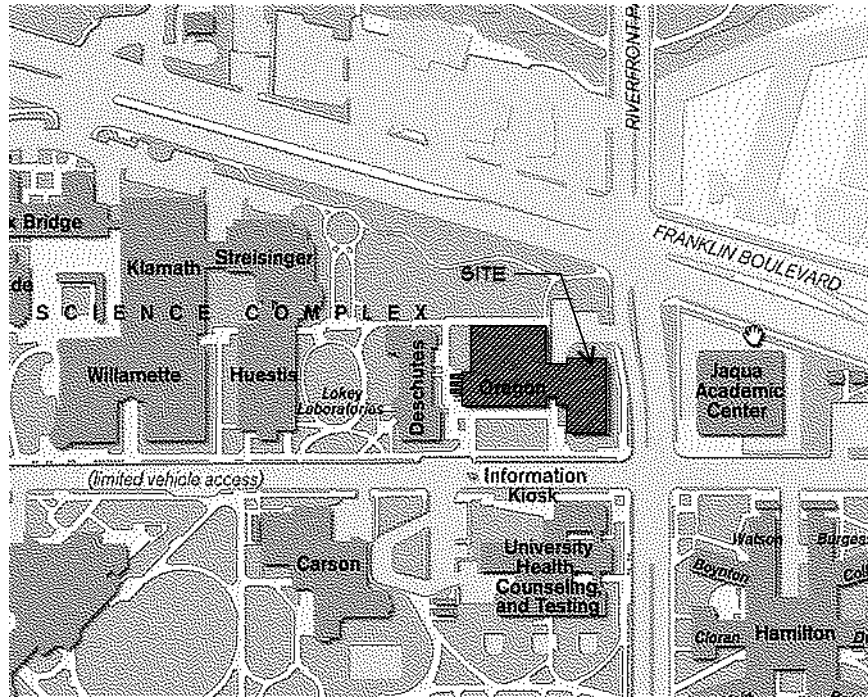
SCOPE OF WORK

- 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: CLIENTS TO REUSE (E) FURNITURE COMBINED WITH SOME NEW FURNITURE, (N) SOLAR SHADES TO BE SPECIFIED/INSTALLED, (N) CASEWORK
- PLUMBING: NONE
- ELECTRICAL/NETWORKING: NEW LIGHTING CONTROLS, DISTRIBUTION OF ELECTRICAL/DATA RUNS TO EACH WORKSTATION
- HYAC: DUCT CLEANING
- ALTERNATES:
 - #1: INSTALL NEW 100% CIRCUIT BREAKER IN EXISTING PANEL "ERI" AND USE TO FEED NEW FLUSH-MOUNTED PANEL "ERB-1." USE BREAKER POLES FROM CIRCUITS ABANDONED IN DEMOLITION AND REARRANGE REMAINING PANEL CIRCUITS AS REQUIRED.
 - #2: REPLACE CEILING GRID AND ACT IN THE ENTIRE PROJECT AREA WITH A STANDARD SIZE GRID SYSTEM. ARCHITECT TO REORGANIZE LOCATION OF LIGHT FIXTURES. ROOM 173 AND 173A ARE NOT CONSIDERED A PART OF PROJECT AREA.

SITE INFORMATION

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

- PROJECT AREA: 5,685 SQUARE FEET
- FIRST FLOOR AREA : 22,760 SQUARE FEET



VICINITY MAP

EUGENE, OREGON



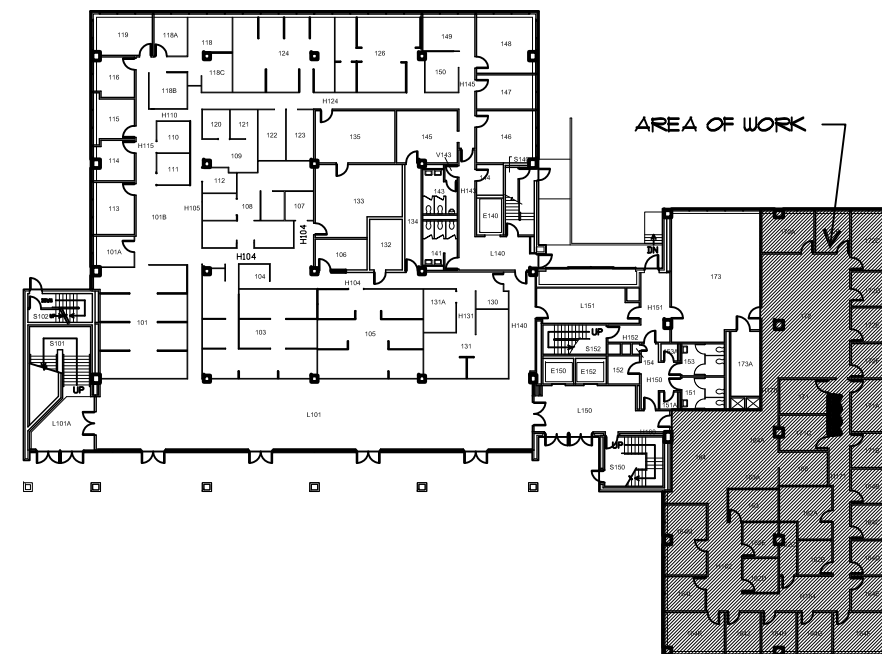
CODE SUMMARY

- 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

DRAWING INDEX

ARCHITECTURAL

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KEY PLAN

SCALE: 1" = 50'0"



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 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.
- WORK ACTIVITIES THAT ARE ESPECIALLY DUSTY, INVASIVE, ODOROUS, OR NOISY (INCLUDING, BUT NOT LIMITED TO MECHANICAL DUCT CLEANING, WALL FRAMING, DRYWALL INSTALLATION AND FINISHING, CEILING WORK IN OCCUPIED SPACES, PAINTING IN OR DIRECTLY ADJACENT TO OCCUPIED SPACES, CARPET REMOVAL, DEMOLITION, ETC.) OR THAT MAY BE UNUSUALLY DISRUPTIVE TO THE BUILDING OCCUPANTS, SHALL BE PERFORMED DURING UNOCCUPIED HOURS. ASSUME NORMAL WORK HOURS FROM 7:30AM-5:00PM. COORDINATE WITH UNIVERSITY OF OREGON PROJECT MANAGER.
- CONTRACTOR TO PROVIDE HEPA AIR FILTRATION SYSTEM (OR APPROVED EQUAL) IN CONJUNCTION WITH A NEGATIVE AIR MACHINE IN THE SPACE DURING ENTIRE COURSE OF WORK. BOTH MACHINES TO RUN DURING ALL WORK HOURS.
- ASBESTOS ABATEMENT WILL BE REQUIRED AND WILL BE PERFORMED BY THE UNIVERSITY OF OREGON ON ORIGINAL WALLS BEING DEMOLISHED. SEE SHEET D101
- THIS PROJECT IS IN AN UNUSUALLY SENSITIVE AND OCCUPIED SPACE. CAREFUL PLANNING AND IMPLEMENTATION MUST BE PERFORMED BY CONTRACTOR COORDINATE ALL WORK AND ACCESS CLOSELY WITH U OF O PROJECT MANAGER
- NO OPEN STORAGE CONTAINERS WILL BE ALLOWED WITHIN THE BUILDING OUTSIDE OF WORK HOURS. THIS INCLUDES BUT IS NOT LIMITED TO SEALANTS, PAINTS, ADHESIVES, CLEANERS, DRYWALL FINISHING MATERIALS, ETC.



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REGISTERED ARCHITECT

RICHARD J. SHUGAR

Richard Shugar

EUGENE, OREGON

STATE OF OREGON

PROJECT TITLE

OREGON HALL 1ST FLR

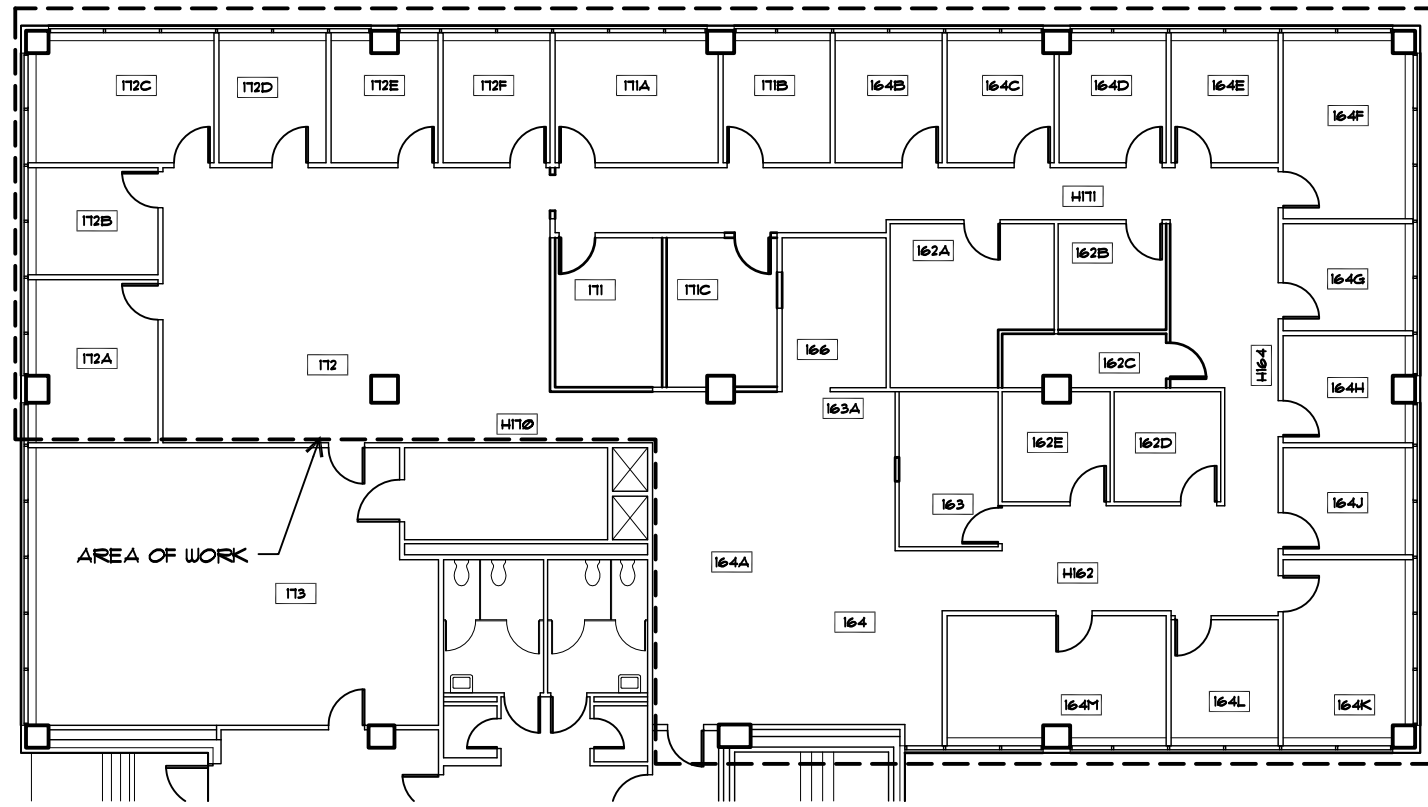
UNIVERSITY OF OREGON

1585 EAST 13TH AVE, EUGENE OREGON 97403

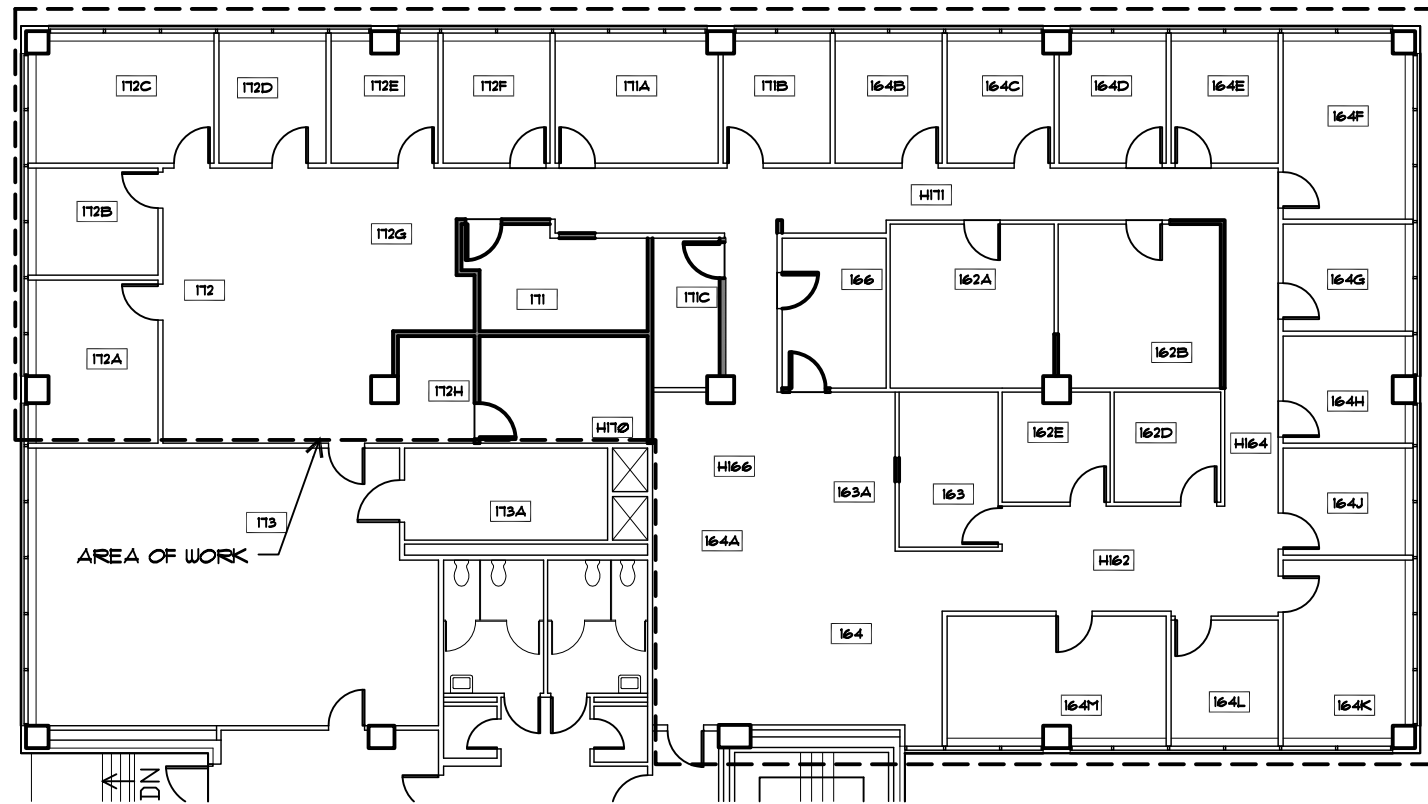
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REVISIONS		
SYM	DATE	REFERENCE

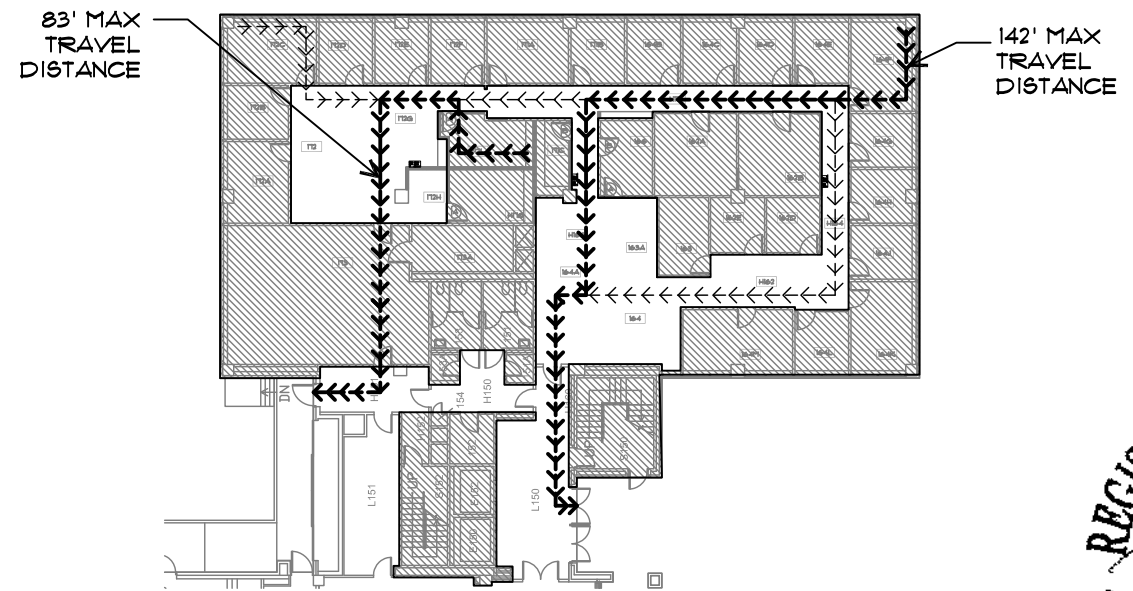
PROJECT NO.	11020
DATE	8 JUNE 2012
DRAWING TITLE	
TITLE SHEET	
DRAWING NUMBER	
G001	



1 EXISTING LAYOUT
SCALE 1/16" = 1'-0"



2 PROPOSED LAYOUT
SCALE 1/16" = 1'-0"



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 22,160 SQUARE FEET
- OCCUPANCY LOAD FACTOR: 100 GROSS
- MINIMUM DESIGN OCCUPANT LOAD: 228 OCCUPANTS
- MIN. CORRIDOR WIDTH: 228 x 0.2 = 46'
- EXISTING CORRIDOR EXIT 5'-6" AT NARROWEST POINT

EXIT ACCESS TRAVEL DISTANCE

- B OCCUPANCY, SPRINKLERED
- MAX DISTANCE: 300 FEET
- MAX EXITING TRAVEL DISTANCE TO NEAREST EXIT ACCESS:
 - 142 FEET TO SOUTH EXIT, 83 FEET TO NORTH EXIT

CODE ANALYSIS:

NO CHANGE IN USE OR OCCUPANCY

MINIMUM DESIGN OCCUPANCY LOAD: 51 OCCUPANTS

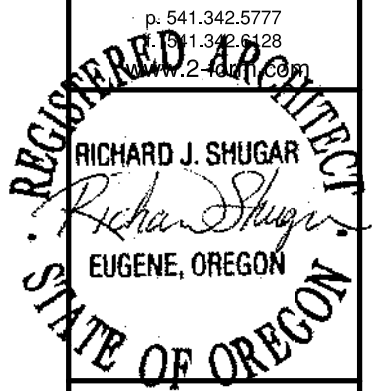
- OCCUPANCY: B - BUSINESS AREA (FEWER THAN 50 OCCUPANTS PER SPACE, THUS NOT CONSIDERED MIXED-OCCUPANCY)
- TOTAL REMODEL AREA: 5,685 SQ. FT.
- OCCUPANCY LOAD FACTOR: 100 GROSS (OSBC 1004)
- MIN. DESIGN OCCUPANT LOAD = 51 OCCUPANTS
- 51 OCCUPANTS x 0.2 IN/OCC. = 11.4 INCHES
 - ▶ EXISTING DOOR IS 36 INCHES WIDE, EXCEEDS REQUIREMENT

EXIT ACCESS TRAVEL DISTANCE:

- B OCCUPANCY (SPRINKLERED)
- MAX. DISTANCE: 300 FEET (1016.1)
 - ▶ MAX. EXISTING TRAVEL DISTANCE TO NEAREST EXIT ACCESS:
 - 142 FEET TO SOUTH EXIT, 83 FEET TO NORTH EXIT



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PROJECT TITLE

OREGON HALL 1ST FLR
UNIVERSITY OF OREGON
1585 EAST 13TH AVE, EUGENE OREGON 97403

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REVISIONS

SYM	DATE	REFERENCE

PROJECT NO. 11020
DATE 8 JUNE 2012

DRAWING TITLE
CODE SUMMARY

DRAWING NUMBER


G002

ABBREVIATIONS

AFF.	ABOVE FINISH FLOOR	(N)	NEW
ALT.	ALTERNATE	O/	OVER
BLKG	BLOCKING	O/C	ON CENTER
BLDG	BUILDING	OFCI	OWNER FURNISHED CONTRACTOR
B.O.F.	BOTTOM OF FRAMING		INSTALLED
CFB	CEMENT FIBER BOARD	OFOI	OWNER FURNISHED OWNER
CLR	CLEAR		INSTALLED
CONC.	CONCRETE	PERF.	PERFORATED
COND.	CONDITION	PLY	PLYWOOD
CONN.	CONNECTION	PLYWD	PLYWOOD
CONT.	CONTINUOUS	PRE-FIN	PRE-FINISHED
CTR	CENTER	PT	PRESSURE-TREATED
(D)	DEMOLISH	P#B	PANEL & BATTEN
DF	DOUGLAS FIR	(R)	REMOVE
DN	DOWN	R	RISER
DWG	DRAWING	REINF.	REINFORCED
(E)	EXISTING	S.O.A.	SLAB ON GRADE
EA.	EACH	SF.	SQUARE FEET
EL.	ELEVATION	SHT.	SHEET
E.W.	EACH WAY	SIM.	SIMILAR
EXT.	EXTERIOR	STGR	STRINGER
FDN.	FOUNDATION	T.	TREAD
INT.	INTERIOR	TP	TOP PLATE
GA.	GAUGE	T.O.	TOP OF
GLBM	GLU-LAM BEAM	T.O.B.B.	TOP OF BELLY BAND
GWB	GYP SUM WALL BOARD	T.O.B.R.	TOP OF BALCONY RAILING
GYP	GYP SUM	T.O.F.	TOP OF FOOTING
INSUL.	INSULATION	T.O.S.F.	TOP OF SUB-FLOOR
LND'G	LANDING	T.O.W.	TOP OF WINDOW HEAD
MAX	MAXIMUM	TYP.	TYPICAL
MIN	MINIMUM	UNO	UNLESS NOTED OTHERWISE
MIRR	MIRROR	V.I.F.	VERIFY IN FIELD
MTL	METAL	W.H.	WATER HEATER

(E) FURNITURE INVENTORY

a.	WORKSURFACE 2'-0" X 3'-9 1/2"
b.	WORKSURFACE 2'-0" X 3'-0"
c.	WORKSURFACE 2'-0" X 5'-0"
d.	FILE CABINET 15'D X 21'W X 27'H
e.	FILE CABINET 15'D X 21'W X 27'H
f.	WORKSURFACE 2'-0" X 5'-0"
g.	PANEL 3'-0"W X 3'-2 1/2"H
h.	PANEL 2'-6"W X 3'-2 1/2"H
i.	PANEL 2'-6"W X 3'-2 1/2"H
j.	PANEL 2'-0"W X 3'-2 1/2"H
k.	WORKSURFACE 2'-0" X 4'-6", CUT TO FIT
l.	FILE CABINET 15'D X 21'W X 27'H
m.	FILE CABINET 1'-3'D X 1'-9"W X 2'-3"H
n.	WORKSURFACE 2'-0" X 4'-0"
O.	COPY CENTER COUNTERTOP
p.	WORKSURFACE 2'-6" X 5'-6"
q.	COUNTER 1'-2 1/2" X 5'-6", COMPOSED OF 2 SEPARATE PARTS. 24'W PART TO BE REUSED.
r.	PANEL 3'-0" X 65 1/2"H
s.	PANEL 5'-0" X 65 1/2"H
t.	PANEL 2'-0" X 65 1/2"H
u.	LOUNGE CHAIR 2'-1'D X 2'-6 1/2"W
v.	COUCH 2'-1'D X 4'-6"W
w.	LOUNGE CHAIR 2'-1'D X 2'-6 1/2"W
x.	SIDE TABLE 1'-10" X 1'-10"
y.	LOUNGE CHAIR 2'-1'D X 2'-6 1/2"W
z.	LOUNGE CHAIR 2'-1'D X 2'-6 1/2"W
aa.	SIDE TABLE 1'-10" X 1'-10"
bb.	COFFEE TABLE 3'-0" X 3'-0"
cc.	FREESTANDING DESK 2'-0"D X 7'-5 1/2"W
dd.	FREESTANDING DESK 2'-0"D X 3'-10"W
ee.	PANEL 2'-6"W X 2'-7"H
ff.	PANEL 2'-6"W X 2'-7"H
gg.	CONFERENCE TABLE
hh.	SOFA
ii.	CABINETRY
jj.	OVERHEAD CABINET 1'-1'D X 3'-6"W X 1'-2 1/2"H
kk.	OVERHEAD CABINET 14'D X 33'W X 16"H
mm.	OVERHEAD CABINET 14'D X 33'W X 16"H
nn.	OVERHEAD CABINET 1'-1'D X 4'-0"W X 1'-2 1/2"H
oo.	COPY CENTER COPY MACHINE 32'D X 60"W X 45"H
pp.	COPY MACHINE 2'-1 1/2'D X 3'-4 1/2"W X 3'-8"H
qq.	TABLE 2'-0'D X 4'-0"W X 2'-5"H
rr.	DRESSER 1'-10'D X 2'-11 1/2"W X 4'-6 1/2"H
ss.	REFRIGERATOR 2'-5'D X 2'-4" X 5'-2"H
tt.	CABINET 1'-10'D X 2'-11 1/2"W X 3'-1 1/2"H
uu.	SHELVING 1'-2'D X 2'-7 1/2"W X 3'-11"H
vv.	CABINET 1'-10'D X 2'-11 1/2"W X 3'-1 1/2"H
ww.	SHELVING WITH LOWER CABINETRY 2'-3'D X 2'-11 1/2"W X 5'-5"H
xx.	DRESSER 1'-10'D X 2'-11 1/2"W X 4'-6 1/2"H
yy.	DESK UNITS
zz.	OPEN SHELVING 1'-3'D X 5'-8"W
aaa.	RECYCLING BIN (LARGE)
bbb.	COPY CENTER STORAGE 16'D X 35 1/2"W
ccc.	COPY CENTER STORAGE 22' X 31'W
ddd.	MAILBOXES
eee.	COPY CENTER OVERHEAD CABINETRY
fff.	PANEL 2'-0"W X 2'-7"H
ggg.	WATER COOLER 11" DIAMETER
hhh.	TELEVISION 41"W X 25"H AND ASSOCIATED DVD PLAYER 17"D X 1 1/2"H (CONTRACTOR TO SALVAGE, PROTECT AND STORE FOR RE-USE. SEE 2A/A402)



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REGISTERED ARCHITECT

Richard Shugar

RICHARD J. SHUGAR
EUGENE, OREGON

STATE OF OREGON

PROJECT TITLE

OREGON HALL 1ST FLR

UNIVERSITY OF OREGON
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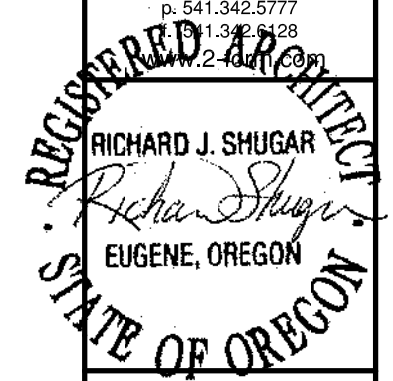
REVISIONS		
SYM	DATE	REFERENCE

PROJECT NO. 11020

DATE 8 JUNE 2012

DRAWING TITLE
ABBREVIATIONS / FURNITURE

DRAWING NUMBER
G003



PROJECT TITLE

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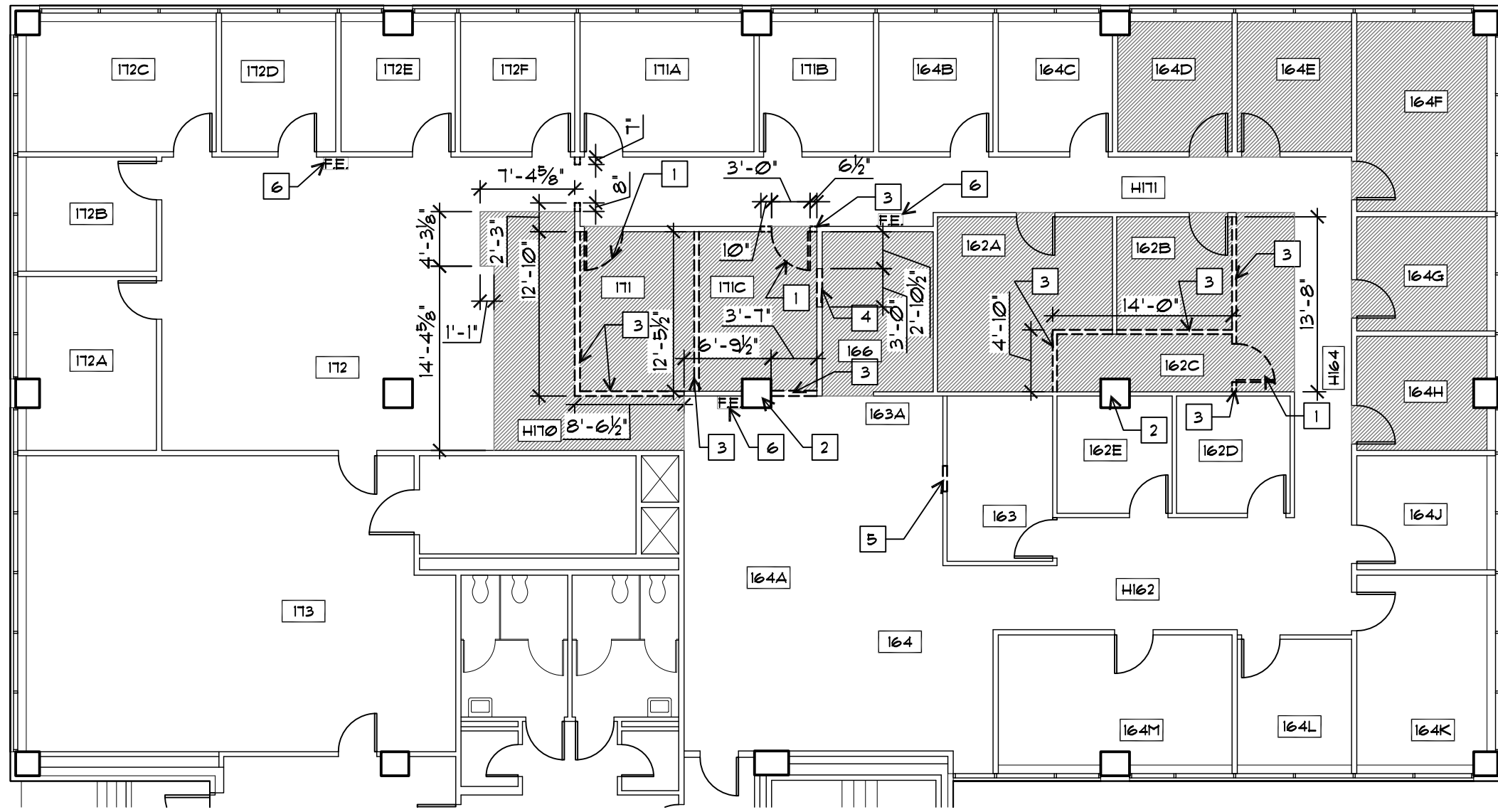
PROJECT NO. 11020

DATE 8 JUNE 2012

DRAWING TITLE
DEMO PLAN

DRAWING NUMBER

D101



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

DEMO PLAN KEYED NOTES

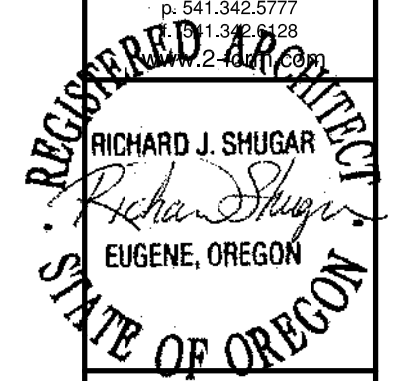
- 1 SALVAGE AND REUSE DOOR, TRANSOM, AND DOOR/TRANSOM FRAME. SEE SHEET A101, KEY NOTE 5
- 2 (E) COLUMN TO REMAIN
- 3 OWNER TO DEMO (E) WALL, SALVAGE BASEBOARD AND TRIM FOR CONTRACTOR TO REUSE
- 4 OWNER TO DEMO NEW DOOR OPENING FOR SALVAGED DOOR
- 5 DEMO (E) WINDOW
- 6 REMOVE (E) FIRE EXTINGUISHER

DEMO PLAN LEGEND

- (E) WALL
- DEMO WALL/DOOR/WINDOW
- ▨ DEMO (E) CARPET / PAD

DEMO PLAN NOTES

- 1. PROTECT & PRESERVE ADJACENT (E) FINISHES TO REMAIN FROM DAMAGE CAUSED BY DEMOLITION & CONSTRUCTION. CONTRACTOR TO REPAIR INCIDENTAL DAMAGE AT OWN EXPENSE.
- 2. REMOVE AND DISPOSE OF BROADLOOM CARPET AND PAD IN HATCHED AREAS. REMOVE AND SALVAGE CARPET TILE ONLY FOR POSSIBLE REUSE IN HATCHED AREAS. COORDINATE STORAGE WITH U OF O PM.
- 3. SEE A102 NOTES FOR ELECTRICAL DEMO
- 4. RECEPTACLES SHOWN ON WALLS BEING REMOVED SHALL BE REMOVED AND BRANCH CIRCUIT WIRING REMOVED BACK TO PANEL. RECEPTACLES ON WALLS TO REMAIN WILL BE REFEED.



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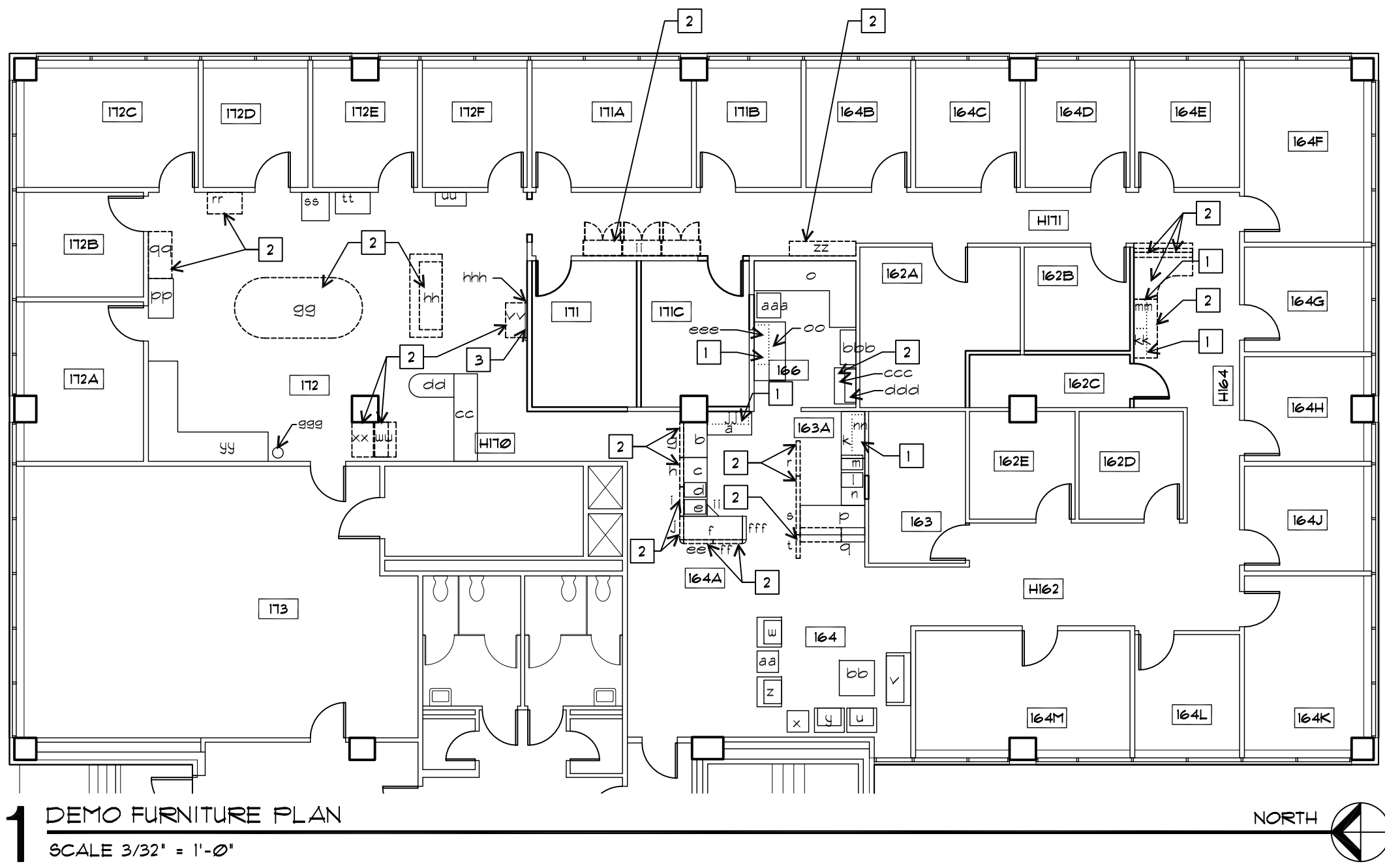
SYM	DATE	REFERENCE

PROJECT NO.	11020
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DRAWING TITLE
DEMO FURNITURE PLAN

DRAWING NUMBER

D102



1 DEMO FURNITURE PLAN
SCALE 3/32" = 1'-0"

DEMO FURNITURE PLAN KEYED NOTES

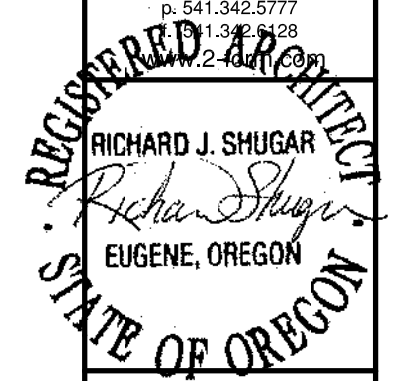
- 1 OVERHEAD CABINETS TO BE MOVED, SALVAGED, STORED AND PROTECTED BY CONTRACTOR UNTIL RE-INSTALLATION PER A103.
- 2 (E) FURNITURE TO BE REMOVED AND SALVAGED BY CONTRACTOR. VERIFY REUSE AND SALVAGE WITH U OF O PM
- 3 hhh (TV AND DVD PLAYER) TO BE SALVAGED, STORED AND PROTECTED BY CONTRACTOR UNTIL RE-INSTALLED AS PART OF NEW WORK ON 2A/A402

DEMO FURNITURE PLAN LEGEND

- (E) FURNITURE TO BE MOVED, SALVAGED, STORED AND PROTECTED BY CONTRACTOR UNTIL RE-INSTALLATION PER A103
- (E) FURNITURE TO BE REMOVED AND SALVAGED BY CONTRACTOR. VERIFY REUSE AND SALVAGE WITH U OF O PM
- OVERHEAD CABINETS

DEMO FURNITURE PLAN NOTES

- 1. PROTECT & PRESERVE ADJACENT (E) FINISHES TO REMAIN FROM DAMAGE CAUSED BY DEMOLITION & CONSTRUCTION. CONTRACTOR TO REPAIR INCIDENTAL DAMAGE AT OWN EXPENSE.



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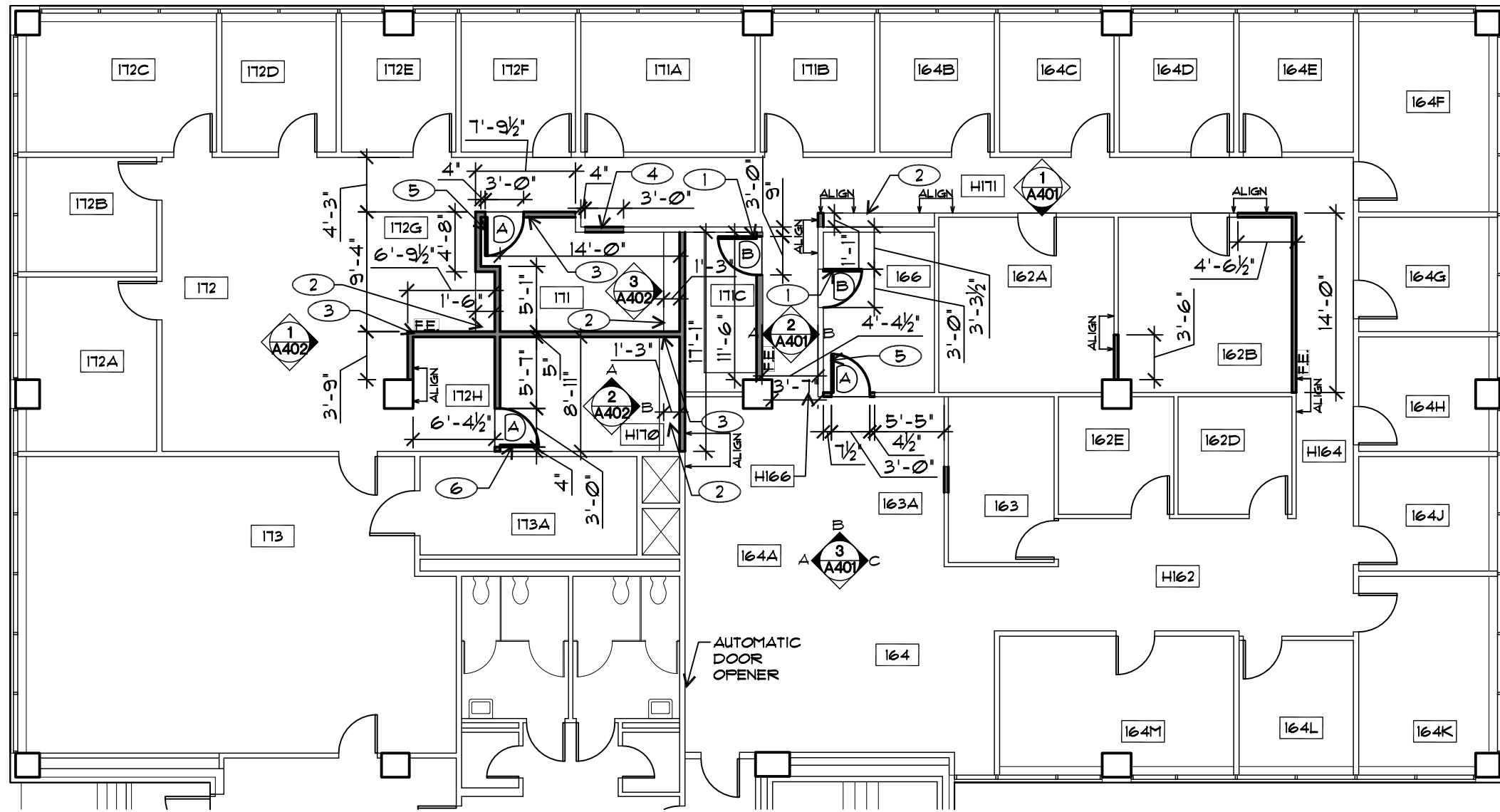
SYM	DATE	REFERENCE

PROJECT NO.	11020
DATE	8 JUNE 2012

DRAWING TITLE
FLOOR PLAN

DRAWING NUMBER

A101



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



DRAWING LEGEND

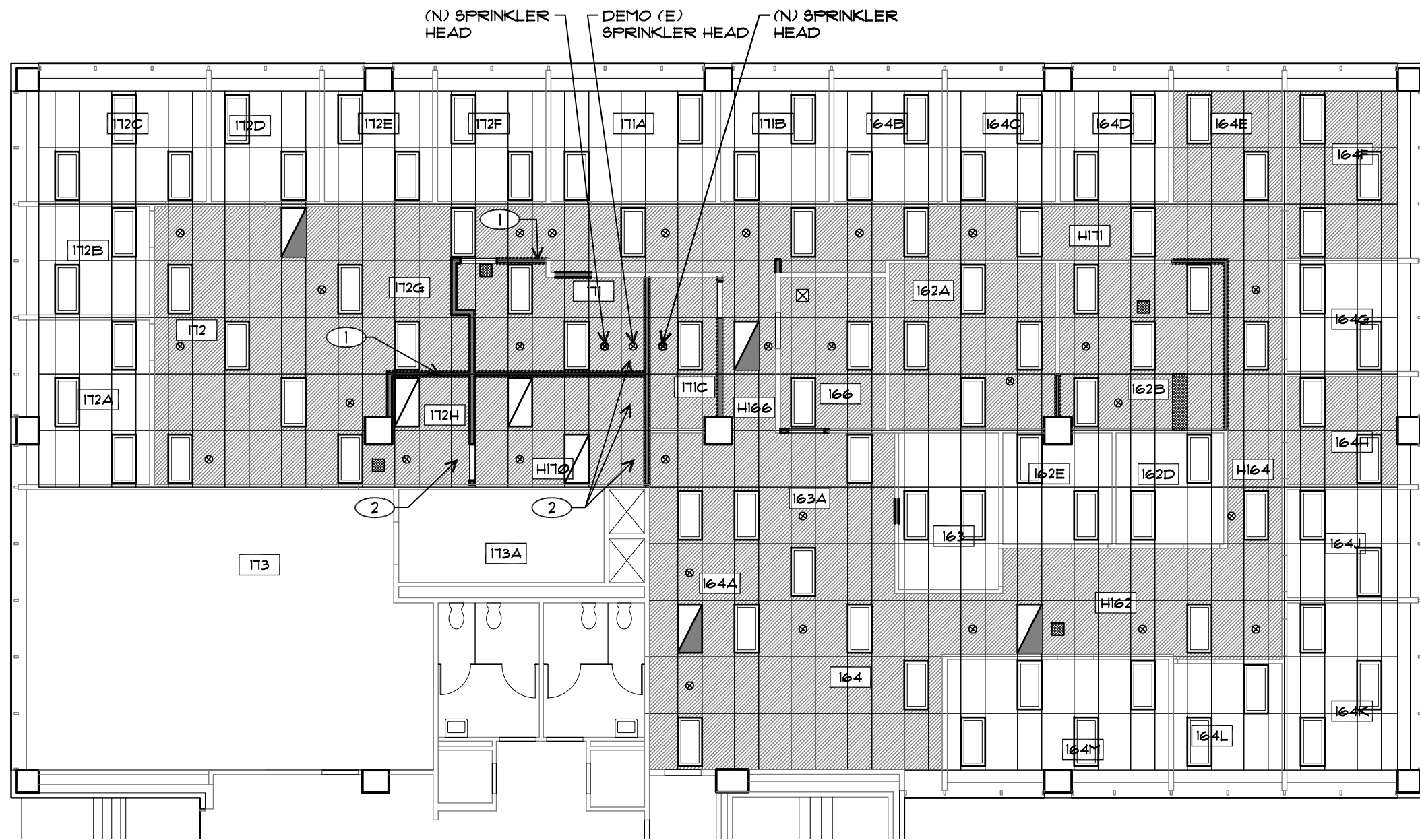
- DOOR TYPE
- INTERIOR ELEVATION REFERENCE
- (E) WALL
- (N) WALL
- KEYNOTE
- (N) SEMI-RECESSED FIRE EXTINGUISHER

FLOOR PLAN KEYED NOTES

- ① INSTALL (N) CFCI DOOR. SEE DOOR B ON A601 DOOR SCHEDULE
- ② (N) BUILT-IN CABINETRY, REFER TO A402
- ③ CENTER (N) WALL ON CEILING TILE GRID, REFER TO A102
- ④ FRAME IN EXISTING OPENING AND FINISH TO MATCH SURROUNDING WALL
- ⑤ INSTALL SALVAGED DOOR/TRANSOM. SEE SHEET D101 KEYNOTE #1

GENERAL NOTES









1. ALL NEW WALL CAVITIES TO BE FILLED WITH ACOUSTIC ATTENUATION BATTS.
2. CONTRACTOR TO PROVIDE BLOCKING AS NECESSARY FOR INSTALLATION OF NEW CABINETRY, ELECTRICAL & MECHANICAL EQUIPMENT, ETC. PRIOR TO ENCLOSURE OF WALL CAVITIES, VERIFY ANY ADDITIONAL BLOCKING REQUIREMENTS WITH OWNER.
3. ALL FIRE EXTINGUISHERS TO BE SEMI-RECESSED INTO (N) WALLS.





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



RCP LEGEND

-  (E) 2X4 RECESSED TROFFER W/ AIR SUPPLY
-  (E) FIXTURE, (N) LOCATION- 2X4 RECESSED TROFFER W/ AIR SUPPLY
-  LIGHT FIXTURE ON EMERGENCY CIRCUIT
-  (E) AIR RETURN TO REMAIN
-  (E) SPRINKLER HEAD TO REMAIN
-  (E) ACT TO BE PAINTED PT-1, SEE A601
-  (E) WALL
-  (N) WALL

RCP KEYED NOTES

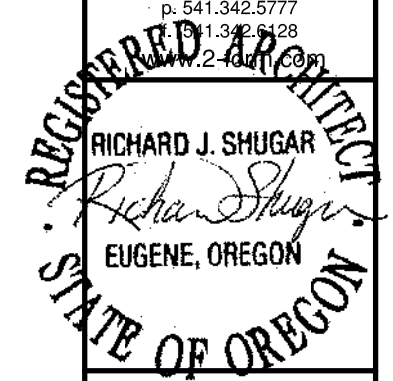
-  CENTER (N) WALL ON (E) CEILING TILE GRID
-  INSTALL (N) ACT WHERE LIGHT FIXTURE AND SPRINKLERS WERE REMOVED

RCP GEN. NOTES

1. PAINT ALL (N) AND (E) ACOUSTICAL TILES (PT-1) IN HATCHED AREAS, REFER TO FINISH SCHEDULE. EXTEND PAINTED EDGE PAST GRID PROFILE.
2. ALTERNATE #2: REPLACE CEILING GRID AND ACT IN THE ENTIRE PROJECT AREA WITH A STANDARD SIZE GRID SYSTEM. ARCHITECT TO REORGANIZE LOCATION OF LIGHT FIXTURES.
3. ROOM 173 AND 173A ARE NOT CONSIDERED A PART OF PROJECT AREA.
4. FIRE ALARM SYSTEM TO MEET REQUIREMENTS OF NFPA 72 WHERE REQUIRED. SPRINKLER CONTRACTOR TO VERIFY LOCATIONS FOR NEW SPRINKLERS.



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PROJECT TITLE

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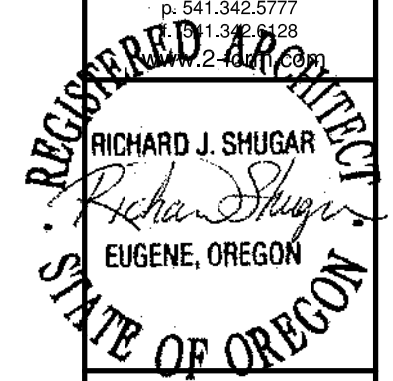
PROJECT NO. 11020

DATE 8 JUNE 2012

DRAWING TITLE
REFLECTED CEILING PLAN

DRAWING NUMBER

A102



PROJECT TITLE

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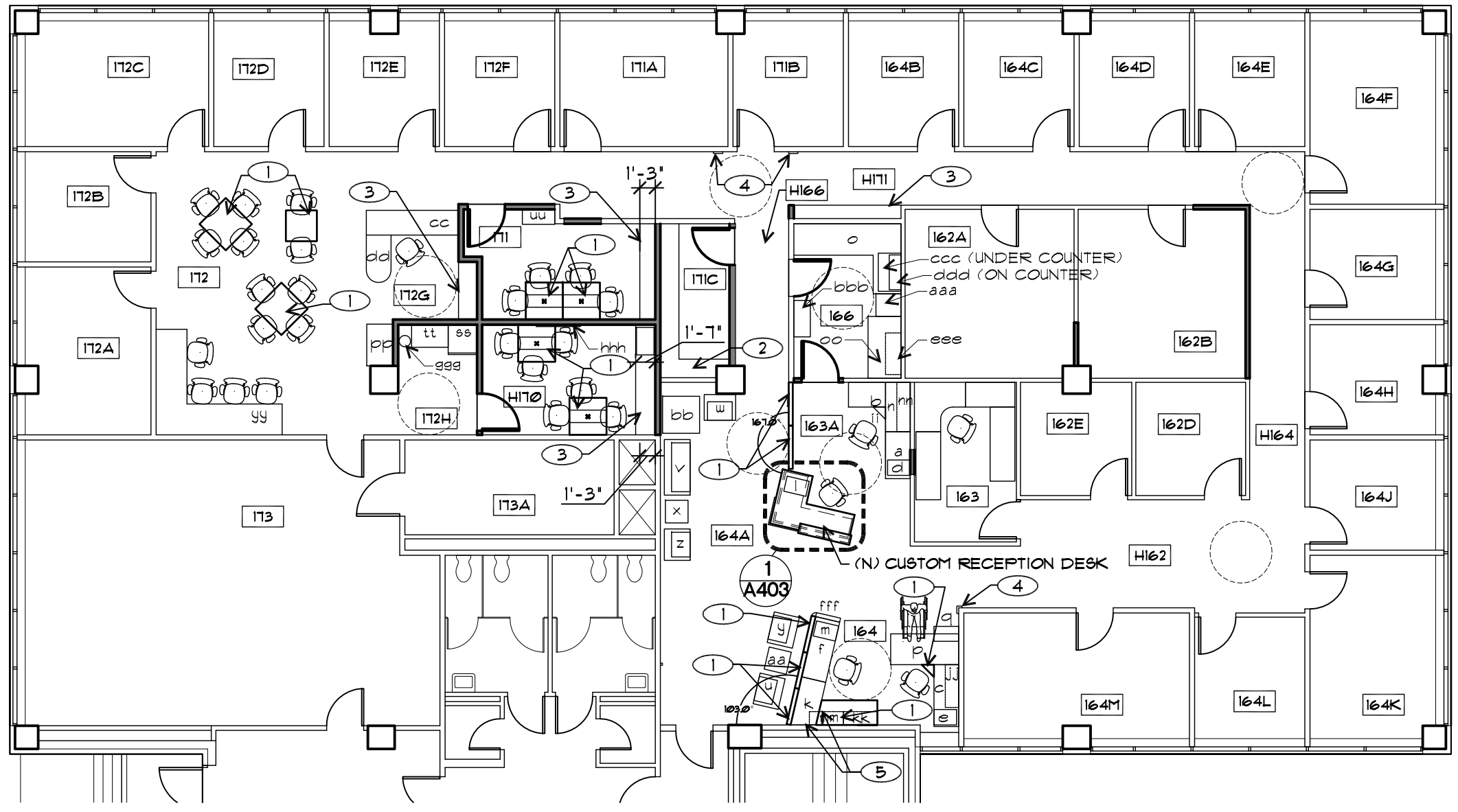
SYM	DATE	REFERENCE

PROJECT NO.	11020
DATE	8 JUNE 2012

DRAWING TITLE
FURNITURE PLAN

DRAWING NUMBER

A103



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



DRAWING LEGEND

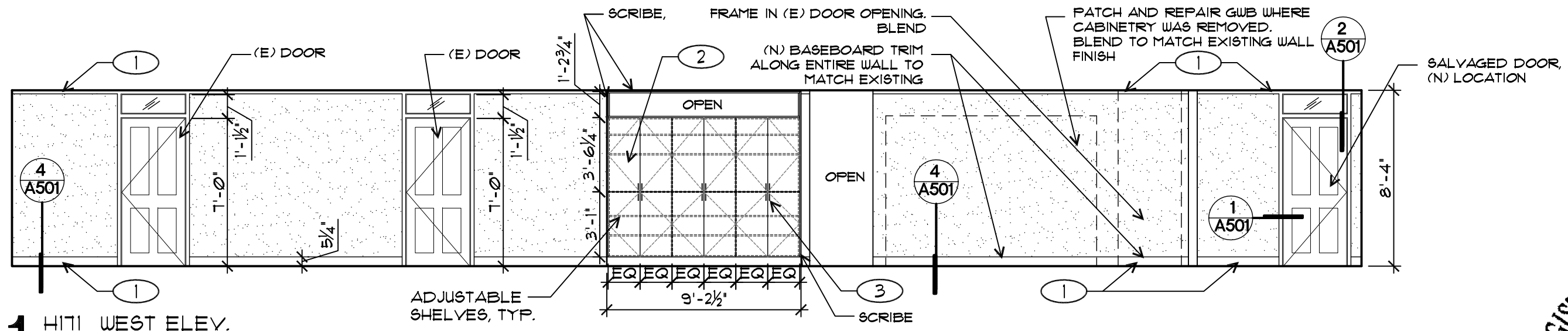
- (N) FURNITURE
- (E) FURNITURE
- 5'-0" ADA TURN-AROUND
- (E) WALL
- (N) WALL

FURNITURE PLAN KEYED NOTES

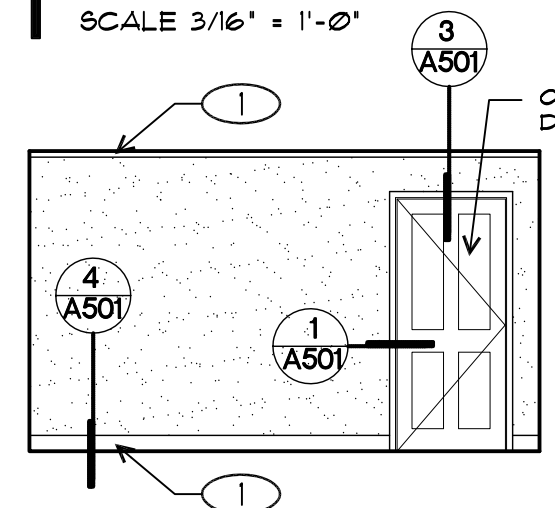
- ① (N) FURNITURE
- ② (N) SHELVING TO BE INSTALLED ACCORDING TO CAMPUS STANDARDS. KNAPE & VOGT 185 DOUBLE BRACKET, HEAVY DUTY, 12' DEPTH TYP.
- ③ (N) BUILT-IN CABINETRY, SEE A401-A402 FOR DIMENSIONS.
- ④ (N) DEPARTMENT SIGNAGE, SEE A401-A402
- ⑤ WORK SURFACE TO BE CUSTOM CUT BY OFFICE WORLD

FURNITURE PLAN GENERAL NOTES

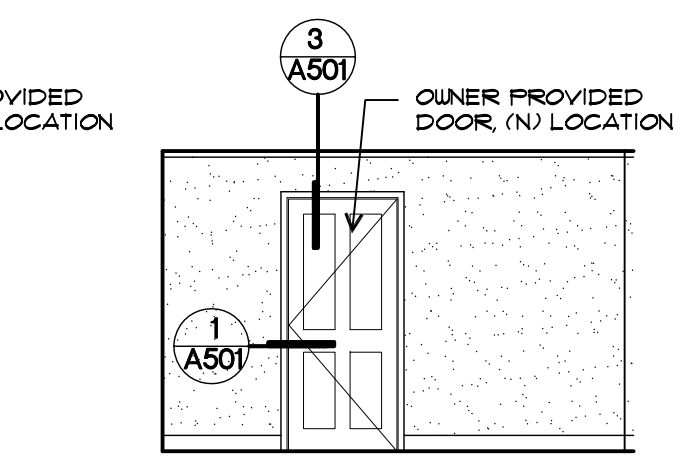
1. REFER TO G003 FOR DETAILS ON FURNITURE INVENTORY
2. ALL FURNITURE IS EXISTING, U.N.O.
3. ALL FURNITURE AND DEPARTMENT SIGNAGE TO BE CONTRACTOR FURNISHED, CONTRACTOR INSTALLED



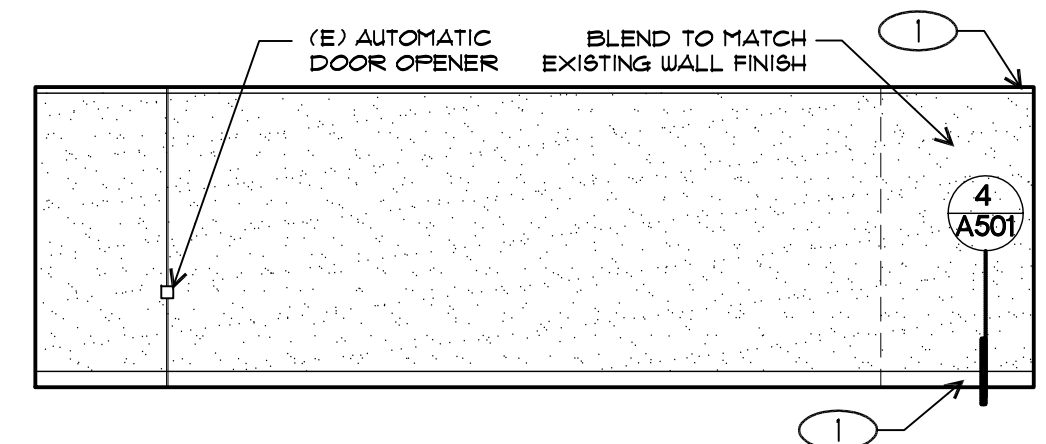
1 HI11 WEST ELEV.
SCALE 3/16" = 1'-0"



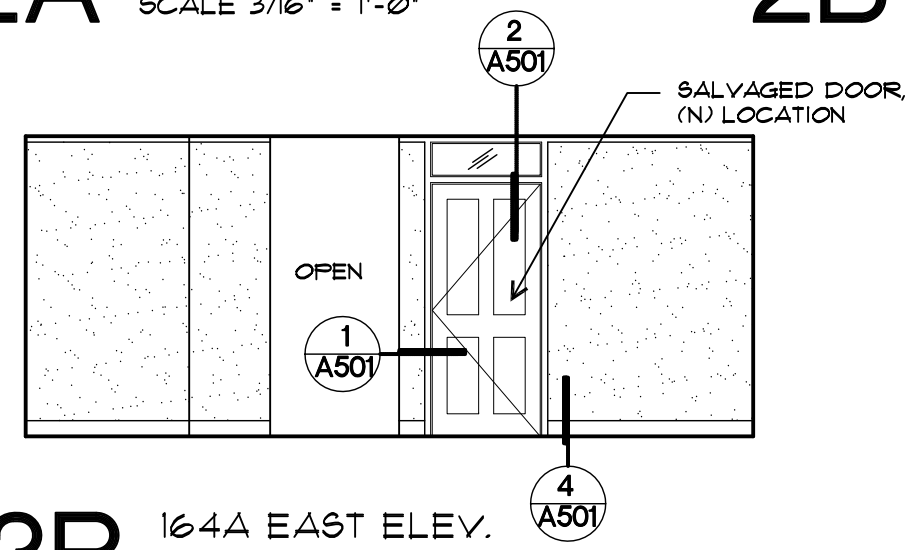
2A NEW HALLWAY NORTH ELEV.
SCALE 3/16" = 1'-0"



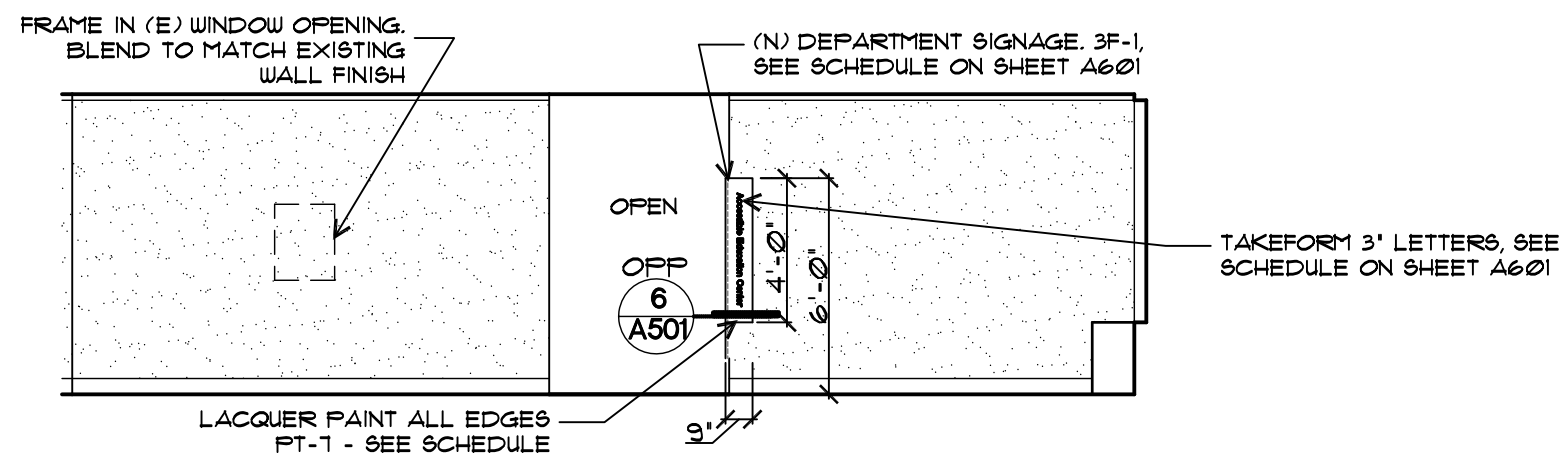
2B NEW HALLWAY NORTH ELEV.
SCALE 3/16" = 1'-0"



3A 164A NORTH ELEVATION
SCALE 3/16" = 1'-0"



3B 164A EAST ELEV.
SCALE 3/16" = 1'-0"



3C 164A EAST ELEV.
SCALE 3/16" = 1'-0"

INTERIOR ELEVATION KEYED NOTES

- ① RE-USE SALVAGED BASE AND CROWN MOLDING WHERE POSSIBLE. OTHERWISE MATCH (E) PROFILE/FINISH.
- ② (N) BUILT-IN CABINETY. FL-5, SEE SCHEDULE ON A601
- ③ CABINET PULLS - SEE SCHEDULE ON A601

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Richard Shugar
EUGENE, OREGON
STATE OF OREGON

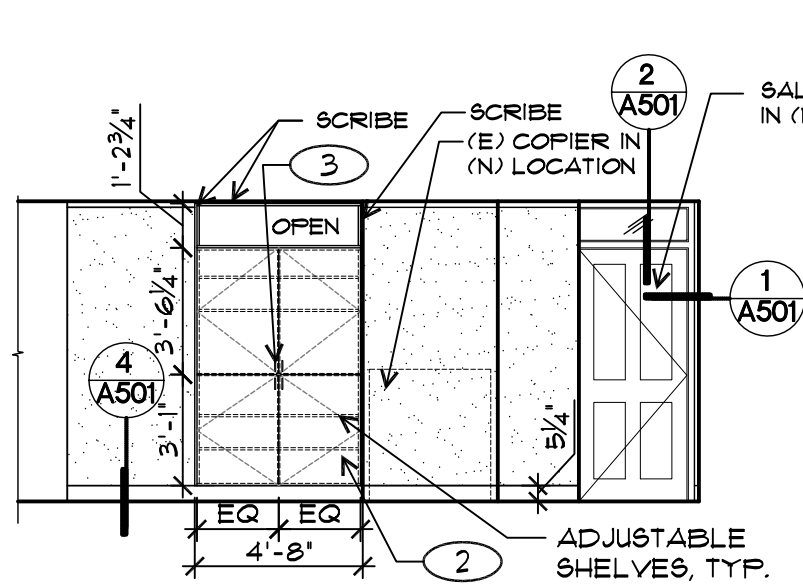
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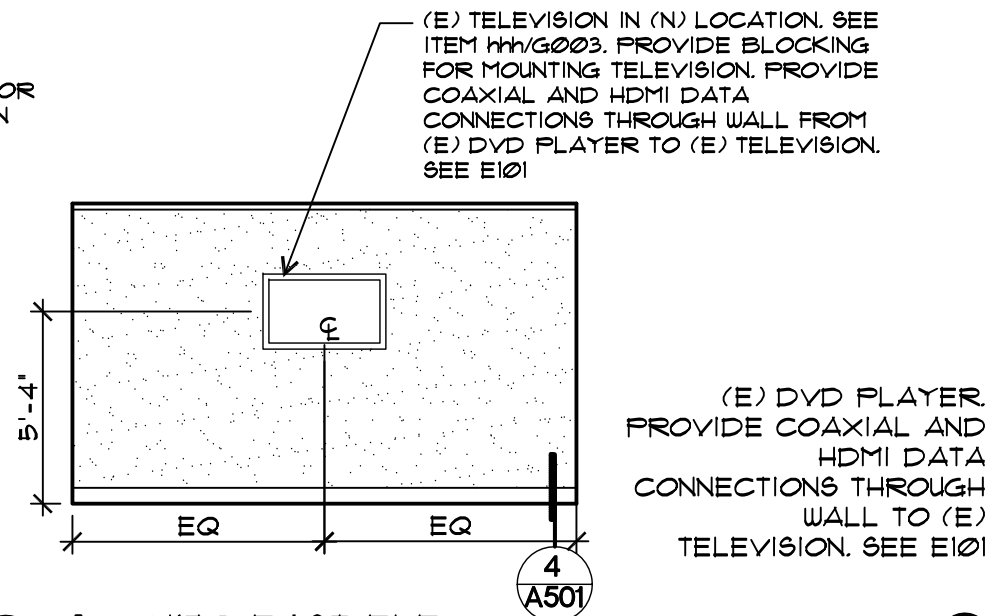
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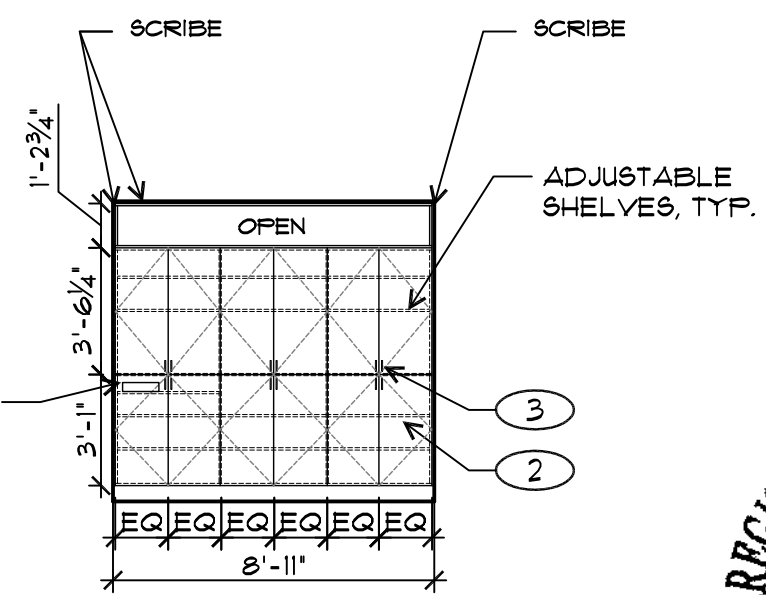
PROJECT NO. 11020
DATE 8 JUNE 2012
DRAWING TITLE **INTERIOR ELEVATIONS**
DRAWING NUMBER **A401**



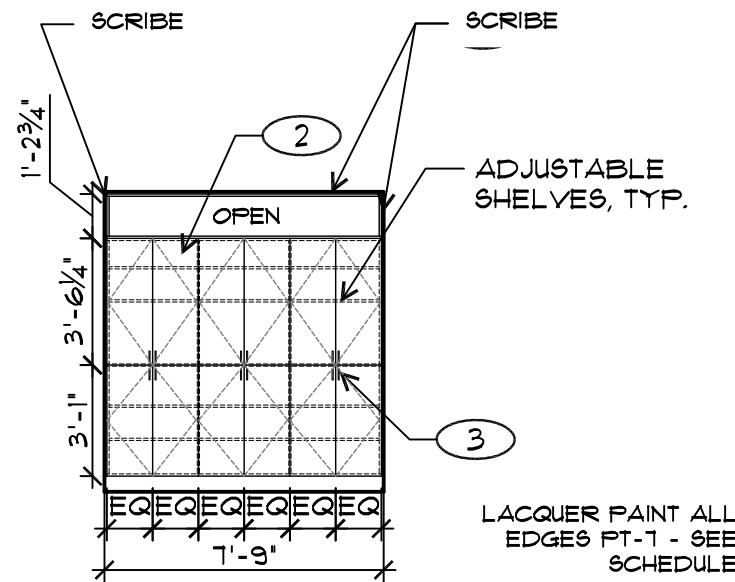
1 172 SOUTH ELEV.
SCALE 3/16" = 1'-0"



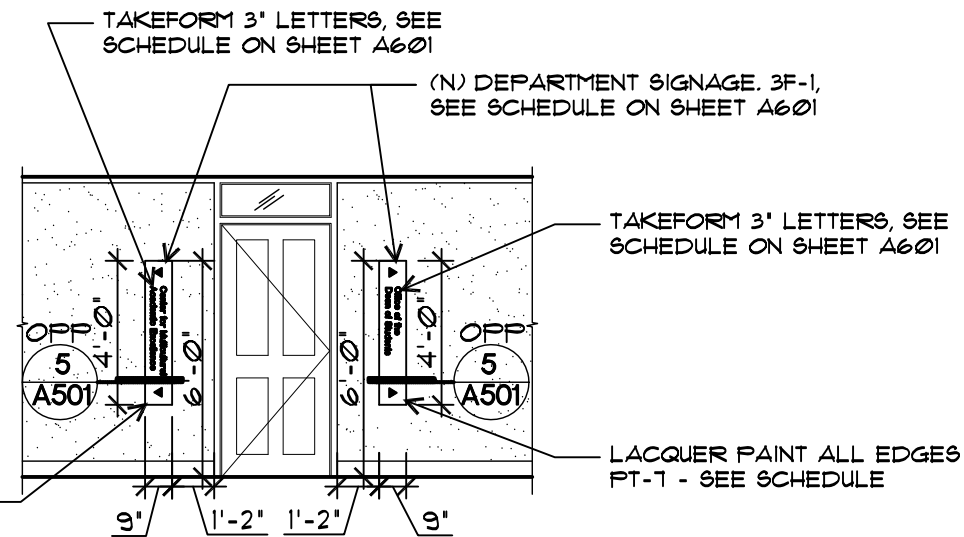
2A HITO EAST ELEV.
SCALE 3/16" = 1'-0"



2B HITO SOUTH ELEV.
SCALE 3/16" = 1'-0"



3 171 SOUTH ELEV.
SCALE 3/16" = 1'-0"



4 171 WEST ELEV.
SCALE 3/16" = 1'-0"

INTERIOR ELEVATION KEYED NOTES

- ① RE-USE SALVAGED BASE AND CROWN MOLDING WHERE POSSIBLE. OTHERWISE MATCH (E) PROFILE/FINISH.
- ② (N) BUILT-IN CABINETS. PL-5, SEE SCHEDULE ON A601
- ③ CABINET PULLS - SEE SCHEDULE ON A601

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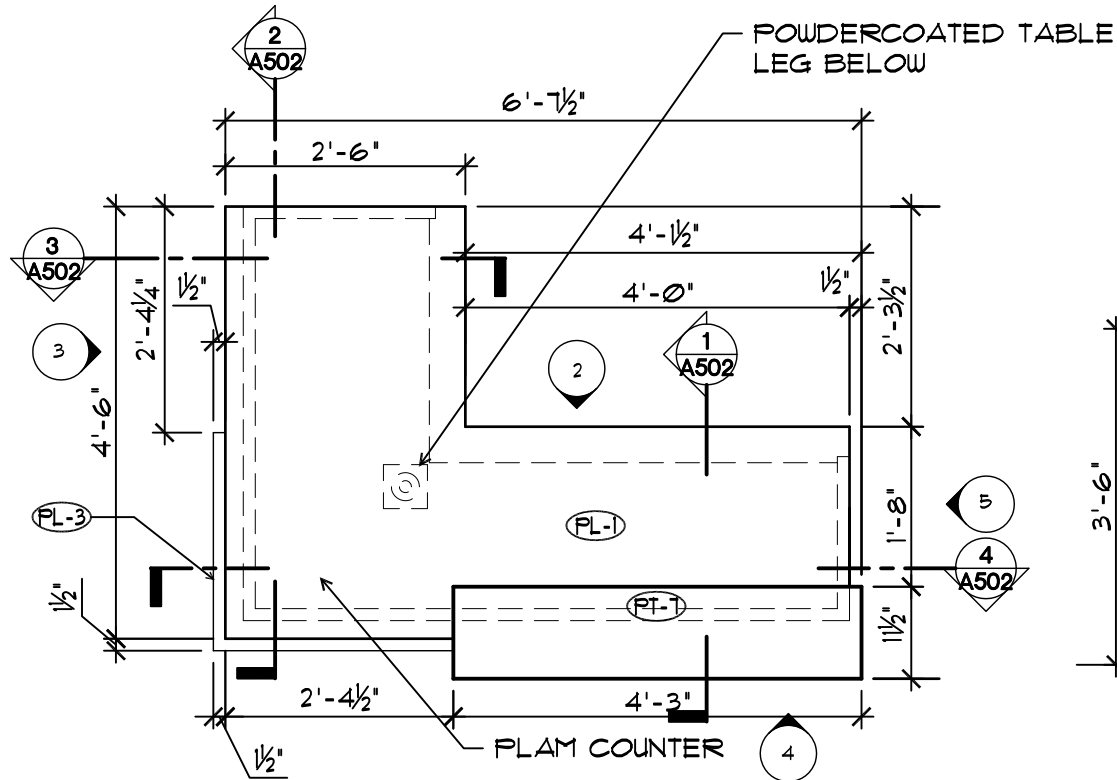
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DATE	8 JUNE 2012

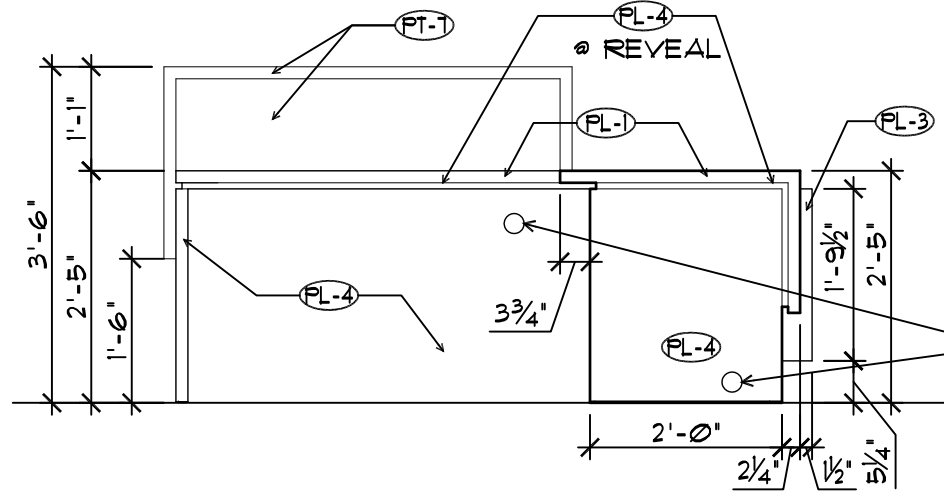
DRAWING TITLE
INTERIOR ELEVATIONS

DRAWING NUMBER

A402

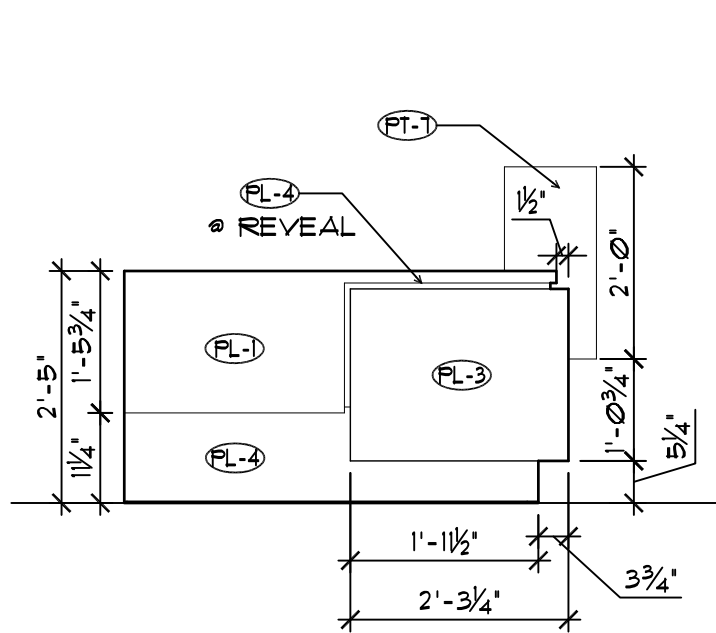


1 RECEPTION PLAN
SCALE 1/2" = 1'-0"

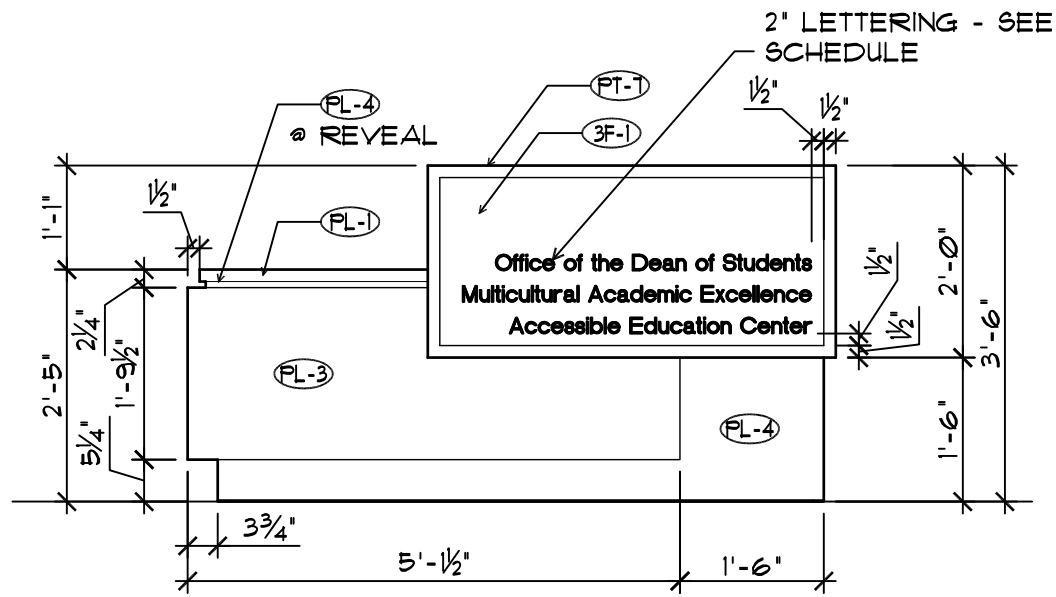


2 RECEPTION ELEVATION
SCALE 1/2" = 1'-0"

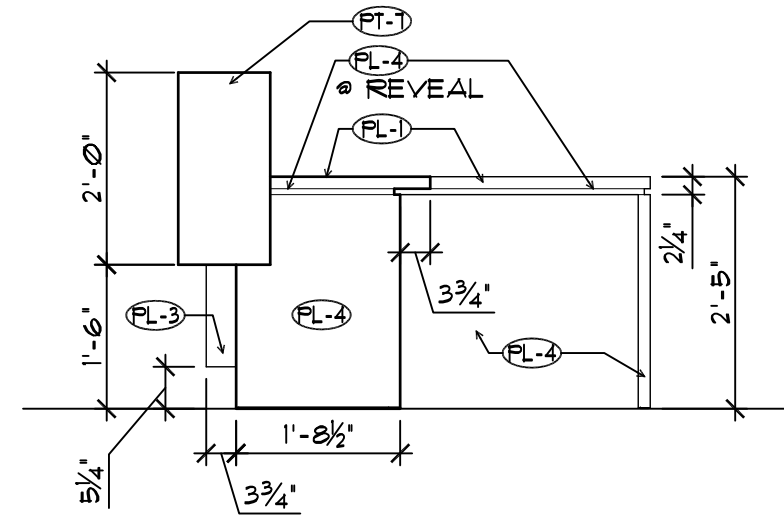
PROVIDE 2-1/2" Ø ACCESS WITH GROMMET FOR ELECTRICAL WIRING. LOCATION TO BE DETERMINED BY ARCHITECT



3 RECEPTION ELEVATION
SCALE 1/2" = 1'-0"



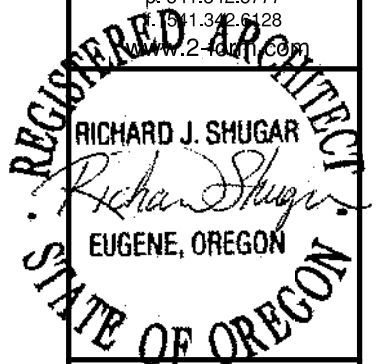
4 RECEPTION ELEVATION
SCALE 1/2" = 1'-0"



5 RECEPTION ELEVATION
SCALE 1/2" = 1'-0"



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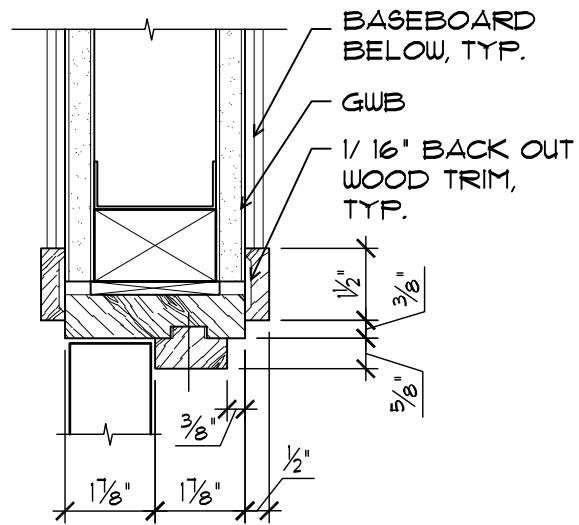
DATE 8 JUNE 2012

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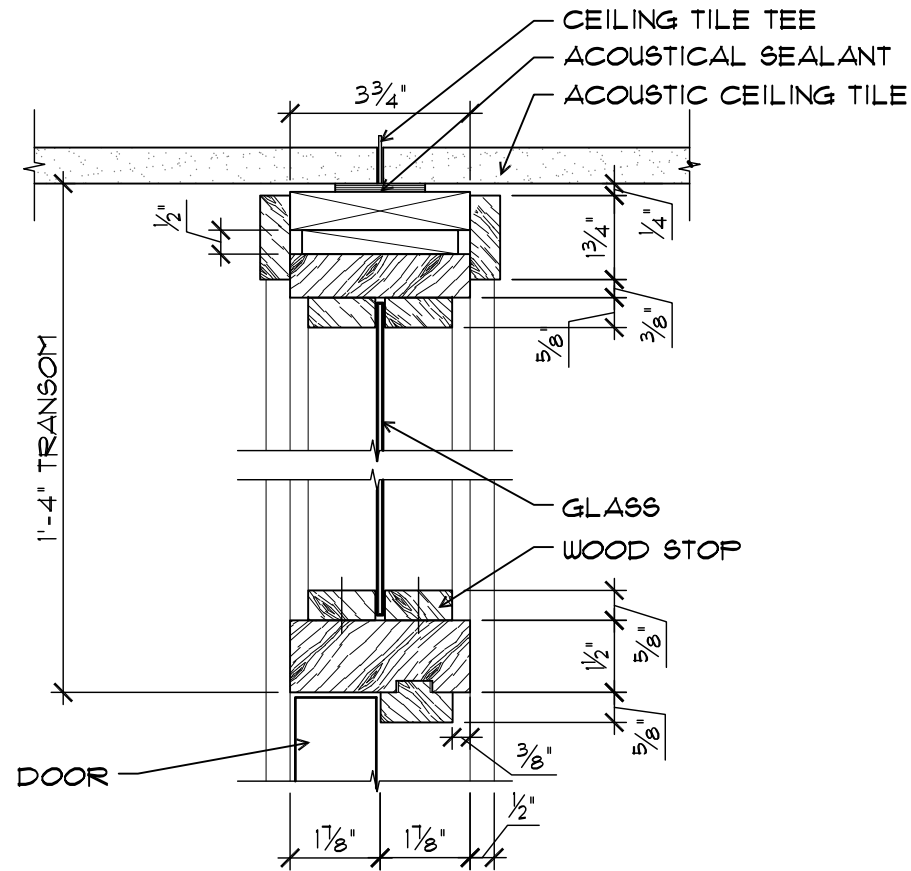
RECEPTION DESK DETAILS

DRAWING NUMBER

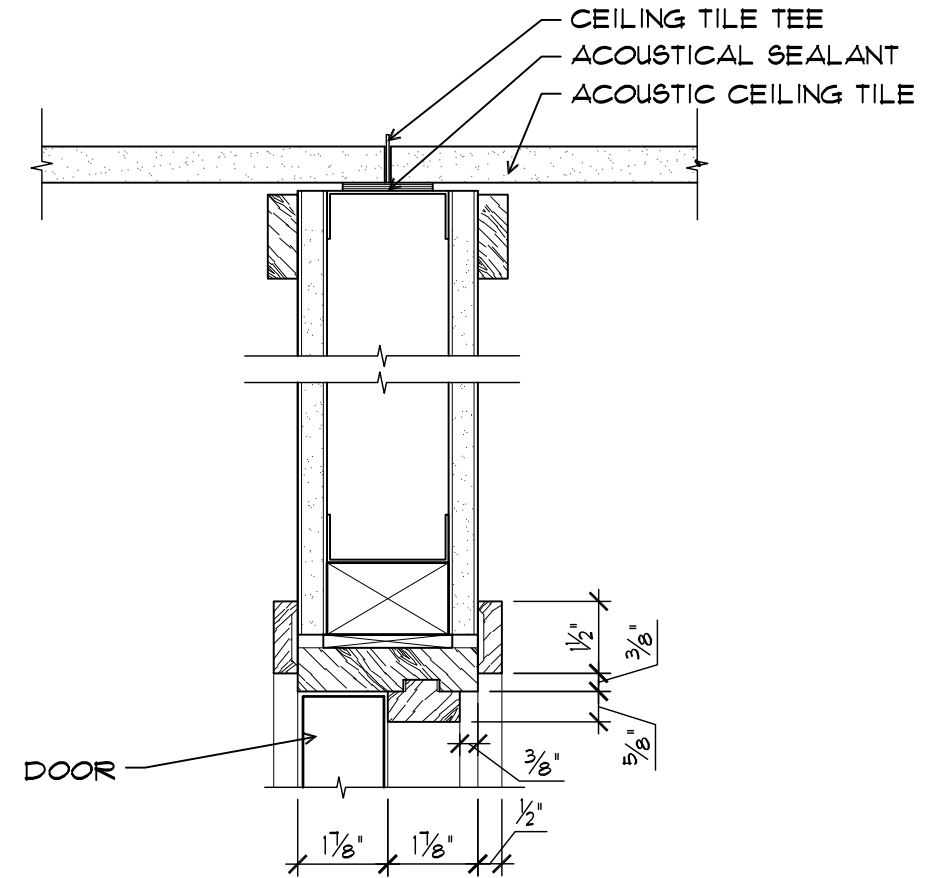
A403



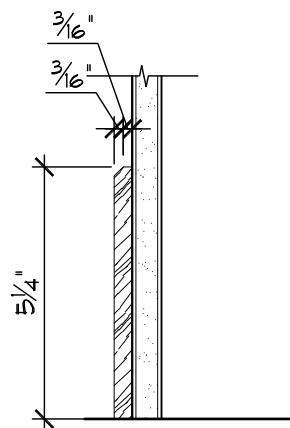
1 DOOR JAMB
SCALE 3" = 1'-0"



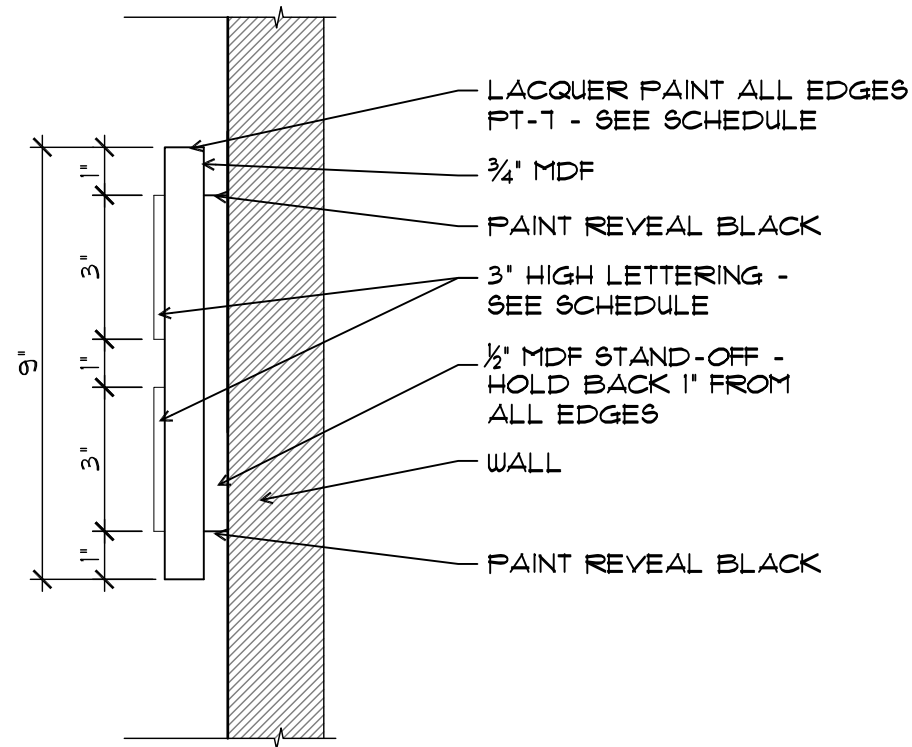
2 HEAD @ TRANSOM & DOOR
SCALE 3" = 1'-0"



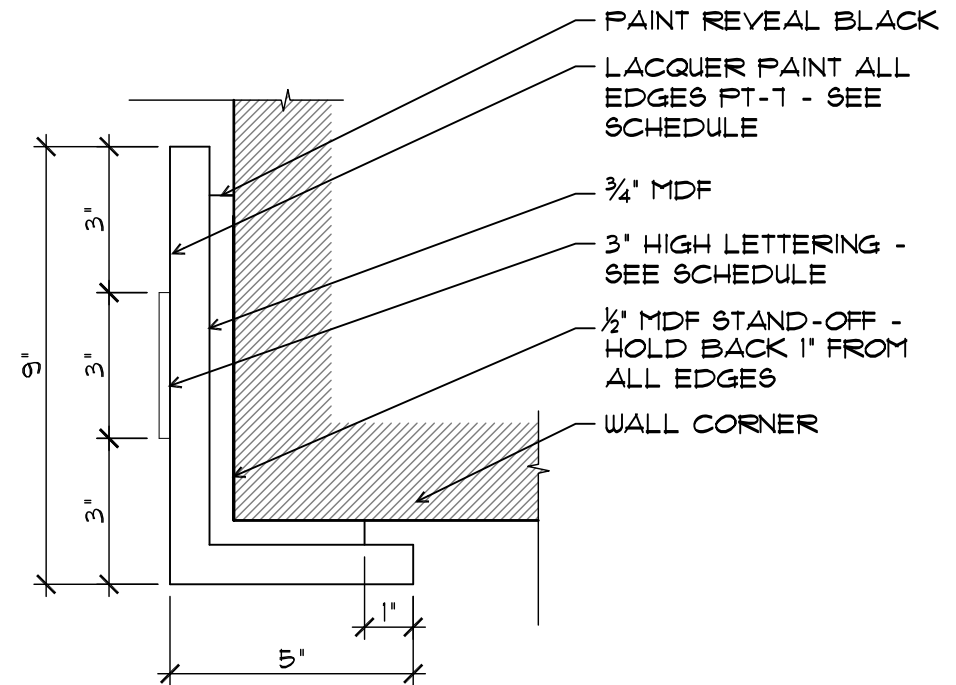
3 HEAD @ DOOR
SCALE 3" = 1'-0"



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



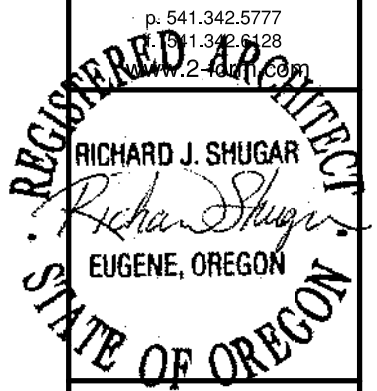
5 PLAN DETAIL @ DEPARTMENT SIGNAGE
SCALE 3" = 1'-0"



6 PLAN DETAIL @ DEPARTMENT SIGNAGE
SCALE 3" = 1'-0"



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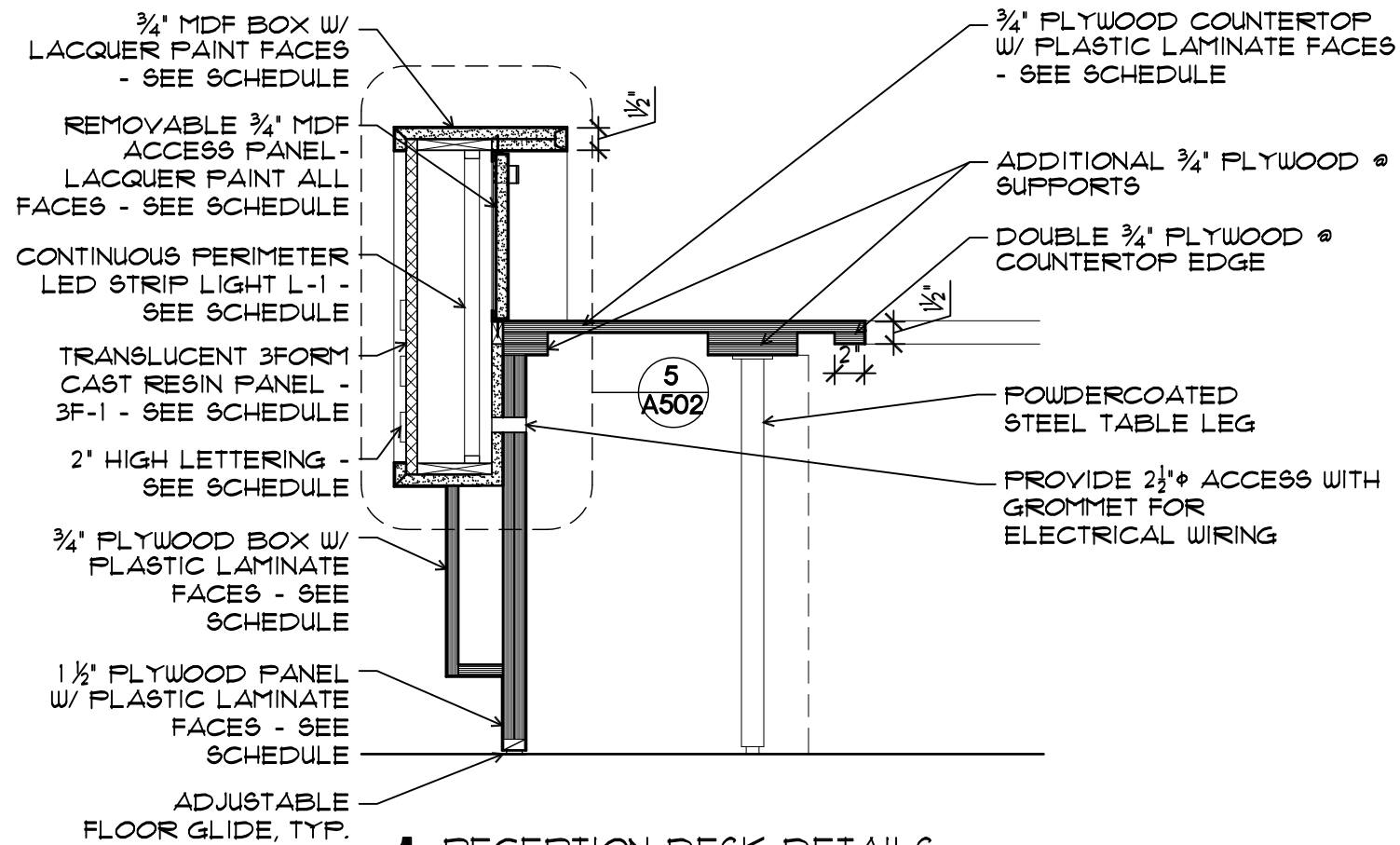
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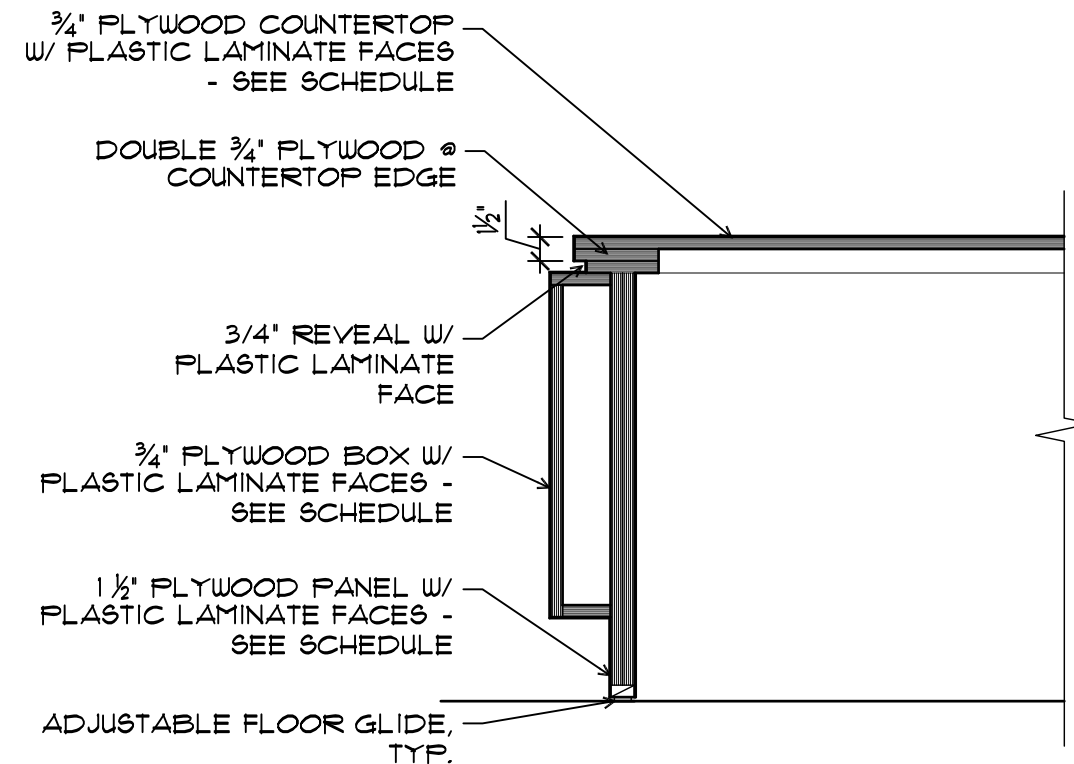
DETAILS

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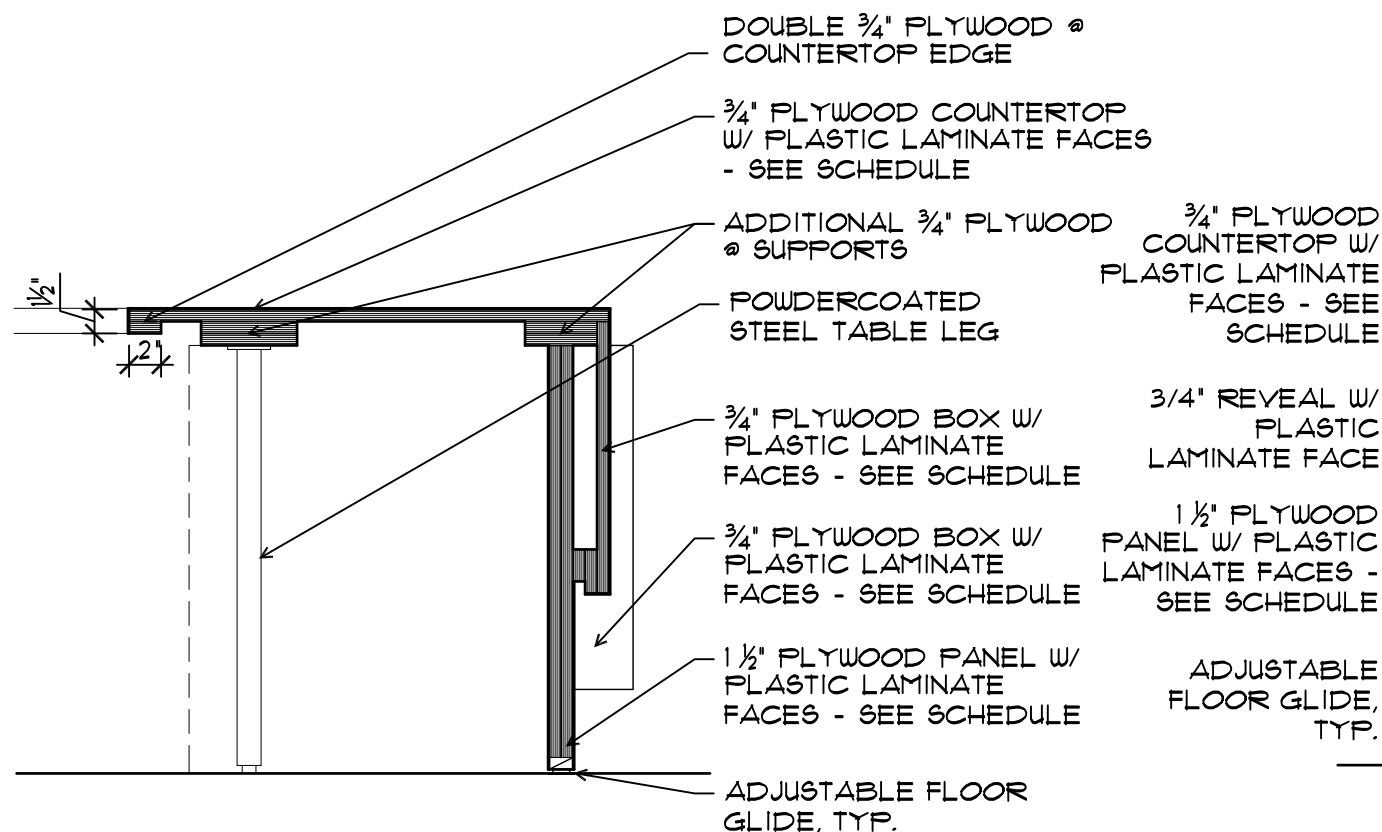
A501



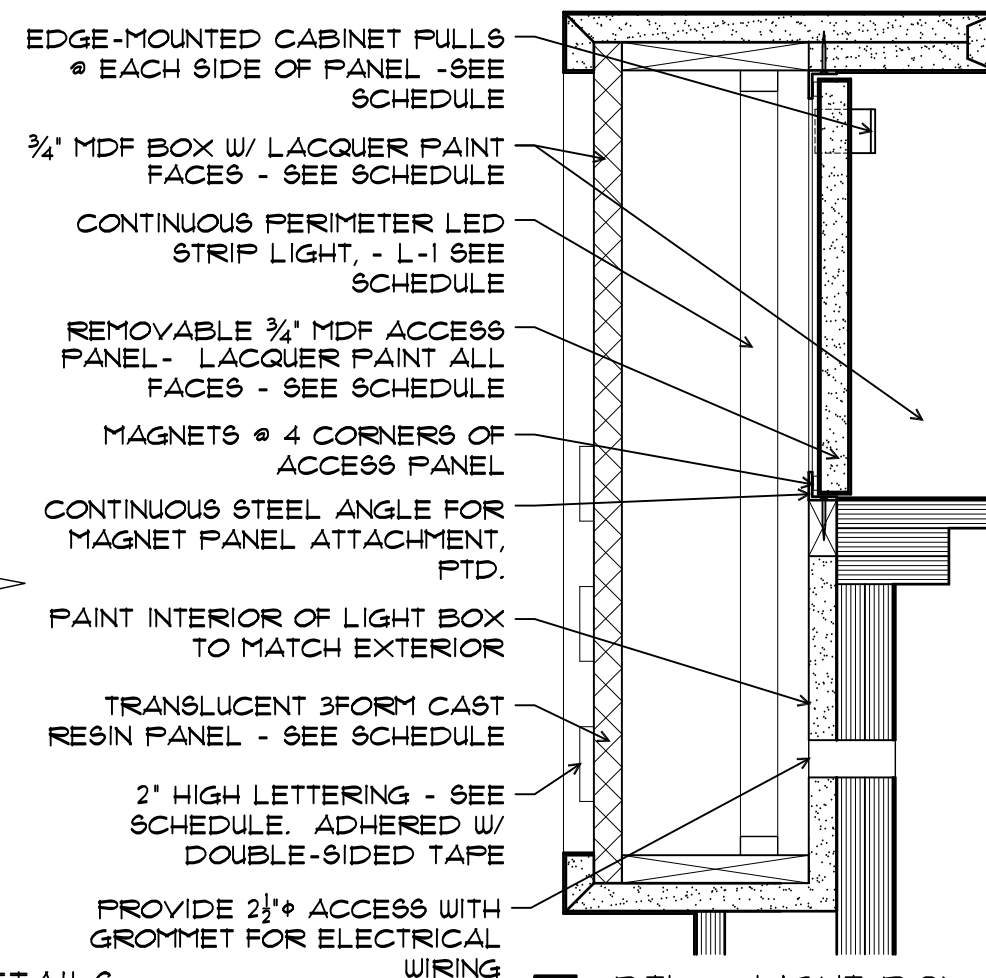
1 RECEPTION DESK DETAILS
SCALE 1" = 1'-0"



2 RECEPTION DESK DETAILS
SCALE 1" = 1'-0"



3 RECEPTION DESK DETAILS
SCALE 1" = 1'-0"



4 RECEPTION DESK DETAILS
SCALE 1" = 1'-0"

5 DTL. @ LIGHT BOX
SCALE 3" = 1'-0"

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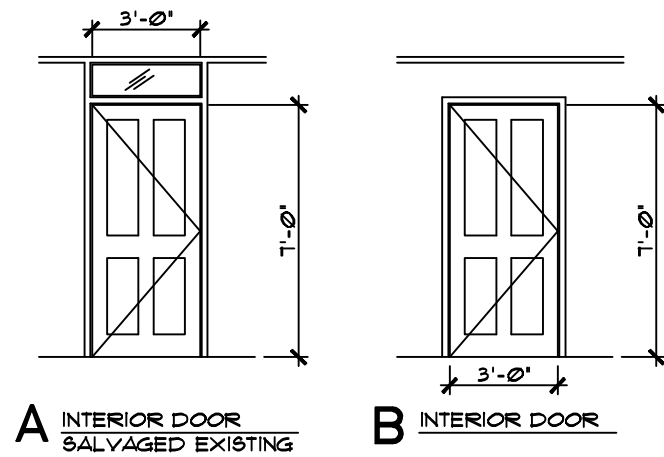
DATE 8 JUNE 2012

DRAWING TITLE

DETAILS

DRAWING NUMBER

A502



DOOR SCHEDULE							
DOOR	DOOR SIZE	DOOR THICK.	DOOR MAT'L	FRAME TYPE	FIRE RATING	HRDWR TYPE	NOTES
A	3'-0" X 7'-0" DOOR	1 3/4"	SC. WD.	WD.		MATCH EXISTING, OFCI	USE SALVAGED DOORS, TRANSOMS AND FRAMES WHEN POSSIBLE.
B	3'-0" X 7'-0" DOOR	1 3/4"	SC. WD.	WD.		MATCH EXISTING, OFCI	(N) CFCI DOOR

Symbol	Manufacturer	Product	Color/Texture/Finish	Quantity	Description
FINISHES					
PT-1	T3D	Low-VOC interior latex paint	Eggshell (Match Benjamin Moore 2151-70 Powder Sand)	Verify	Wall paint
PT-2	T3D	Low-VOC interior latex paint	Eggshell (Match Ben Moore 2144-30 Rosemary Sprig)	Verify	Wall paint
PT-3	T3D	Low-VOC interior latex paint	Eggshell (Match Ben Moore 2144-40 Soft fern)	Verify	Wall paint
PT-4	T3D	Low-VOC interior latex paint	Eggshell (Match Ben Moore 2073-10 Dark Purple)	Verify	Wall paint
PT-5	T3D	Low-VOC interior latex paint	Eggshell (Match Ben Moore HC-5 Weston Flax)	Verify	Wall paint
PT-6	T3D	Low-VOC interior latex paint	Eggshell (Match Ben Moore HC-146 Wedgewood Gray)	Verify	Wall paint
PT-7	T3D	Lacquer paint	Glossy white (Match Ben Moore OC-57 White Heron)	Verify	New custom reception and signage paint
PL-1	Formica	Plastic Laminate	Dogbone Storm #5283-58	Verify	New custom reception plastic laminate
PL-3	Wilsonart	Metal Laminate	Copper Dust #L6432	Verify	New custom reception plastic laminate
PL-4	Abet Laminati	Plastic Laminate	SEI-BK #879	Verify	New custom reception plastic laminate
PL-5	Formica	Plastic Laminate	Dogbone White #5281-58	Verify	New cabinetry plastic laminate
3F-1	3FORM	Struttura Pep	Clear+Pep+Ghost	(1) 22-1/2"x49-1/2" panel, 3/4" thick Verify	New custom reception cast resin panel
C-1	Lees	Faculty IV	4285 Vineyard	1,194 s.f. new, Verify	Modular carpet tiles. Refer to floor plan for new carpet locations
B-1	Contractor	5 1/4" wood base	match existing	Verify	Profile and dimensions to match existing historic. See 4/A501 for detail
SPECIALTY					
Shades	Hauser	Phifer Sheerweave roller shades	Sheerweave 2360, 10% open, Color: P13, Oyster / Beige	(N) shades for 52 windows, Verify	Roller shades with matching valance. Refer to floor plan for approximate window widths (verify window dimensions on site).
L-1	Diode LED	Fluid LED strip lighting	Warm White	16.4' spool, cut to fit	New custom reception lighting. Wire with 39 inch DC Extension cable (DI-0708), to inline on/off switch, to 39 inch DC extension Cable (DI-0708) to 12V DC Plug-in adapter. Clip cable to inside of desk from grommet to outlet.
Signage	Takeform	Ethos Painted Acrylic Letters	0.375" thick, Painted Acrylic, Pewter #CO102. Font: rotis san serif bold	171 letters, verify	Tapè flush, refer to Takeform for adhesive type
Cabinet pulls	Linnea Hardware	1/2" centers 3/8" squared drop down back mounted edge pull #LIN-81658	Satin Stainless	2	Cabinet pulls for new custom reception. Length: 1-3/8", Width: 1-1/8"
Cabinet pulls	Amerock	Riva 5" centers pull (AME-61592)	Satin Nickel	40, Verify	Cabinet pulls for new casework

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REGISTERED ARCHITECT
RICHARD J. SHUGAR
EUGENE, OREGON
STATE OF OREGON

PROJECT TITLE

OREGON HALL 1ST FLR
 UNIVERSITY OF OREGON
 4000 E. 30TH EUGENE OREGON

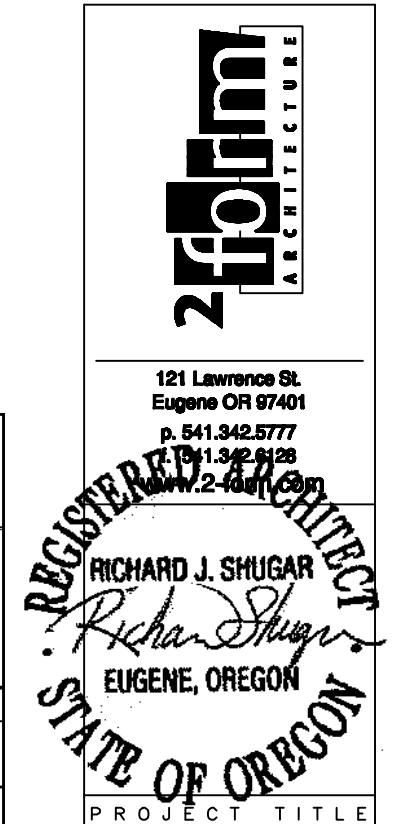
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REVISIONS		
SYM	DATE	REFERENCE

PROJECT NO. 11020
DATE 8 JUNE 2012
DRAWING TITLE
SCHEDULES
DRAWING NUMBER
A601

OREGON HALL - FIRST FLOOR
ROOM FINISH SCHEDULE

RM #	ROOM NAME	FLOOR			NORTH WALL			SOUTH WALL			EAST WALL			WEST WALL			CEILING			REMARKS	
		MAT'L	COLOR / FINISH	BASE	MAT'L	COLOR / FINISH	BASE	MAT'L	COLOR / FINISH	BASE	MAT'L	COLOR / FINISH	BASE	MAT'L	COLOR / FINISH	BASE	MAT'L	COLOR / FINISH	BASE		
		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																			
162A	OFFICE	NEW CT	C-1	B-1	EXIST	PT-2	EXIST	GWB	PT-5	B-1	EXIST	PT-2	EXIST	EXIST	PT-2	EXIST	ACT	PT-1	B-1		
162B	OFFICE	NEW CT	C-1	B-1	GWB	PT-2	B-1	GWB	PT-1	B-1	GWB	PT-2	B-1	EXIST	PT-1	EXIST	ACT	PT-1	B-1		
163A	WORKSTATION	EXIST	EXIST	EXIST	NA	NA	NA	EXIST	PT-4	EXIST	GWB	PT-4	B-1	NA	NA	NA	ACT	PT-1	B-1		
164	WORKSTATION	EXIST	EXIST	EXIST	NA	NA	NA	EXIST	PT-4	EXIST	NA	NA	NA	EXIST	PT-7	EXIST	ACT	PT-1	B-1		
164A	LOBBY	EXIST	EXIST	EXIST	GWB	PT-3 / EXIST	B-1	NA	NA	NA	EXIST	PT-2	EXIST	NA	NA	NA	ACT	PT-1	B-1	BLEND NEW PAINT PORTION OF WALL WITH EXISTING	
164D	OFFICE	NEW CT	C-1	B-1	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	
164E	OFFICE	NEW CT	C-1	B-1	EXIST	PT-4	EXIST		PT-2	B-1	EXIST	PT-2	EXIST	EXIST	PT-4	EXIST	ACT	PT-1	B-1		
164F	OFFICE	NEW CT	C-1	B-1	EXIST	PT-5	EXIST	EXIST	PT-1	EXIST	EXIST	PT-1	EXIST	EXIST	PT-6	EXIST	ACT	PT-1	B-1		
164G	OFFICE	NEW CT	C-1	B-1	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	
164H	OFFICE	NEW CT	C-1	B-1	EXIST	PT-3	EXIST	EXIST	PT-5	EXIST	EXIST	PT-6	EXIST	EXIST	PT-5	EXIST	ACT	PT-1	B-1		
166	COPY RM	NEW CT	C-1	B-1	EXIST	PT-2	EXIST	EXIST	PT-4	EXIST	EXIST	PT-2	EXIST	GWB	PT-2	B-1	ACT	PT-1	B-1		
171	STUDENTS WORKSTATIONS	NEW CT	C-1	B-1	GWB	PT-2	B-1	GWB	NA	NA	GWB	PT-2	B-1	GWB	PT-1	B-1	ACT	PT-1	B-1		
171C	STORAGE	NEW CT	C-1	B-1	EXIST	PT-2	EXIST	GWB	PT-2	MATCH EXISTING	EXIST	PT-2	EXIST	EXIST	PT-2	EXIST	ACT	PT-1	B-1		
172	COMMON RM	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	GWB	PT-4	B-1	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	ACT	PT-1	B-1		
172G	WORKSTATION	EXIST	EXIST	EXIST	NA	NA	NA	GWB	PT-4	EXIST	NA	NA	NA	GWB	PT-4	EXIST	ACT	PT-1	B-1		
172H	BREAK RM	EXIST	EXIST	EXIST	GWB	PT-4	B-1	GWB	PT-3	B-1	GWB	PT-3	B-1	NA	NA	NA	ACT	PT-1	B-1		
H164	(N) HALLWAY	EXIST	EXIST	EXIST	GWB	PT-2 / EXIST	B-1	GWB	PT-2 / EXIST	B-1	NA	NA	NA	NA	NA	NA	ACT	PT-1	B-1	BLEND NEW PAINT PORTION OF WALL WITH EXISTING	
H166	(N) HALLWAY	NEW CT	C-1	B-1	GWB	PT-2	B-1	GWB	PT-2	B-1	NA	NA	NA	NA	NA	NA	ACT	PT-1	B-1		
H171	HALLWAY	EXIST	EXIST	EXIST	NA	NA	NA	NA	NA	NA	GWB	PT-2 / EXIST	B-1	GWB	PT-2 / PT-4 / EXIST	B-1	ACT	PT-1	B-1	BLEND NEW PAINT PORTION OF WALL WITH EXISTING	
H170	STUDENTS WORKSTATIONS	NEW CT	C-1	B-1	GWB	PT-2	B-1	GWB	NA	NA	GWB	PT-1	B-1	GWB	PT-2	B-1	ACT	PT-1	B-1		
H162	HALLWAY	EXIST	EXIST	EXIST	EXIST	PT-4	EXIST	NA	NA	NA	EXIST	EXIST	EXIST	EXIST	PT-2 / PT-4	EXIST	ACT	PT-1	B-1		



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REVISIONS

SYM	DATE	REFERENCE

PROJECT NO. 11020

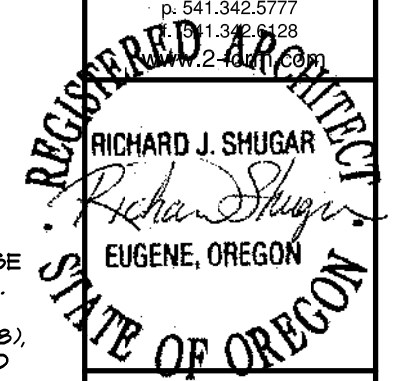
DATE 8 JUNE 2012

DRAWING TITLE

SCHEDULES

DRAWING NUMBER

A602



PROJECT TITLE

OREGON HALL 1ST FLR

UNIVERSITY OF OREGON

1585 EAST 13TH AVE, EUGENE OREGON 97403

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REVISIONS

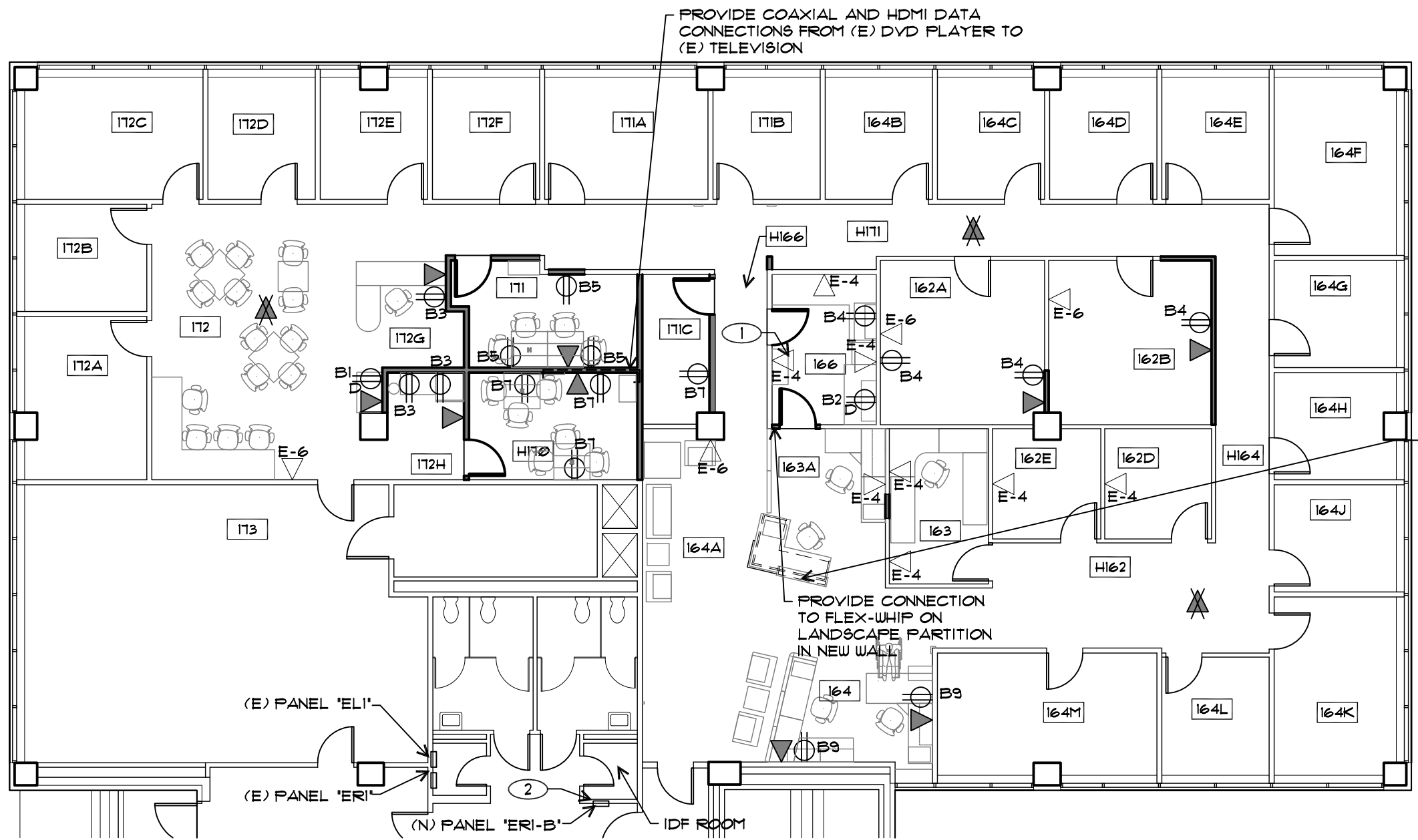
SYM	DATE	REFERENCE

PROJECT NO.	11020
DATE	8 JUNE 2012

DRAWING TITLE
POWER & DATA FLOOR PLAN

DRAWING NUMBER

E101



PROVIDE COAXIAL AND HDMI DATA CONNECTIONS FROM (E) DVD PLAYER TO (E) TELEVISION

RECEPTION LED STRIP LIGHTING TO PLUG INTO BASE OUTLETS ON PANEL SYSTEM. WIRE WITH 39 INCH DC EXTENSION CABLE (DI-0708), TO INLINE ON/OFF SWITCH, TO 39 INCH DC EXTENSION CABLE (DI-0708) TO 12V DC PLUG-IN ADAPTER. CLIP CABLE TO INSIDE OF DESK FROM GROMMET TO GROMMET.

PROVIDE CONNECTION TO FLEX-WHIP ON LANDSCAPE PARTITION IN NEW WALL

(E) PANEL 'ELI'

(E) PANEL 'ERI'

(N) PANEL 'ERB-1'

IDF ROOM

1 POWER & DATA FLOOR PLAN
SCALE 3/32" = 1'-0"



POWER & DATA PLAN LEGEND

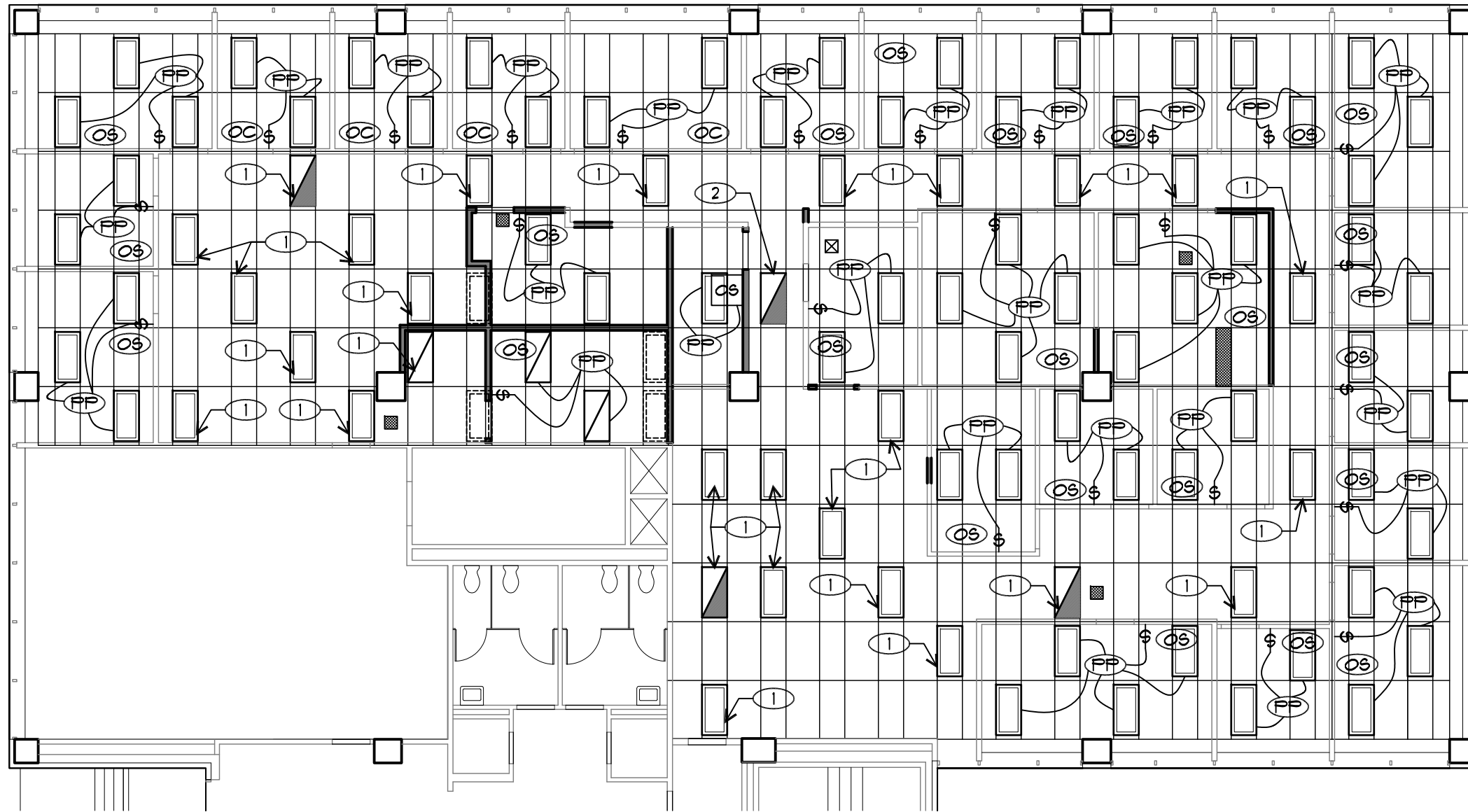
- (N) 20 AMP 120V DUPLEX
- EXISTING DUPLEX RECEPTACLE
- (N) 4 WAY VOICE / DATA FACEPLATE
- (N) WIRELESS ACCESS POINT
- EXISTING 4 WAY VOICE / DATA FACEPLATE
- EXISTING 6 WAY VOICE / DATA FACEPLATE
- (E) WALL
- (N) WALL
- (N) 120V DUPLEX RECEPTACLE ON DEDICATED CIRCUIT
- B*** REFERS TO NEW CIRCUIT ON PANEL ERB-1 UNDER ALTERNATE BID #1

POWER & DATA PLAN KEYED NOTES

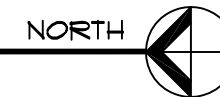
- 1** IF (N) DOOR LOCATION INTERFERES WITH EXISTING DATA, MOVE DATA TO DIFFERENT LOCATION ON SAME WALL
- 2** NEW FLUSH-MOUNTED PANEL 'ERB-1' PRICED AS AN ALTERNATE #1

POWER & DATA PLAN GENERAL NOTES

1. NEW DUPLEX RECEPTACLES TO BE ENERGIZED BY EXISTING CIRCUITS, DUE TO LACK OF BREAKER SPACE IN EXISTING PANEL.
2. INSTALL 2-1/8" DEEP BOX, SINGLE GANG MUD RING WITH 3/4" CONDUIT STUBBED TO ACCESSIBLE CEILING FOR DATA CABLING
3. PANEL 'ERB-1' WILL BE ADDED UNDER AN ALTERNATE BID. UNDER BASE BID CONTRACTOR SHALL TRACE EXISTING RECEPTACLE CIRCUITS SERVING THIS AREA AND EXTEND CIRCUITS WITH (3) RECEPTACLES OR LESS TO REMODELED AREA AS REQUIRED. CONNECT MAXIMUM OF SIX RECEPTACLES TO A COMMON CIRCUIT. KEEP RECEPTACLES DESIGNATED ON DRAWINGS ON DEDICATED CIRCUIT. COORDINATE CIRCUIT ALLOCATION WITH ENGINEER AND PROVIDE UPDATED CIRCUIT DIRECTORY.
4. PROVIDE PATHWAY BETWEEN IDF ROOM AND DATA LOCATIONS, AS REQUIRED AND SHOWN, THROUGH PLENUM. CABLE, TERMINATIONS, AND FACEPLATES TO BE PROVIDED BY OWNER
5. ALTERNATE #1:
INSTALL NEW 100% CIRCUIT BREAKER IN EXISTING PANEL 'ERI' AND USE TO FEED NEW FLUSH-MOUNTED PANEL 'ERB-1'. USE BREAKER POLES FROM CIRCUITS ABANDONED IN DEMOLITION AND REARRANGE REMAINING PANEL CIRCUITS AS REQUIRED.



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



LIGHTING PLAN LEGEND

- | | | | |
|--|---|--|--|
| | (E) 2X4 RECESSED TROFFER W/ AIR SUPPLY | | ELECTRICIAN TO PURCHASE AND INSTALL WATTSTOPPER DT-300 OCCUPANCY SENSORS |
| | (E) FIXTURE, (N) LOCATION- 2X4 RECESSED TROFFER W/ AIR SUPPLY | | ELECTRICIAN TO PURCHASE AND INSTALL WATTSTOPPER BZ-50 POWER PACK. EXTEND UNSWITCHED 277 VOLT LIGHTING CIRCUIT TO POWER PACK AND MOVE CONTROL OF ROOM LIGHTING TO LOCAL OCCUPANCY SENSOR. |
| | LIGHT FIXTURE ON EMERGENCY CIRCUIT | | (E) WALL |
| | 2X4 RECESSED TROFFER W/ AIR SUPPLY TO BE REMOVED AND REPLACED WITH ACT. | | (N) WALL |
| | (N) WATTSTOPPER LV3-1 MOMENTARY SWITCH | | WALL MOUNTED OCCUPANCY SENSOR |
| | (E) AIR RETURN TO REMAIN | | |

LIGHTING PLAN KEYED NOTES

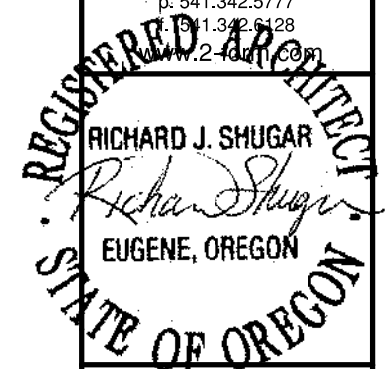
- ① LEAVE LIGHT FIXTURE ON EXISTING SWITCHED CIRCUIT ② EXTEND EMERGENCY SYSTEM CIRCUIT TO THIS FIXTURE

LIGHTING PLAN GEN. NOTES

1. SAVE ALL REMOVED TROFFERS FOR RE-USE
2. REFER TO ATTACHED ELECTRICAL DRAWINGS FOR ASSUMED (E) SWITCH AND RELAY LOCATIONS
3. WIRE OFFICE LIGHT FIXTURES TO NEW POWER PACK TO BE CONTROLLED BY NEW OCCUPANCY SENSOR AND LOW VOLTAGE MOMENTARY SWITCH
4. DEMO EXISTING LOW VOLTAGE LIGHT SWITCHES, WHERE NEW SWITCHES ARE BEING INSTALLED
5. DEMO EXISTING LOW VOLTAGE RELAY ASSOCIATED WITH REMOVED OFFICE LOW VOLTAGE SWITCH
6. DEMO EXISTING LOW VOLTAGE NON PLENUM CABLE THAT PERTAINS TO REMOVED LOW VOLTAGE SWITCH AND LOW VOLTAGE RELAY



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PROJECT TITLE

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REVISIONS

SYM	DATE	REFERENCE

PROJECT NO.	11020
DATE	8 JUNE 2012

DRAWING TITLE
LIGHTING PLAN

DRAWING NUMBER

E102

PANEL SCHEDULE

DATE: May 3, 2012
PROJECT:

PANEL: 1R2B
VOLTS: 120/208
LOCATION: Hallway
MOUNTING: Flush
NOTES:

TYPE: AMPS: 100
PHASE: 3 WIRE: 4
MAIN: Lugs

LOAD CLASS	Conn. VA	Demand Factor	Demand Load VA
LIGHTING	0	125%	0
OUTLETS	2700	*	2700
MOTOR LOADS	0	**	0
RESISTANCE LOADS	0	100%	0
SUBFEED	0	100%	0
MISC. LOADS	2400	100%	2400

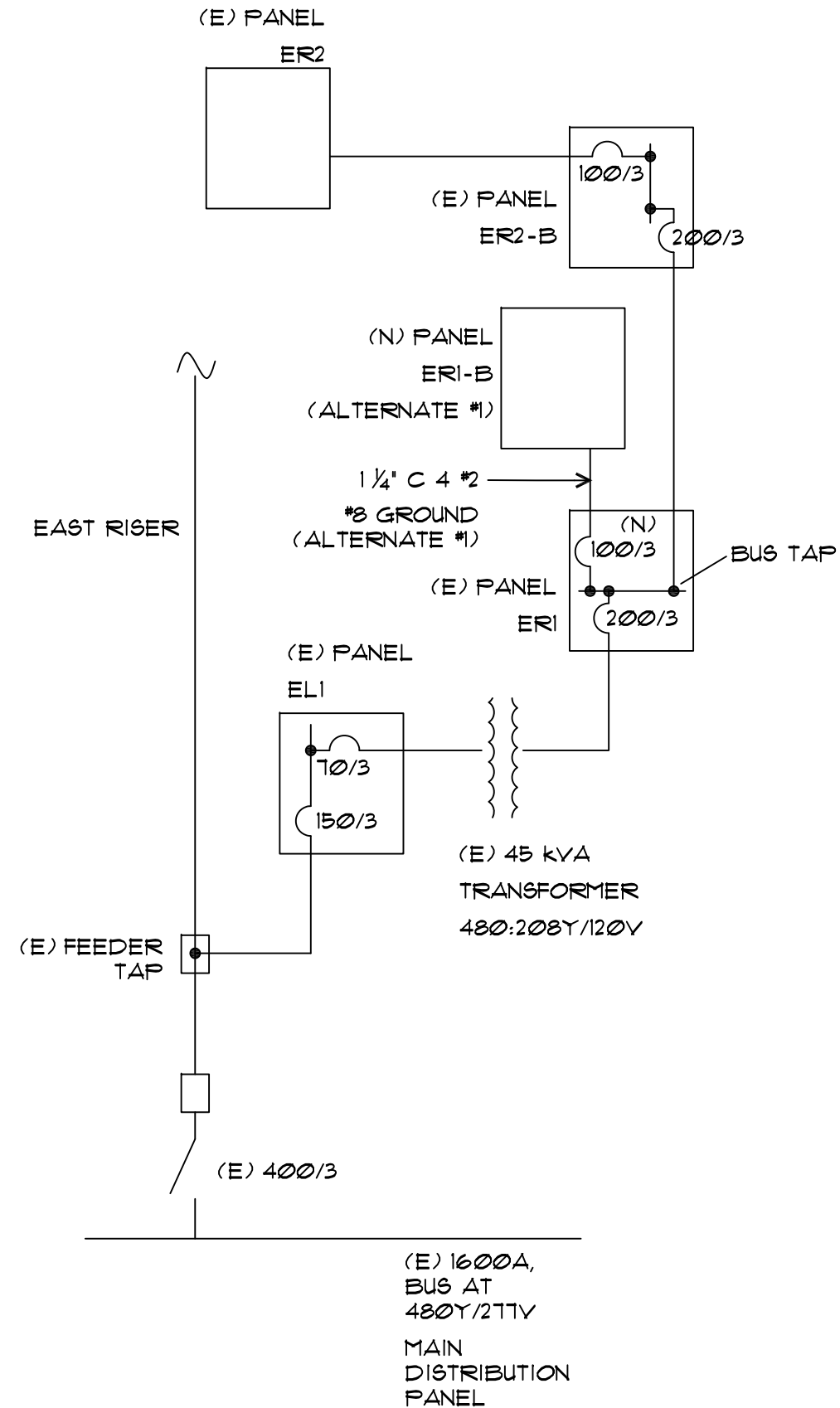
	Connected	Demand
TOTAL VOLT-AMPS	5100	5100
MAXIMUM PHASE AMPS	24.5	24.5

BREAKER A	P	DESCRIPTION	WATTS	CIR. NO.	PHASE	CIR. NO.	WATTS	DESCRIPTION	BREAKER P	A
20	1	Copy Machine	1200	1	A	2	1200	Copy Machine	1	20
20	1	Receptacles 172, 172H	540	3	B	4	540	Receptacles 162A, 162B, 166	1	20
20	1	Receptacles 171	540	5	C	6		Spare	1	20
20	1	Receptacles 171C, H170	540	7	A	8		Spare	1	20
20	1	Receptacles 164	540	9	B	10		Spare	1	20
20	1	Spare		11	C	12		Spare	1	20
20	1	Spare		13	A	14		Spare	1	20
20	1	Spare		15	B	16		Spare	1	20
20	1	Spare		17	C	18		Spare	1	20
20	1	Spare		19	A	20		Spare	1	20
		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				
				33	B	34				
				35	C	36				
				37	A	38				
				39	B	40				
				41	C	42				

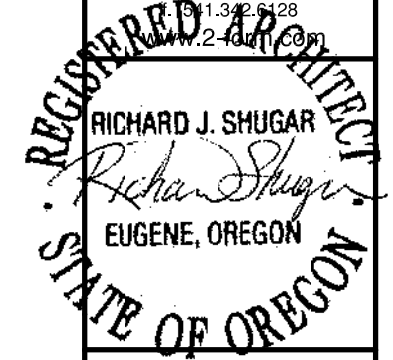
PHASE TOTALS		A			B			C					
		Connected VA	Demand VA	Connected Amps	Demand Amps	Connected VA	Demand VA	Connected Amps	Demand Amps	Connected VA	Demand VA	Connected Amps	Demand Amps
		2940	2940	24.5	24.5	1620	1620	13.5	13.5	540	540	4.5	4.5

* 10kVA at 100%, remainder at 50%
** 100% plus 25% of the largest Motor

PARTIAL ELECTRICAL ONE LINE DIAGRAM



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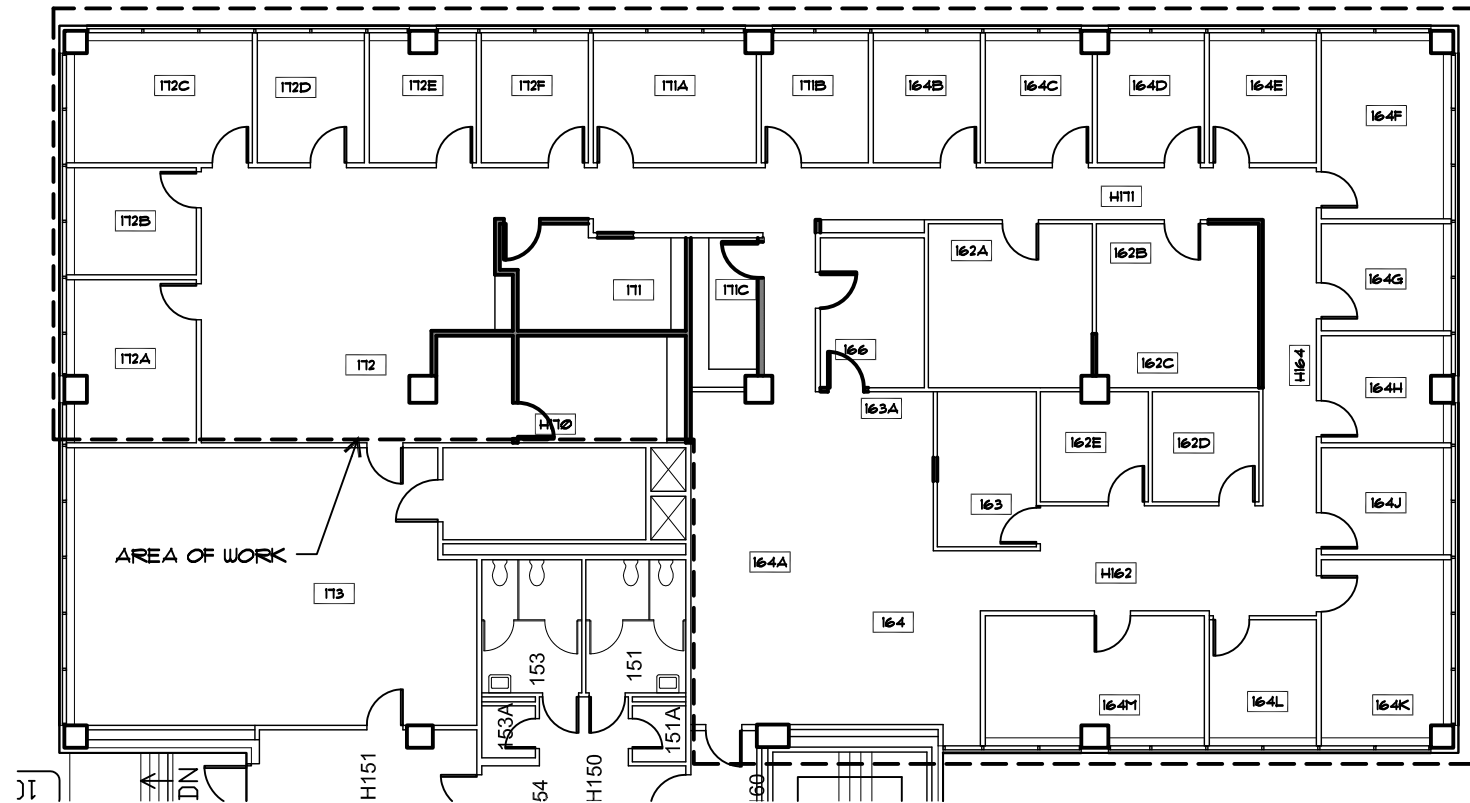
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REVISIONS		
SYM	DATE	REFERENCE

PROJECT NO. 11020
DATE 8 JUNE 2012

DRAWING TITLE
ELECTRICAL SCHEDULES

DRAWING NUMBER
E103




1 EXTENT OF DUCT CLEANING AREA

SCALE 1/16" = 1'-0"



DUCT CLEANING SPECIFICATION

- FOLLOW NATIONAL AIR DUCT CLEANERS ASSOCIATION SPECIFICATION "ACR 2006"
- FILTER BOX INSTALLATION
 - o CALCULATE SIZE OF NEW FILTER BOX AND FILTERS, SO AS TO NOT ADVERSELY IMPACT SYSTEM AIRFLOW.
 - o INSTALL A "MERV-8" OR APPROVED EQUAL FILTER BOX ON THE SUPPLY SIDE OF THE TERMINAL UNIT DISCHARGE.
 - o FILTER BOX TO BE HINGED AND SEALED SO THERE IS NO LEAKAGE. SUBMIT SHOP DRAWING INDICATING COORDINATED HINGE DOOR LOCATIONS FOR APPROVAL.
 - o PROVIDE SMACNA TRANSITIONS FROM DUCT AND TERMINAL UNIT TO FILTER BOX, DO NOT CHOKE OR IMPEDE AIRFLOW IN TRANSITIONS.
- FLEXIBLE DUCT REPLACEMENT:
 1. REPLACE ALL LOW PRESSURE FLEXIBLE DUCTS THAT RUN FROM THE TRUNK LINE TO THE LIGHT FIXTURES, CEILING DIFFUSERS, AND PERIMETER DIFFUSERS WITH "ATCO 10" OR APPROVED EQUAL.
 2. REPLACE DAMAGED MEDIUM PRESSURE FLEXIBLE DUCT FROM THE AIR HANDLER SUPPLY TRUNK TO THE TERMINAL UNIT WITH "THERMAFLEX S-LP" OR APPROVED EQUAL. (ASSUME 75%) INSULATE MEDIUM PRESSURE FLEX AFTER INSTALLATION: "THERMAFLEX S-LP" COMES UN-INSULATED.
- INDUCTION BOXES:
 - o FOR INDUCTION BOX TERMINAL UNITS THAT DO NOT HAVE A HEATING COIL, INSTALL 20X25 SLIDE-IN FILTERS ON THE INDUCTION DAMPERS ON SIDE OF THE FILTER BOX (LOW PRESSURE INLET).
 - o USE SMACNA TRANSITION FROM INDUCTION INLET ON BOX TO FILTER SIZE. DO NOT CHOKE OR IMPEDE AIRFLOW.
- LIGHTING:
 - o CLEAN EXISTING LIGHT FIXTURE TROFFERS.
- PERFORMANCE OF MACHINERY:
 - o THE USE OF A HIGH EFFICIENT HEPA FILTRATION MACHINE FOR INTERIOR MECHANICAL EQUIPMENT IS REQUIRED PER NADCA "ACR 2006" MINIMUM REQUIREMENTS. MACHINERY TO BE "ABATEMENT TECHNOLOGIES HEPA-AIRE H45001V" OR APPROVED EQUAL.
- YEARS EXPERIENCE:
 - o MINIMUM OF 5 YEARS EXPERIENCE REQUIRED FOR CREW
- TIME:
 - o WORK TO BE DONE AFTER WORK HOURS.
 - o MEANS AND METHODS TO BE DETERMINED BY CONTRACTOR.
- TESTING AND BALANCING OF CLEANED SYSTEMS WILL BE PROVIDED BY OWNER
- AT EACH FILTER LOCATION, INSTALL A SMALL ENGRAVED TAG (APPROXIMATELY 0.5" X 1.0", WHITE FIELD WITH BLACK LETTERS, STATING: FILTER) APPLIED TO THE CEILING GRID AT THE ACCESS POINT FOR FILTER MAINTENANCE.
- VACUUM TOPS OF ALL CEILING TILE IN VICINITY OF OTHER WORK. ANY TILE REMOVED MUST HAVE ANY EXPOSED FIBERGLASS EDGES SEALED PRIOR TO RE-INSTALLATION.
- SUPPLY FAN AND MECHANICAL ROOM SHALL BE CLEANED IN ACCORDANCE WITH NADCA "ACR 2006" STANDARDS. INCLUDE BLOWER WHEEL, FLENUM, FILTER BANK, AND ALL SURFACES. REPLACE FILTERS (OWNER SUPPLIED) AFTER CLEANING IS COMPLETED.



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REGISTERED ARCHITECT
Richard J. Shugar
RICHARD J. SHUGAR
 EUGENE, OREGON
STATE OF OREGON

PROJECT TITLE

OREGON HALL 1ST FLR

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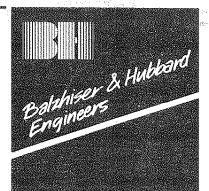
REVISIONS		
SYM	DATE	REFERENCE

PROJECT NO. 11020

DATE 8 JUNE 2012

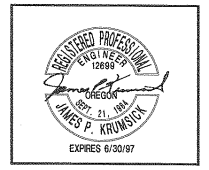
DRAWING TITLE
DUCT CLEANING SPECIFICATION

DRAWING NUMBER
M101



MECHANICAL, ELECTRICAL,
CIVIL CONSULTANTS

875 LINCOLN ST. / EUGENE, OR 97401
541 688-8478 / 541 345-5303 FAX
P.O. BOX 10347 / EUGENE, OR 97440



SHEET TITLE
ELECTRICAL SCHEDULES,
SYMBOL LIST, SITE PLAN

PROJECT TITLE
UNIVERSITY OF OREGON
OREGON HALL -
ENERGY CONSERVATION MEASURES

DATE
4/10/95

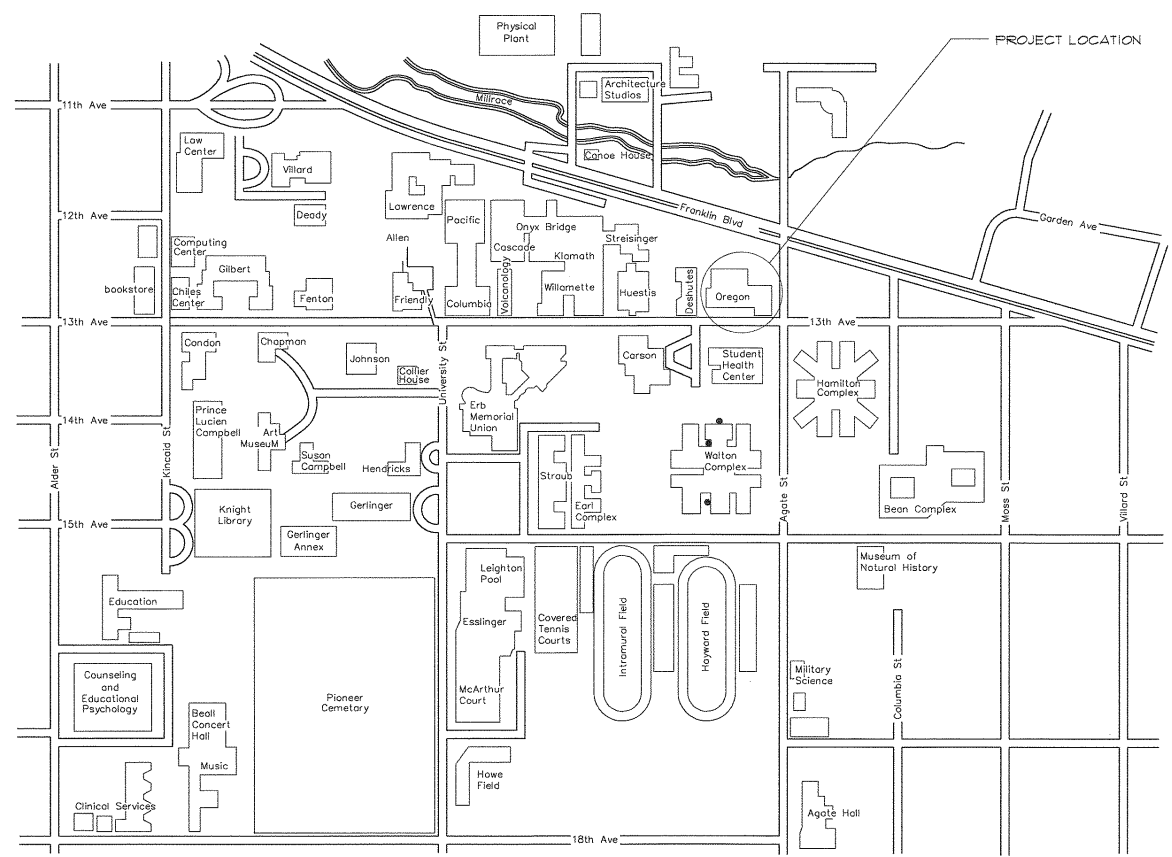
DESIGNER
JPK

PROJECT
893793

FILENAME

LUMINAIRE SCHEDULE						
TYPE	DESCRIPTION	MOUNTING	LAMPS	VOLTAGE	MANUFACTURER	CATALOG NO.
A	PARABOLIC TROFFER 2'x4'	RECESSED CEILING	(2) F32T8 3500K	277V	LITHONIA	2FM4 G H 2 32 12 D 211, WELECTRONIC BALLAST, HEAT REMOVAL AIR FUNCTION.
AE	PARABOLIC TROFFER 2'x4'	RECESSED CEILING	(2) F32T8 3500K	277V	LITHONIA	2FM4 G H 2 32 12 D 211 EL, WELECTRONIC BALLAST, AND EMERGENCY BATTERY PACK, HEAT REMOVAL AIR FUNCTION.
B	PARABOLIC TROFFER 2'x4'	RECESSED CEILING	(2) F32T8 3500K	277V	LITHONIA	2FM4 G A 2 32 12 D 211, WELECTRONIC BALLAST, AIR SUPPLY FIXTURE AT SAME LOCATION AS PREVIOUS AIR SUPPLY FIXTURE.
BE	PARABOLIC TROFFER 2'x4'	RECESSED CEILING	(2) F32T8 3500K	277V	LITHONIA	2FM4 G A 2 32 12 D 211 EL, WELECTRONIC BALLAST, AND EMERGENCY BATTERY PACK, AIR SUPPLY FIXTURE AT SAME LOCATION AS PREVIOUS AIR SUPPLY FIXTURE.
C	PARABOLIC TROFFER 2'x4'	RECESSED CEILING	(2) F32T8 3500K	277V	LITHONIA	2FM4 G A 2 32 12 D 211, WELECTRONIC BALLAST, AIR SUPPLY FIXTURE AT NEW LOCATION, REROUTE SUPPLY LINE TO NEW FIXTURE.
CE	PARABOLIC TROFFER 2'x4'	RECESSED CEILING	(2) F32T8 3500K	277V	LITHONIA	2FM4 G A 2 32 12 D 211 EL, WELECTRONIC BALLAST, AND EMERGENCY BATTERY PACK, AIR SUPPLY FIXTURE AT NEW LOCATION, REROUTE SUPPLY LINE TO NEW FIXTURE.
D	PARABOLIC TROFFER 2'x4'	RECESSED CEILING	(2) F32T8 3500K	277V	LITHONIA	2FM4 G A 2 32 12 D 211, WELECTRONIC BALLAST, AIR SUPPLY FIXTURE, EXTEND SUPPLY LINE TO NEW FIXTURE.
DE	PARABOLIC TROFFER 2'x4'	RECESSED CEILING	(2) F32T8 3500K	277V	LITHONIA	2FM4 G A 2 32 12 D 211 EL, WELECTRONIC BALLAST, AND EMERGENCY BATTERY PACK, AIR SUPPLY FIXTURE, EXTEND SUPPLY LINE TO NEW FIXTURE.
E	SAME AS TYPE "A"					
F	PARABOLIC TROFFER	LAY IN ABOVE EXISTING GRID	(1) F32T8 3500K	277V	LITHONIA	FM0 G B 1 32 9L6 277, WELECTRONIC BALLAST, AIR SUPPLY FUNCTION
EX	EXIT LIGHT	SURFACE	LED6	277V	HUBBELL	
S	STRIPLIGHT	SURFACE	(1) F32T8	277V	LITHONIA	C140 277, WELECTRONIC BALLAST.
W	PARABOLIC WALL WASHER	SURFACE	(2) F40BX	277V	COLUMBIA	LWW SERIES-8" x 48" SURFACE WALL WASHER.

ELECTRICAL SYMBOLS LIST		
SYMBOL	ABBR	DESCRIPTION
		FLUORESCENT FIXTURE, CODE LETTER SHOWN.
		ARROW INDICATES AIR SUPPLY LINE TO BE REROUTED OR EXTENDED FROM (R) FIXTURE TO NEW FIXTURE.
		FLUORESCENT STRIPLIGHT, CODE LETTER SHOWN.
		LIGHT OUTLET, RECESSED CEILING, CODE LETTER SHOWN.
		LIGHT OUTLET ON EMERGENCY CIRCUIT.
		LIGHT OUTLET, BRACKET, CODE LETTER SHOWN.
		SWITCH, SINGLE POLE.
		PHOTO-ELECTRIC CELL.
		OUTLET (W/EQUIPMENT CONNECTION).
		MOTOR OUTLET.
		DISCONNECT SWITCH.
		WIRING IN OR ON CEILING OR WALLS.
		CONDUCTORS IN CONDUIT, THREE SHOWN, #2 UON.
		HOME RUN TO PANEL.
		BRANCH PANEL, FLUSH MOUNTED.
		BRANCH PANEL, SURFACE MOUNTED.
		NOTE REFERENCE.
		ROOM NUMBER.
(N)		INDICATES NEW DEVICE.
(E)		INDICATES EXISTING DEVICE.
(R)		INDICATES EXISTING DEVICE TO BE REMOVED.
(RP)		INDICATES EXISTING DEVICE TO BE REPLACED WITH NEW DEVICE AT SAME LOCATION.
		3-POSITION, LOW VOLTAGE WALL SWITCH.
		LOW VOLTAGE, LIGHTING CONTROL RELAY.



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SHEET TITLE

FIRST FLOOR PLAN

PROJECT TITLE

**UNIVERSITY OF OREGON
OREGON HALL -
ENERGY CONSERVATION MEASURES**

DATE
4/10/95

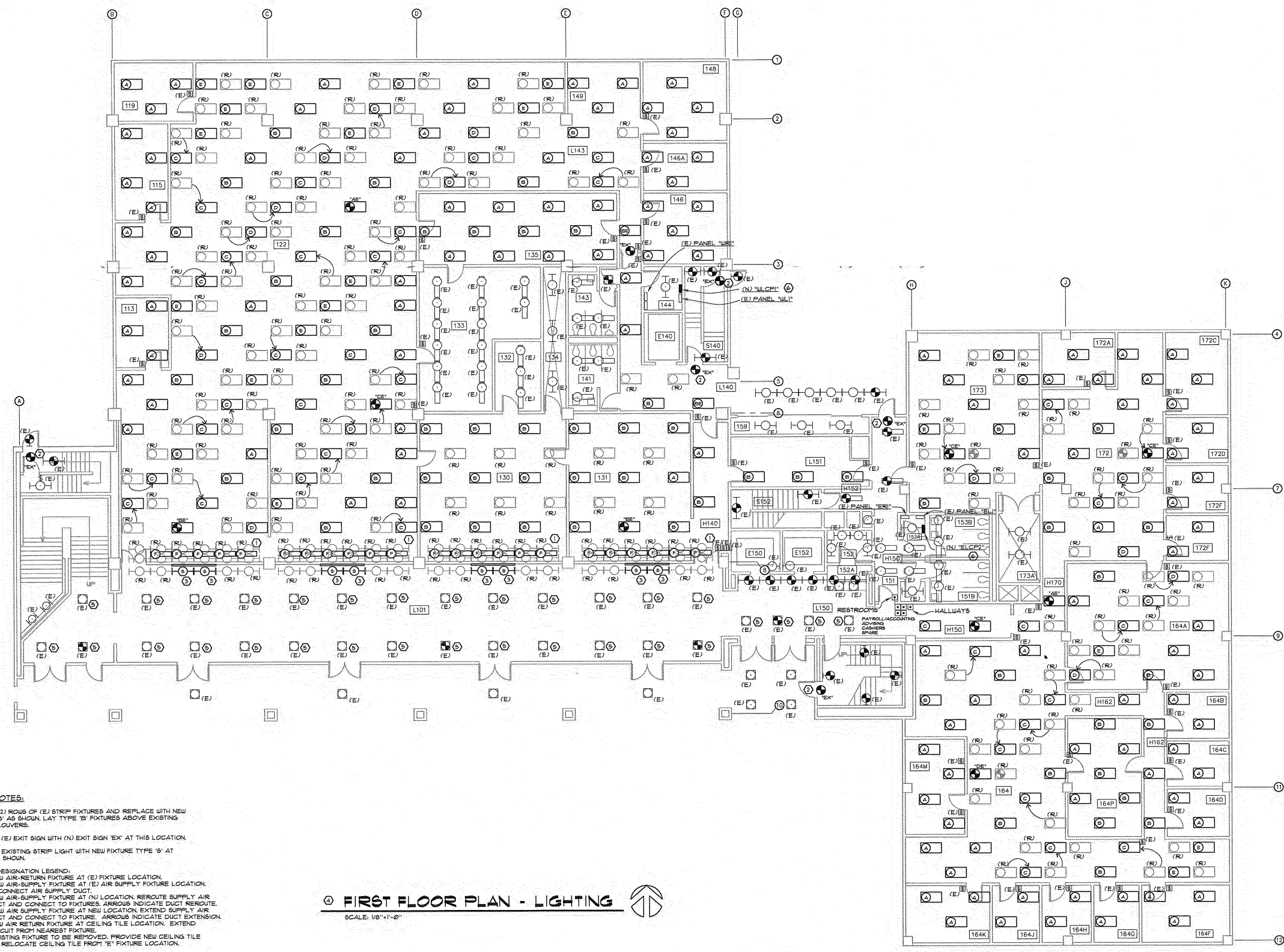
DESIGNER
JPK

PROJECT
893793

FILENAME
89373E2.DWG

SHEET NO

E2



- PLAN NOTES:**
- 1 REMOVE (2) ROWS OF (E) STRIP FIXTURES AND REPLACE WITH NEW FIXTURE 'B' AS SHOWN. LAY TYPE 'B' FIXTURES ABOVE EXISTING PLASTIC LOUVERS.
 - 2 REPLACE (E) EXIT SIGN WITH (N) EXIT SIGN 'EX' AT THIS LOCATION.
 - 3 REPLACE EXISTING STRIP LIGHT WITH NEW FIXTURE TYPE 'B' AT LOCATION SHOWN.
 - 4 FIXTURE DESIGNATION LEGEND:
 'A' NEW AIR-RETURN FIXTURE AT (E) FIXTURE LOCATION.
 'B' NEW AIR-SUPPLY FIXTURE AT (E) AIR SUPPLY FIXTURE LOCATION. RECONNECT AIR SUPPLY DUCT.
 'C' NEW AIR-SUPPLY FIXTURE AT (N) LOCATION. REROUTE SUPPLY AIR DUCT AND CONNECT TO FIXTURES. ARROWS INDICATE DUCT REROUTE.
 'D' NEW AIR SUPPLY FIXTURE AT NEW LOCATION. EXTEND SUPPLY AIR DUCT AND CONNECT TO FIXTURE. ARROWS INDICATE DUCT EXTENSION.
 'E' NEW AIR RETURN FIXTURE AT CEILING TILE LOCATION. EXTEND CIRCUIT FROM NEAREST FIXTURE.
 'R' EXISTING FIXTURE TO BE REMOVED. PROVIDE NEW CEILING TILE OR RELOCATE CEILING TILE FROM 'E' FIXTURE LOCATION.
 - 5 REPLACE (E) INCANDESCENT LAMP WITH (N) PENNSYLVANIA DULUX CRIBEL R40/821 COMPACT FLUORESCENT LAMP.
 - 6 INSTALL PLC MASTER SEQUENCERS AT LOCATION SHOWN. SEE TYPICAL LIGHTING CONTROL CIRCUIT CONNECTION DETAIL, SHEET E1.

FIRST FLOOR PLAN - LIGHTING

SCALE: 1/8" = 1'-0"

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 03-24-97



SHEET TITLE
LIGHTING CONTROL PLAN

PROJECT TITLE
**UNIVERSITY OF OREGON
OREGON HALL -
ENERGY CONSERVATION MEASURES**

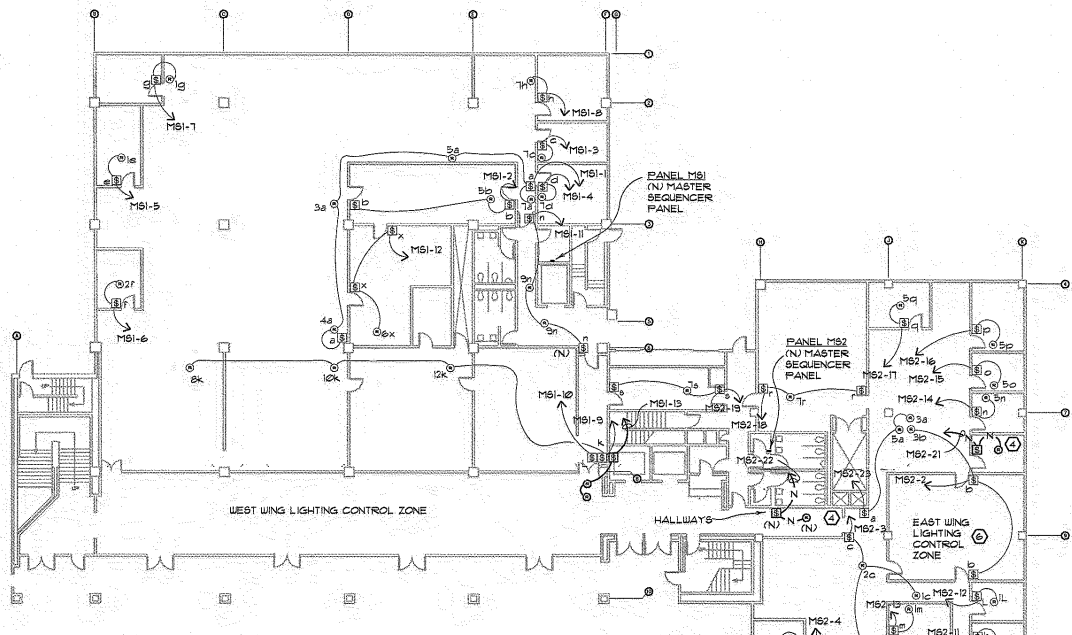
DATE
4/10/95

DESIGNER
JPK

PROJECT
893793

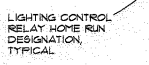
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SHEET NO
E7

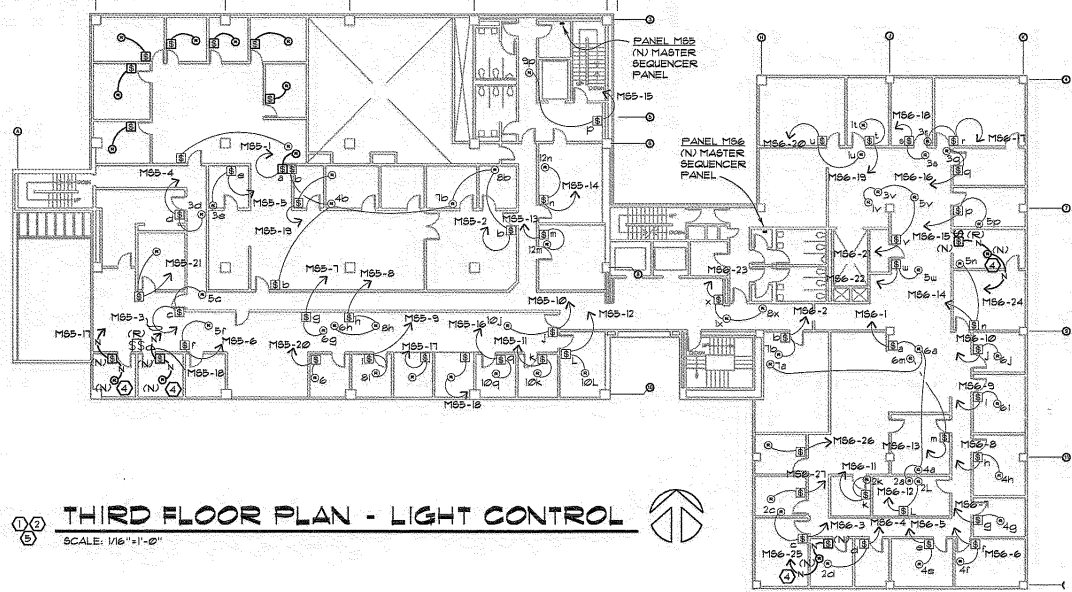
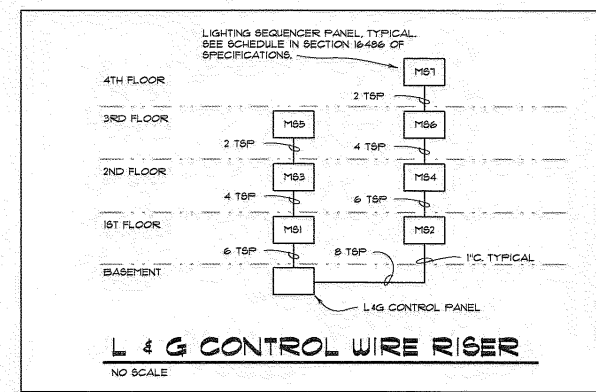


FIRST FLOOR PLAN - LIGHT CONTROL
SCALE: 1/16"=1'-0"

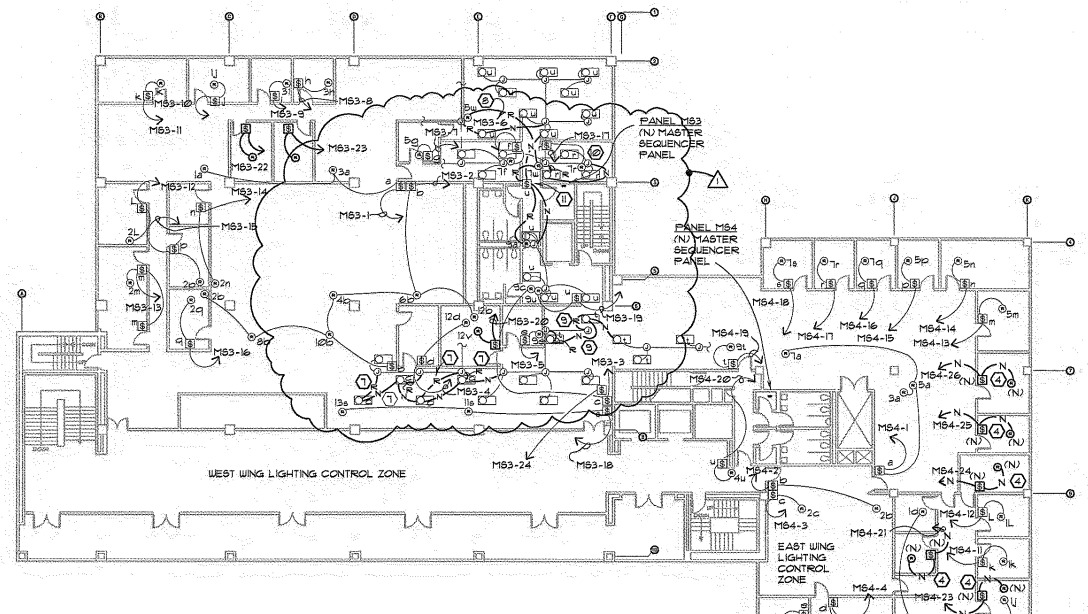
- LIGHT CONTROL FLOOR PLAN NOTES:**
- CIRCUITING, RELAYS AND SWITCHES SHOWN ON THIS PLAN ARE EXISTING UNLESS OTHERWISE NOTED.
 - CIRCUITS SHOWN ON THIS PLAN BETWEEN RELAYS AND FROM RELAYS TO SWITCHES, AND HOMERUNS FROM SWITCHES, ARE 24VAC.
 - SWITCH LOCATIONS AND ASSOCIATED WIRING ARE BASED ON ORIGINAL BUILDING DRAWINGS AND MAY VARY FROM ACTUAL FIELD CONDITIONS. VERIFY ALL SWITCHES AND RELAYS SHOWN ON PLAN AS EXISTING ARE STILL EXISTING. ANY RELAY OR SWITCH SHOWN AS EXISTING WHICH IS NOT EXISTING, MUST BE ADDED ALONG WITH ASSOCIATED CIRCUITING, RECORD RELAY AND WIRING CONDITIONS ON RECORD DOCUMENTS.
 - NOT USED.
 - ADD GE-RR TYPE RELAYS ABOVE CEILING IN THIS AREA AND REWIRE ASSOCIATED (E) FIXTURES THROUGH RELAY CONTACTS AS SHOWN IN CONTROL WIRING DIAGRAM.
 - UPON COMPLETION, VERIFY ALL FIXTURES SHOWN IN EACH AREA ARE OPERATIONAL, AND THAT LOCAL OVER-RIDE SWITCHES OPERATE PROPERLY.
 - EXISTING DRAWINGS INDICATE 20 EXISTING LIGHTING RELAYS IN THE EAST WING ZONE BUT THERE EXIST ONLY 16 CABLE PAIRS FROM THE ELECTRICAL ROOM LIGHTING CONTROL JUNCTION BOXES TO THE FIELD RELAYS. IDENTIFY WHICH RELAYS (IF ANY) ARE PRESENTLY NOT CONNECTED TO THE LIGHTING CONTROL JUNCTION BOX AND PULL NEW DEDICATED PAIRS TO THESE RELAYS. CONNECT TO NEW LIGHTING BOXES TO RELAYS.
 - REMOVE WIRING INDICATED WITH "R". ADD WIRING INDICATED WITH "N". VERIFY FIXTURES AFFECTED BY THIS CHANGE ARE NOW CONTROLLED BY SWITCH LEG "C".
 - SAME AS NOTE 1 EXCEPT VERIFY AFFECTED FIXTURES ARE NOW CONTROLLED BY SWITCH LEG "M".
 - SAME AS NOTE 1 EXCEPT VERIFY AFFECTED FIXTURES ARE NOW CONTROLLED BY SWITCH LEG "H".
 - SAME AS NOTE 1 EXCEPT VERIFY AFFECTED FIXTURES ARE NOW CONTROLLED BY SWITCH LEG "F".
 - CHANGE SWITCH TO CONTROL CIRCUIT "B".



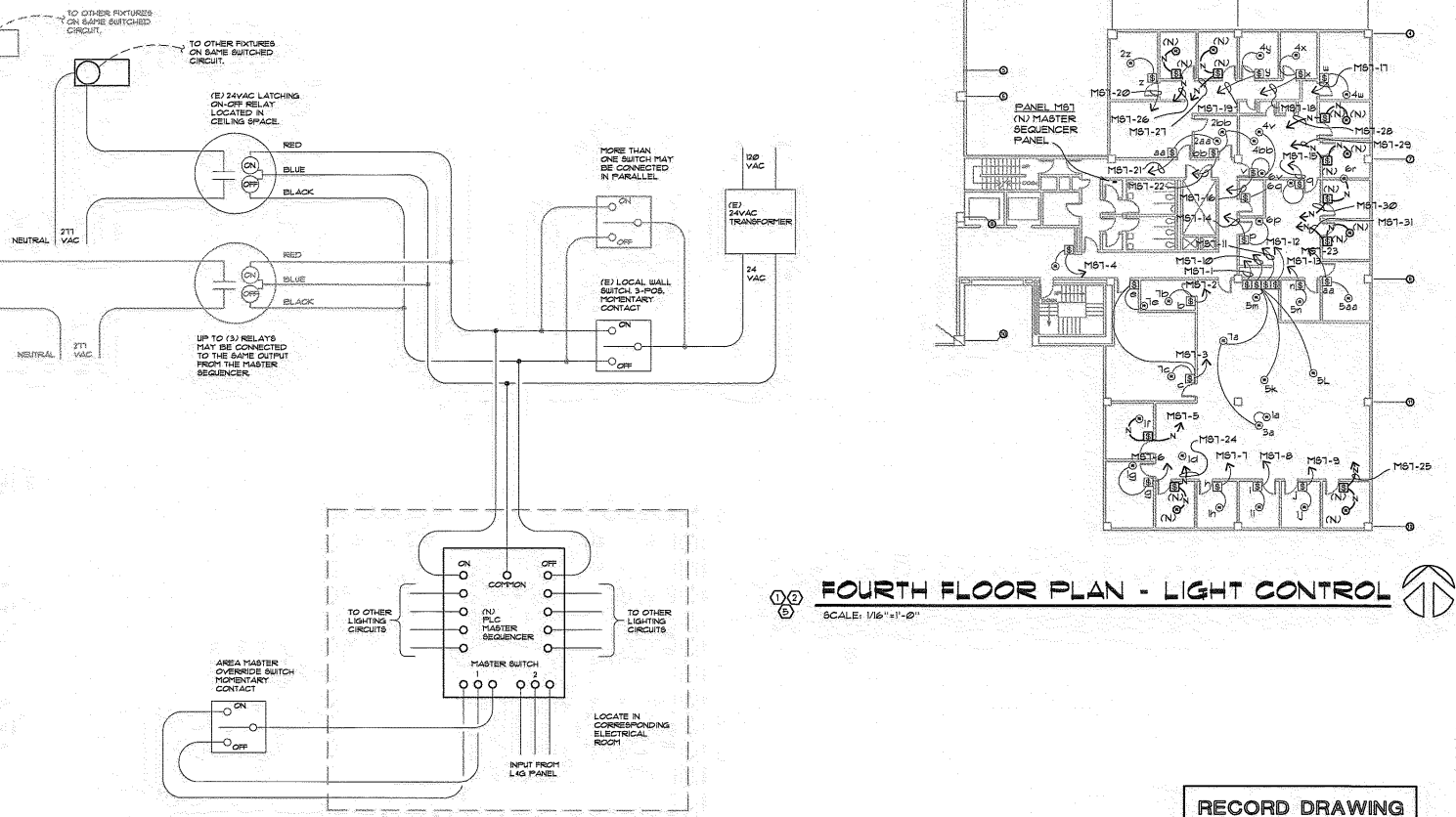
CIRCUIT CONTROLLED, TYPICAL



THIRD FLOOR PLAN - LIGHT CONTROL
SCALE: 1/16"=1'-0"



SECOND FLOOR PLAN - LIGHT CONTROL
SCALE: 1/16"=1'-0"



TYPICAL LIGHTING CONTROL CIRCUIT CONNECTION
NO SCALE

FOR REFERENCE ONLY

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04-10-27

APPENDIX 1, 4/20/95 REZONE LIGHTING ON 2ND FLOOR, IDENTIFY SOME EXISTING EMERGENCY FIXTURES.

RECORD DRAWING
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09-03-96

FOR REFERENCE ONLY

COIL SCHEDULE, CONTINUED														
TERMINAL UNIT CODE	TERMINAL UNIT SIZE	CODE	CFM	SIZE H x L (INCHES)	ROWS/ FPI	GPM PER COIL	WATER °F.		AIR °F.		INTERNAL STATIC PRESSURE IN. W.G.	EXTERNAL STATIC PRESSURE IN. W.G.	WATER P.D. FT.	REMARKS
							EWT	LWT	EAT	LWB				
TU2-1	8 (1)	H2-1	800	10x8	1/10	2.0	200	175	63.5	85	2.5	0.3	3.0	
TU2-2	10 (3)	H2-2	960	13x8	1/10	2.0	200	175	63.5	85	2.5	0.3	3.0	UNIT RELOCATED FROM TU2-4 POSITION
TU2-3	8 (1)	H2-3	570	10x8	1/10	1.5	200	175	63.5	86	2.5	0.3	3.0	
TU2-4	12 (3)	H2-4	1610	16x8	1/10	3.0	200	175	63.5	84	2.5	0.3	3.0	UNIT RELOCATED FROM TU2-2 POSITION
TU2-5	10 (2)	H2-5	1050	13x8	1/10	2.0	200	175	63.5	85	2.5	0.3	3.0	
TU2-6	10 (2)	H2-6	890	13x8	1/10	2.0	200	175	63.5	84	2.5	0.3	3.0	
TU2-7	10 (2)	H2-7	950	13x8	1/10	2.0	200	175	63.5	85	2.5	0.3	3.0	
TU2-8	10 (2)	H2-8	840	13x8	1/10	1.5	200	175	63.5	85	2.5	0.3	3.0	
TU2-9	10 (2)	H2-9	840	13x8	1/10	2.0	200	175	63.5	85	2.5	0.3	3.0	
TU2-10	10 (2)	H2-10	1000	13x8	1/10	2.0	200	175	63.5	85	2.5	0.3	3.0	
TU2-11	10 (2)	H2-11	1100	13x8	1/10	2.0	200	175	63.5	85	2.5	0.3	3.0	
TU2-12	6 (2)	H2-12	480	10x8	1/10	1.5	200	175	63.5	95	2.5	0.3	3.0	
TU2-13	8 (2)	H2-13	810	10x8	1/10	2.5	200	175	63.5	95	2.5	0.3	3.0	
TU2-14	10 (2)	H2-14	965	13x8	1/10	3.0	200	175	63.5	97	2.5	0.3	3.0	
TU2-15	8 (3)	H2-15	600	10x8	1/10	1.5	200	175	63.5	91	2.5	0.3	3.0	
TU2-16	10 (2)	H2-16	880	13x8	1/10	2.5	200	175	63.5	96	2.5	0.3	3.0	
TU2-17	6 (3)	H2-17	260	10x8	1/10	1.0	200	175	63.5	86	2.5	0.3	3.0	
TU2-18	6 (2)	H2-18	400	10x8	1/10	1.0	200	175	63.5	84	2.5	0.3	3.0	
TU2-19	10 (2)	H2-19	1100	13x8	1/10	2.0	200	175	63.5	84	2.5	0.3	3.0	
TU2-20	10 (2)	H2-20	990	13x8	1/10	2.0	200	175	63.5	84	2.5	0.3	3.0	
TU2-21	10 (2)	H2-21	1070	13x8	1/10	2.0	200	175	63.5	84	2.5	0.3	3.0	
TU2-22	10 (2)	H2-22	1100	13x8	1/10	2.0	200	175	63.5	84	2.5	0.3	3.0	
TU2-23	10 (2)	H2-23	1080	13x8	1/10	2.0	200	175	63.5	84	2.5	0.3	3.0	
TU2-24	10 (2)	H2-24	1100	13x8	1/10	2.0	200	175	63.5	84	2.5	0.3	3.0	
TU2-25	6 (2)	H2-25	300	10x8	1/10	0.5	200	175	63.5	84	2.5	0.3	3.0	
TU2-26	10 (2)	H2-26	830	13x8	1/10	1.5	200	175	63.5	84	2.5	0.3	3.0	
TU2-27	8 (2)	H2-27	700	10x8	1/10	1.5	200	175	63.5	84	2.5	0.3	3.0	
TU2-28	10 (2)	H2-28	1140	13x8	1/10	2.0	200	175	63.5	84	2.5	0.3	3.0	
TU2-29	6 (2)	H2-29	550	10x8	1/10	1.5	200	175	63.5	93	2.5	0.3	3.0	
TU2-30	8 (2)	H2-30	545	10x8	1/10	2.5	200	175	63.5	96	2.5	0.3	3.0	
TU3-1	8 (1)	H3-1	630	10x8	1/10	1.5	200	175	63.5	86	2.5	0.3	3.0	
TU3-2	12 (2)	H3-2	1120	16x8	1/10	2.5	200	175	63.5	84	2.5	0.3	3.0	
TU3-3	8 (1)	H3-3	690	10x8	1/10	1.5	200	175	63.5	86	2.5	0.3	3.0	
TU3-4	6 (2)	H3-4	330	10x8	1/10	1.5	200	175	63.5	85	2.5	0.3	3.0	
TU3-5	8 (2)	H3-5	690	10x8	1/10	1.5	200	175	63.5	85	2.5	0.3	3.0	
TU3-6	10 (2)	H3-6	1090	13x8	1/10	2.5	200	175	63.5	85	2.5	0.3	3.0	
TU3-7	10 (2)	H3-7	1080	13x8	1/10	2.0	200	175	63.5	85	2.5	0.3	3.0	
TU3-8	10 (2)	H3-8	840	13x8	1/10	1.5	200	175	63.5	85	2.5	0.3	3.0	
TU3-9	10 (2)	H3-9	700	13x8	1/10	1.5	200	175	63.5	85	2.5	0.3	3.0	
TU3-10	6 (2)	H3-10	360	10x8	1/10	1.0	200	175	63.5	85	2.5	0.3	3.0	
TU3-11	10 (2)	H3-11	1120	13x8	1/10	2.0	200	175	63.5	85	2.5	0.3	3.0	
TU3-12	6 (3)	H3-12	470	10x8	1/10	1.0	200	175	63.5	85	2.5	0.3	3.0	UNIT RELOCATED FROM TU3-15 POSITION
TU3-13	8 (3)	H3-13	640	10x8	1/10	2.0	200	175	63.5	95	2.5	0.3	3.0	UNIT RELOCATED FROM TU3-14 POSITION
TU3-14	6 (3)	H3-14	340	10x8	1/10	1.0	200	175	63.5	95	2.5	0.3	3.0	UNIT RELOCATED FROM TU3-13 POSITION
TU3-15	8 (3)	H3-15	640	10x8	1/10	2.0	200	175	63.5	90	2.5	0.3	3.0	UNIT RELOCATED FROM TU3-12 POSITION
TU3-16	8 (2)	H3-16	480	10x8	1/10	1.0	200	175	63.5	85	2.5	0.3	3.0	
TU3-17	10 (2)	H3-17	700	13x8	1/10	1.0	200	175	63.5	85	2.5	0.3	3.0	
TU3-18	8 (2)	H3-18	600	10x8	1/10	1.5	200	175	63.5	85	2.5	0.3	3.0	
TU3-20	10 (2)	H3-20	1125	13x8	1/10	2.5	200	175	63.5	85	2.5	0.3	3.0	
TU3-21	10 (2)	H3-21	1100	13x8	1/10	1.5	200	175	63.5	84	2.5	0.3	3.0	
TU3-22	10 (2)	H3-22	900	13x8	1/10	1.5	200	175	63.5	84	2.5	0.3	3.0	
TU3-23	10 (2)	H3-23	1010	13x8	1/10	2.5	200	175	63.5	87	2.5	0.3	3.0	
TU3-24	12 (2)	H3-24	1250	16x8	1/10	3.0	200	175	63.5	84	2.5	0.3	3.0	
TU3-27	10 (2)	H3-27	1100	13x8	1/10	1.5	200	175	63.5	84	2.5	0.3	3.0	
TU3-28	10 (2)	H3-28	1280	13x8	1/10	2.5	200	175	63.5	84	2.5	0.3	3.0	
TU3-29	8 (2)	H3-29	480	10x8	1/10	1.5	200	175	63.5	84	2.5	0.3	3.0	
TU3-30	6 (2)	H3-30	520	10x8	1/10	1.5	200	175	63.5	86	2.5	0.3	3.0	
TU3-31	6 (2)	H3-31	300	10x8	1/10	1.0	200	175	63.5	85	2.5	0.3	3.0	
TU4-1	6 (2)	H4-1	490	10x8	1/10	1.5	200	175	63.5	89	2.5	0.3	3.0	
TU4-2	12 (2)	H4-2	1360	16x8	1/10	2.5	200	175	63.5	84	2.5	0.3	3.0	COIL WITH 3-WAY VALVE
TU4-3	8 (1)	H4-3	690	10x8	1/10	1.5	200	175	63.5	87	2.5	0.3	3.0	
TU4-4	10 (2)	H4-4	720	13x8	1/10	1.5	200	175	63.5	84	2.5	0.3	3.0	
TU4-5	10 (2)	H4-5	1230	13x8	1/10	2.5	200	175	63.5	86	2.5	0.3	3.0	COIL WITH 3-WAY VALVE
TU4-6	10 (2)	H4-6	1090	13x8	1/10	2.0	200	175	63.5	84	2.5	0.3	3.0	
TU4-7	8 (2)	H4-7	720	10x8	1/10	1.5	200	175	63.5	84	2.5	0.3	3.0	
TU4-8	10 (2)	H4-8	700	13x8	1/10	1.5	200	175	63.5	86	2.5	0.3	3.0	
TU4-9	10 (2)	H4-9	840	13x8	1/10	2.0	200	175	63.5	86	2.5	0.3	3.0	
TU4-10	10 (2)	H4-10	1000	13x8	1/10	2.0	200	175	63.5	84	2.5	0.3	3.0	
TU4-11	6 (2)	H4-11	540	10x8	1/10	1.5	200	175	63.5	92	2.5	0.3	3.0	COIL WITH 3-WAY VALVE
TU4-12	8 (2)	H4-12	640	10x8	1/10	2.0	200	175	63.5	95	2.5	0.3	3.0	
TU4-13	8 (2)	H4-13	600	10x8	1/10	1.5	200	175	63.5	88	2.5	0.3	3.0	
TU4-14	8 (2)	H4-14	660	10x8	1/10	1.5	200	175	63.5	84	2.5	0.3	3.0	
TU4-15	8 (2)	H4-15	600	10x8	1/10	2.0	200	175	63.5	98	2.5	0.3	3.0	
TU4-16	8 (2)	H4-16	630	10x8	1/10	1.5	200	175	63.5	85	2.5	0.3	3.0	COIL WITH 3-WAY VALVE
TU4-17	8 (3)	H4-17	540	10x8	1/10	1.0	200	175	63.5	84	2.5	0.3	3.0	UNIT RELOCATED FROM TU1-1 POSITION

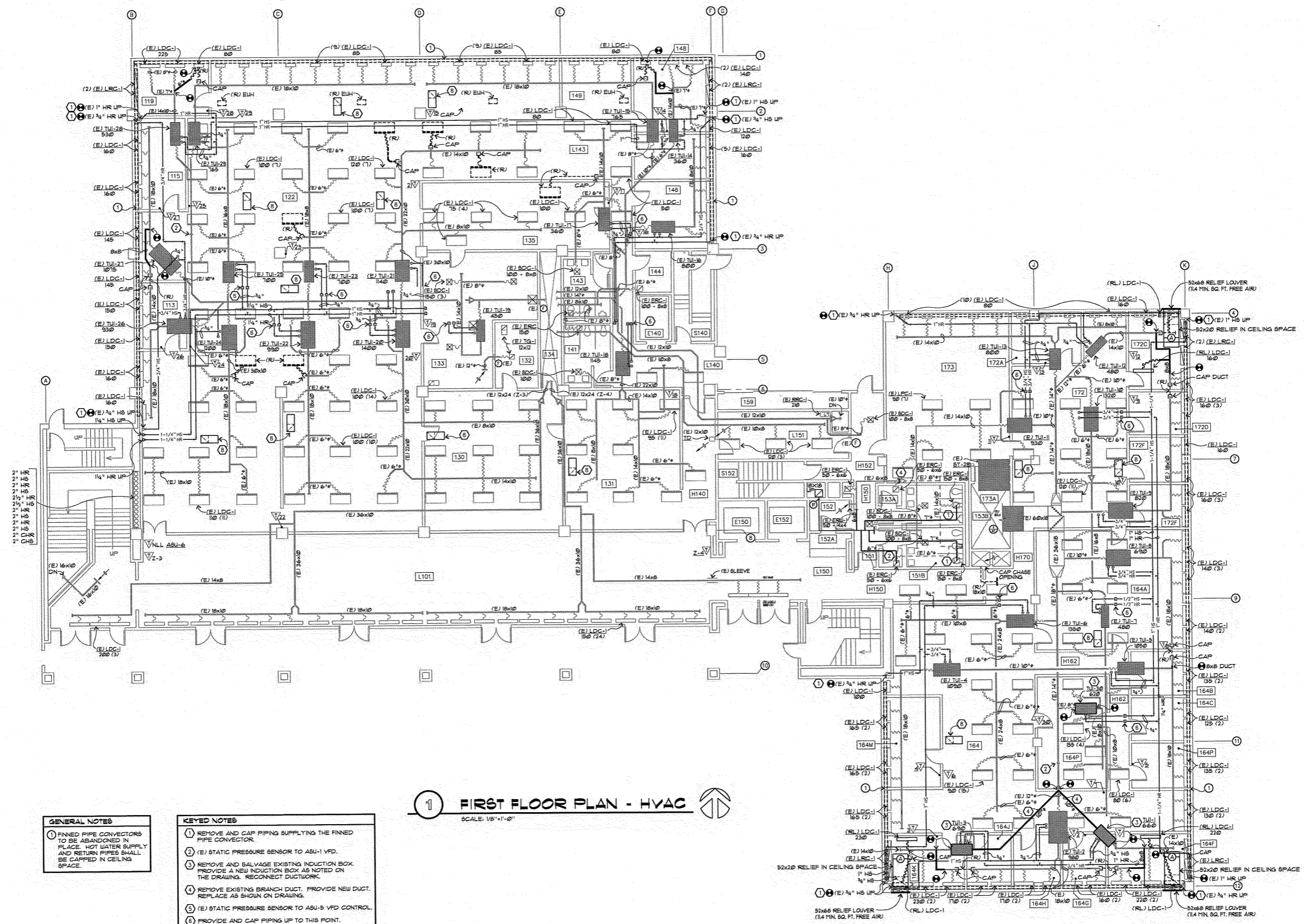
- (1) NEW INDUCTION BOX BASED ON TUTTLE & BAILEY IDV-P MODEL.
- (2) EXISTING INDUCTION BOX (BARBER-COLMAN) TO BE RECONDITIONED TO ACCOMMODATE NEW HEATING COIL AND CONTROLS.
- (3) UNIT RELOCATED FROM DIFFERENT LOCATION.
- (4) PRIMARY DAMPER AT THE INDUCTION BOX MODULATES BETWEEN 50% AND 100%. THE CFM SHOWN IS 100% PRIMARY AIR SUPPLIED IN EXTREME COOLING MODE.

EXISTING AIR CONDITIONING UNIT SCHEDULE										
UNIT	AREA SERVED	CFM	MIN. O.A. CFM	EXT. S.P. (IN.)	RPM	VOLTS/PHASE	COOLING COIL			
							LAT DB/WB	GPM	AIR P.D. (INCHES)	
ASU-1	EAST WING 1ST FLOOR	8,500	1300	5.0	2300	15	460/3	54.5/54	30	0.75
ASU-2	EAST WING 2ND FLOOR	9,200	1600	5.0	2300	15	460/3	54.5/54	30	0.75
ASU-3	EAST WING 3RD FLOOR	9,200	1400	5.0	2300	15	460/3	54.5/54	30	0.75
ASU-4	EAST WING 4TH FLOOR	9,200	1750	5.0	2300	15	460/3	54.5/54	34	0.75
ASU-5	WEST WING 1,2,3 FLOORS	28,000	5100	5.0	1650	50	460/3	54.5/54	108	1.0
ASU-6	WEST WING LOBBIES	10,320	1600	2.0	1250	15	460/3	54.5/54	38	0.8

HIGH EFFICIENCY VARIABLE SPEED MOTOR SCHEDULE					
UNIT	VOLTS	PHASE	H.P.	RPM	FRAME SIZE
ASU-1	460	3	15	1800	254T
ASU-2	460	3	15	1800	254T
ASU-3	460	3	15	1800	254T
ASU-4	460	3	15	1800	254T
ASU-5	460	3	50	1800	328T
ASU-6	460	3	15	1800	254T

(1) BASE ON RELIANCE ELECTRIC XE PREMIUM FREQUENCY MOTORS.

EXHAUST FAN SCHEDULE									
CODE	SERVICE	MFR. AND NO.	TYPE	FAN CAPACITY		MOTOR			



1 FIRST 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 SUPPLYING THE FINNED PIPE CONNECTOR.
 - 2 (E) STATIC PRESSURE SENSOR TO ASU-1 VFD.
 - 3 REMOVE AND SALVAGE EXISTING INDUCTION BOX. PROVIDE A NEW INDUCTION BOX AS NOTED ON THE DRAWING. RECONNECT DUCTWORK.
 - 4 REMOVE EXISTING BRANCH DUCT. PROVIDE NEW DUCT. REPLACE AS SHOWN ON DRAWING.
 - 5 (E) STATIC PRESSURE SENSOR TO ASU-3 VFD CONTROL.
 - 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 RSC-1 WITH 12x12x24L BOOT OPEN TO CEILING SPACE.
 - 8 18x18 RSC-1 WITH 18x18x24L BOOT OPEN TO PLENN.

RECORD DRAWING

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09-04-96

FOR REFERENCE ONLY

SHEET TITLE

FIRST FLOOR PLAN

PROJECT TITLE

**UNIVERSITY OF OREGON
OREGON HALL -
ENERGY CONSERVATION MEASURES**

DATE

4/10/95

DESIGNER

NAS

PROJECT

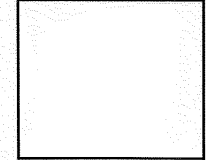
893793

FILENAME

89373m2.dwg

SHEET NO

M2



SHEET TITLE

UNIVERSITY OF OREGON
OREGON HALL -
ENERGY CONSERVATION MEASURES

DATE
4/10/95

DESIGNER
NAS

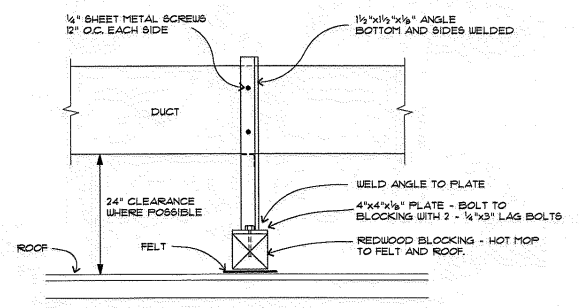
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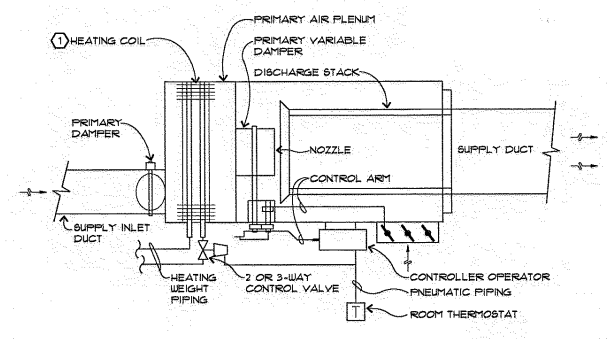
SHEET NO

M8

DESCRIPTION	SINGLE LINE SYMBOLS	SHEETMETAL DUCTWORK
RECTANGULAR DUCTS		
RADIUS ELBOW		
SQUARE ELBOW WITH TURNING VANES		
45° ANGLE OR LESS		
BRANCH TAKE-OFF		
EXPANDED NECK TAKE-OFF		
2-WAY SPLIT		
3-WAY SPLIT		
TRANSITION		
RISE OR DROP		
WALL REGISTER WITH EXTRACTOR		
ROUND TO ROUND TRANSITION		

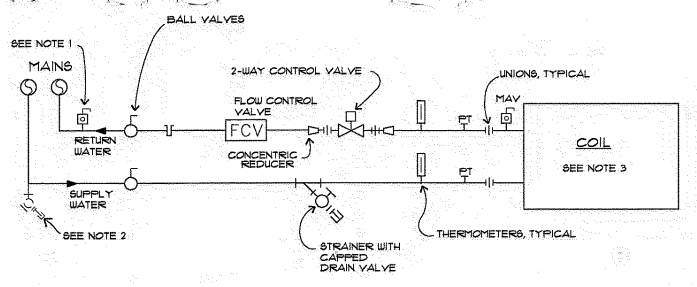


1 DUCT SUPPORT DETAIL
NO SCALE



KEYED NOTE
1 CAP AND SEAL ALL OPENINGS WHICH SHALL BE PROVIDED TO INSTALL THE HEATING COIL INTO THE INDUCTION BOX.

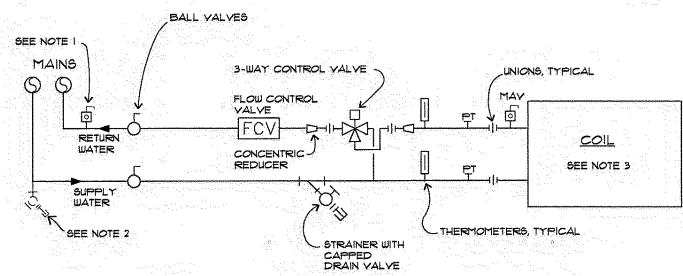
2 TYPICAL INDUCTION UNIT SCHEMATIC
NO SCALE



GENERAL NOTES

1. MANUAL AIR VENTS ARE REQUIRED AT HIGH POINTS OF PIPING AND IF COIL & PIPING ARE ABOVE SUPPLY & RETURN MAINS.
2. CAPPED DRAIN VALVES ARE REQUIRED AT LOWEST POINT FOR DRAINAGE IF DRAIN NOT SUPPLIED ON COIL.
3. PIPING ARRANGEMENT TYPICAL FOR HEATING COILS.

3 TYPICAL COIL PIPING WITH 2-WAY VALVE
NO SCALE



GENERAL NOTES

1. MANUAL AIR VENTS ARE REQUIRED AT HIGH POINTS OF PIPING AND IF COIL & PIPING ARE ABOVE SUPPLY & RETURN MAINS.
2. CAPPED DRAIN VALVES ARE REQUIRED AT LOWEST POINT FOR DRAINAGE IF DRAIN NOT SUPPLIED ON COIL.
3. PIPING ARRANGEMENT TYPICAL FOR HEATING COILS.

4 TYPICAL COIL PIPING WITH 3-WAY VALVE
NO SCALE

5 LOW PRESSURE DUCT CONSTRUCTION
NO SCALE

MECHANICAL SYMBOLS LIST			MECHANICAL SYMBOLS LIST		
SYMBOL	ABBR.	DESCRIPTION	SYMBOL	ABBR.	DESCRIPTION
	HW	HOT WATER PIPE			DUCT TO BE RELOCATED OR REMOVED
		EXISTING STORM DRAIN			FLEXIBLE DUCT
	V	VENT PIPE			FLEXIBLE DUCT CONNECTOR
	HS	HEATING WATER SUPPLY PIPE			MANUAL DAMPER
	HR	HEATING WATER RETURN PIPE			AUTOMATIC DAMPER
	CHS	CHILLED WATER SUPPLY PIPE			BACKDRAFT DAMPER
	CHR	CHILLED WATER RETURN PIPE			FIRE DAMPER
		SPRINKLER HEAD - PENDANT			COMBINATION FIRE/SMOKE DAMPER
		PIPE GUIDE		ABU	AIR SUPPLY UNIT OR AIR CONDITIONING UNIT
		STRAINER		TU	TERMINAL UNIT
		VERTICAL PIPE DROP OR RISER		TB	TERMINAL BOX
		PIPE TAKE OFF - UP		MAU	MAKE-UP AIR UNIT
		PIPE TAKE OFF - DOWN		EF	EXHAUST FAN
		90 DEGREE ELBOW UP		SA	SUPPLY AIR
		90 DEGREE ELBOW DOWN		RA	RETURN AIR
		BRANCH TEE		EA	EXHAUST AIR
		TEE UP		ST	SOUND TRAP
		TEE DOWN		OSAL	OUTSIDE AIR LOUVER
	PT	PRESSURE TEMPERATURE TEST PLUG (PETE'S PLUG)		RAL	RELIEF AIR LOUVER
		PIPE CAP		OSA	OUTSIDE AIR
		PIPE UNION		RGIW	RETURN GRILLE WALL
		FLEXIBLE PIPE CONNECTOR		RRW	RETURN REGISTER WALL
		GATE VALVE		RGF	RETURN GRILLE FLOOR
		CHECK VALVE		RRF	RETURN REGISTER FLOOR
		BALL VALVE		ERC	EXHAUST REGISTER CEILING
		BALANCING VALVE		EGC	EXHAUST GRILLE CEILING
		COMBINATION VALVE (CHECK/BALANCING)		ERW	EXHAUST REGISTER WALL
		2-WAY CONTROL VALVE		TG	TRANSFER GRILLE
		3-WAY CONTROL VALVE		(E)	EXISTING
		CIRCULATING PUMP		(R)	REMOVE
		THERMOMETER		RL	RELOCATE
		EXISTING LINEAR DIFFUSER TYPE / AIR FLOW - TYPICAL * OF DIFFUSERS			ROOM NUMBER
		THERMOSTAT WITH ZONE/UNIT CONTROLLED			DETAIL & SHEET NUMBER
		NIGHT LOW-LIMIT THERMOSTAT			SECTION & SHEET NUMBER
		DIRECTION OF AIR FLOW			KEYED NOTE REFERENCE
					POINT OF CONNECTION BETWEEN NEW AND EXISTING WORK

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