

Junior Year

Fall 2016

Graphic Design
Workroom Renovation
& Context Study

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UNIVERSAL DESIGN PRINCIPLES

- **EQUITABLE USE**
 1. STACKED STORAGE CUBICLES AND LOCKERS IN THE CUSTOM STORAGE UNIT OFFER FULL ACCESS REGARDLESS OF DIFFERENT ABILITIES - FOR EXAMPLE HEIGHT OR REACH.
- **FLEXIBILITY IN USE**
 1. CHAIRS ON WHEELS ALLOW FOR EASY CHANGE DEPENDING ON THE USERS NEED OR PREFERENCE FOR THE CHAIR IN A CERTAIN LOCATION.
 2. ROLLER SHADES FOR WINDOW TREATMENTS ALLOW FOR THE LIGHT TABLE TO BE USED IN THE DAYLIGHT HOURS AS WELL AS AT NIGHT.
- **SIMPLE AND INTUITIVE USE**
 1. PLACING COMFORTABLE CHAIRS IN ONE AREA AWAY FROM WORK SURFACES CREATE A CLEAR DIVISION BETWEEN WORK AND RELAXATION.
- **TOLERANCE FOR ERROR**
 1. CURVED ENDS ON THE COUNTERTOP PREVENT ACCIDENTAL INJURY.
 2. AN ENTRANCE DOOR WITH A LEFT HAND OPERATION CREATES A MORE SUITABLE AND SAFER DOOR SWING TOWARD A WALL INSTEAD OF INTO THE SPACE AND POSSIBLE USERS.
- **LOW PHYSICAL EFFORT**
 1. THE OPTION BETWEEN CLOSED LOCKERS OR OPEN CUBICLES ALLOW THE USER THE CONVENIENCE AND EASE OF CHOOSING AN OPTION OF LOW PHYSICAL EFFORT.
- **SIZE AND SPACE FOR APPROACH AND USE**
 1. 36" WIDE DOORWAYS, CLEARANCES ABOVE 36" AROUND FURNITURE, AND ALL WORK SURFACE HEIGHTS AT 24" ALL ALLOW APPROPRIATE ACCESS, REACH, AND USE.



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Graphic Design Studio

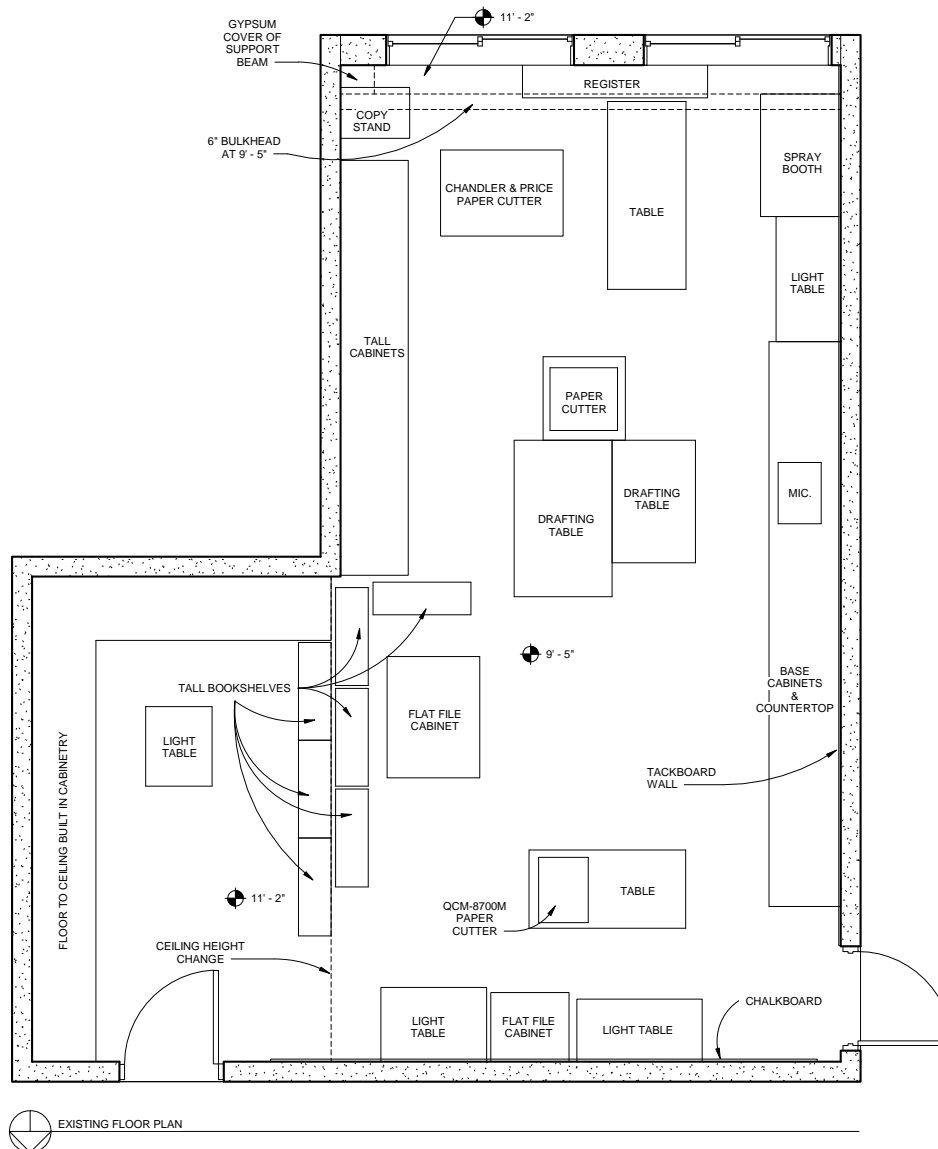
No.	Description	Date

IAD 351
Studio 3:
Universal + Corp.
Fall 2016

Project number	Project 2: Workroom
Date	October 4, 2016
Drawn by	Rachel J. Ley
Checked by	Dr. Andrew Payne

G-101

Scale	--
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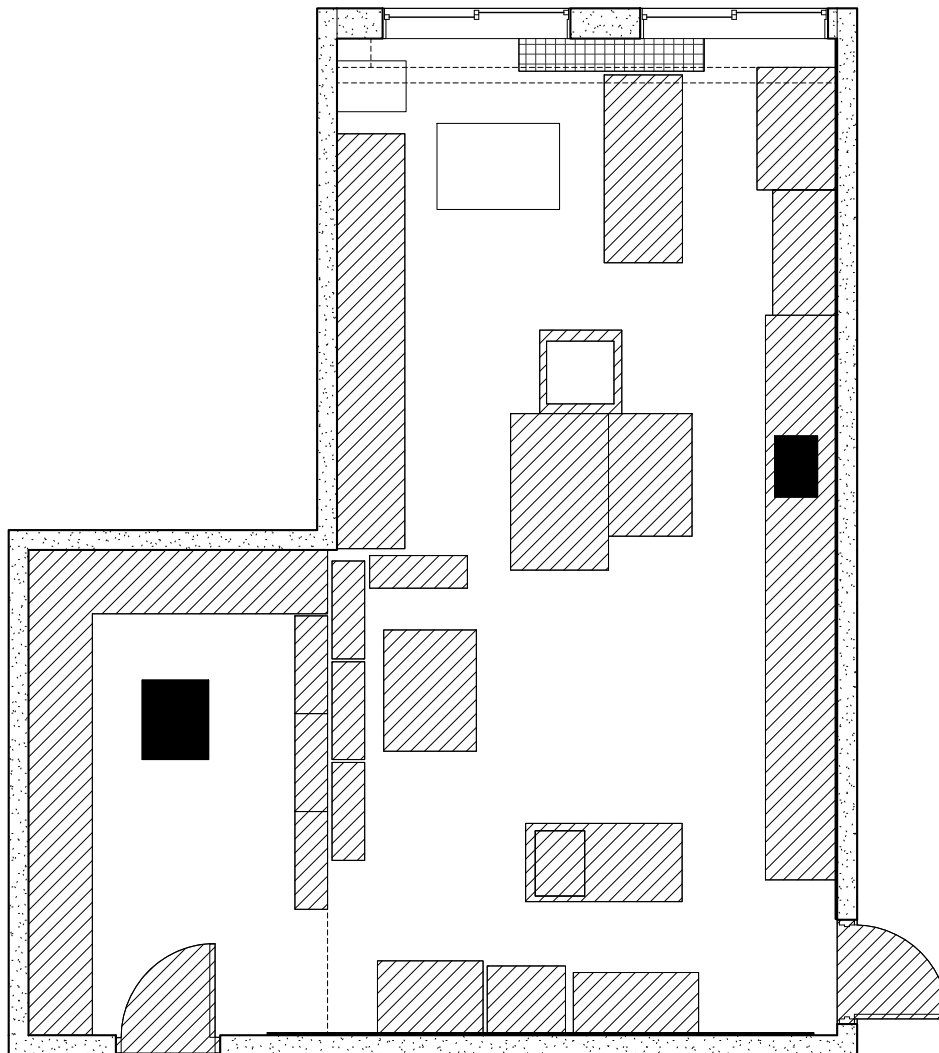
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



I-101

Scale	3/8" = 1' - 0"
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DEMOLITION PLAN

DEMOLITION LEGEND

-  REMAINING IN DESIGN BUT RELOCATED
-  REMAINING IN THE SAME LOCATION
-  REMOVED FROM DESIGN & PUT IN STORAGE
-  REMOVED & DISPOSED OF

DEMOLITION PLAN NOTES

- ENTRANCE DOOR AND FRAME MUST BE REMOVED AND PREPARED FOR A NEW DOOR TO BE INSTALLED WITH LEFT HAND SWING OPERATION.
- SIDE DOOR MUST BE REMOVED AND PREPARED FOR NEW DOOR INSTALLATION.
- CEILING MATERIAL AND LIGHTING MUST BE REMOVED AND PREPARED FOR INSTALLATION OF GYPSUM BOARD AND NEW LIGHTING IN NEW LOCATIONS.
- FLOORING MUST BE REMOVED AND PREPARED FOR NEW CONCRETE FLOORING INSTALLATION.



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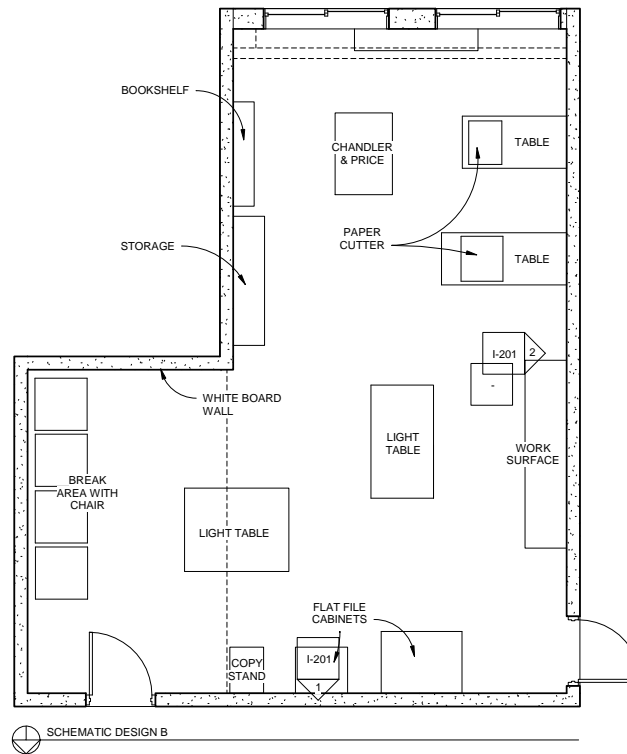
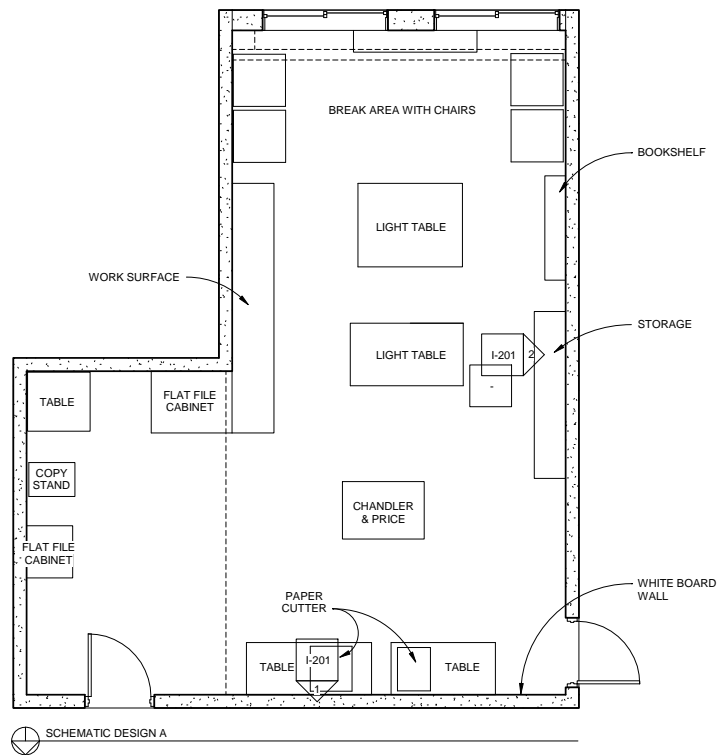
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I-102

Scale	3/8" = 1' - 0"
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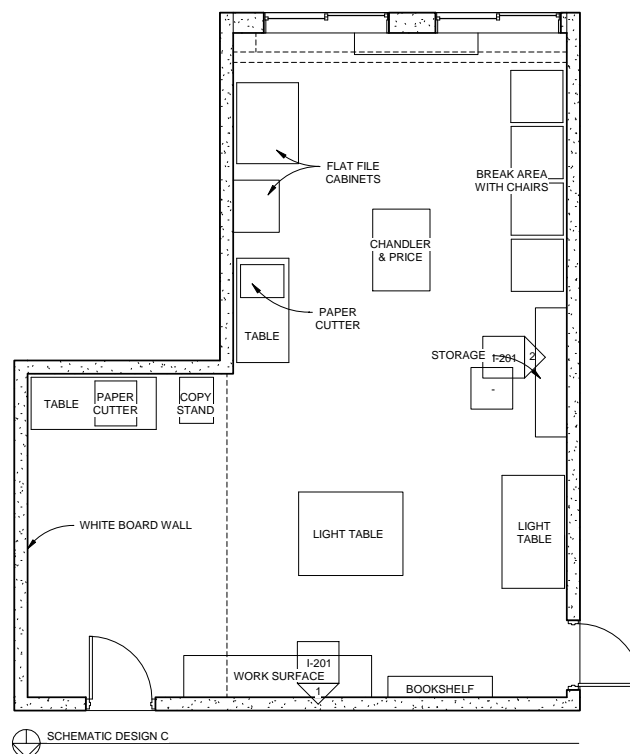
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I-103

Scale	1/4" = 1' - 0"
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Graphic Design Studio



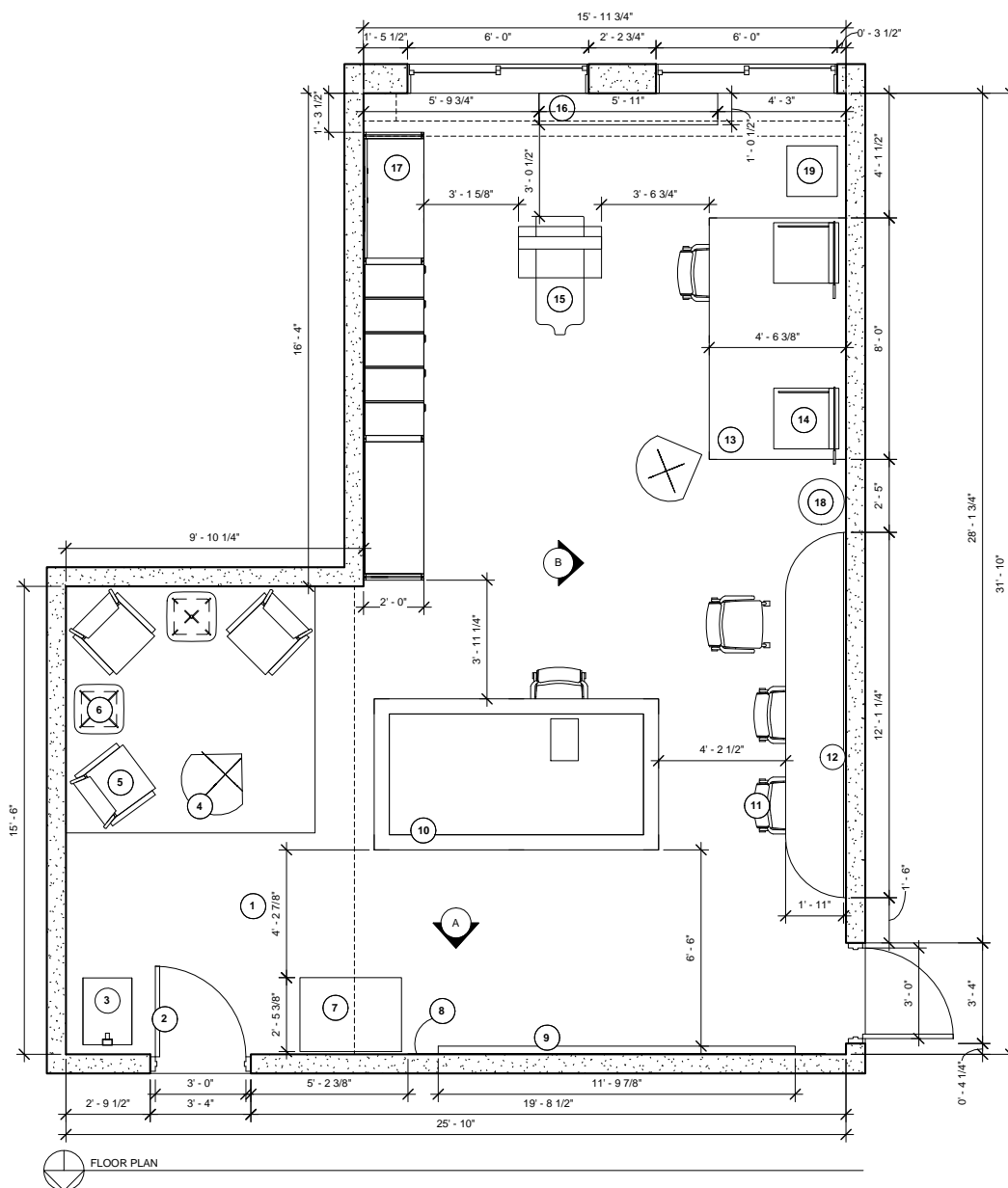
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I-104

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OCCUPANCY CLASSIFICATION & EGRESS

- SQUARE FOOTAGE - 657 SQUARE FEET
- BUSINESS AREA - 100 GROSS SQUARE FEET PER OCCUPANT
- OCCUPANCY - 7 PEOPLE
- EGRESS REQUIRED (WITHOUT SPRINKLER SYSTEM) - 1.4 INCHES (0.2 IN. PER OCCUPANT)
- EGRESS PROVIDED - 72 INCHES

FLOOR PLAN NOTES

- EXISTING SLIDING WINDOWS REMAIN WITH NEW BLACK ALUMINUM TRIM.
- CEILING HEIGHT REMAINS THE SAME.
- FLAT FILE CABINETS ARE STACKED 3 HIGH.
- SEE FINISH FLOOR PLAN (I-106) FOR SPECIFICATION LEGEND.



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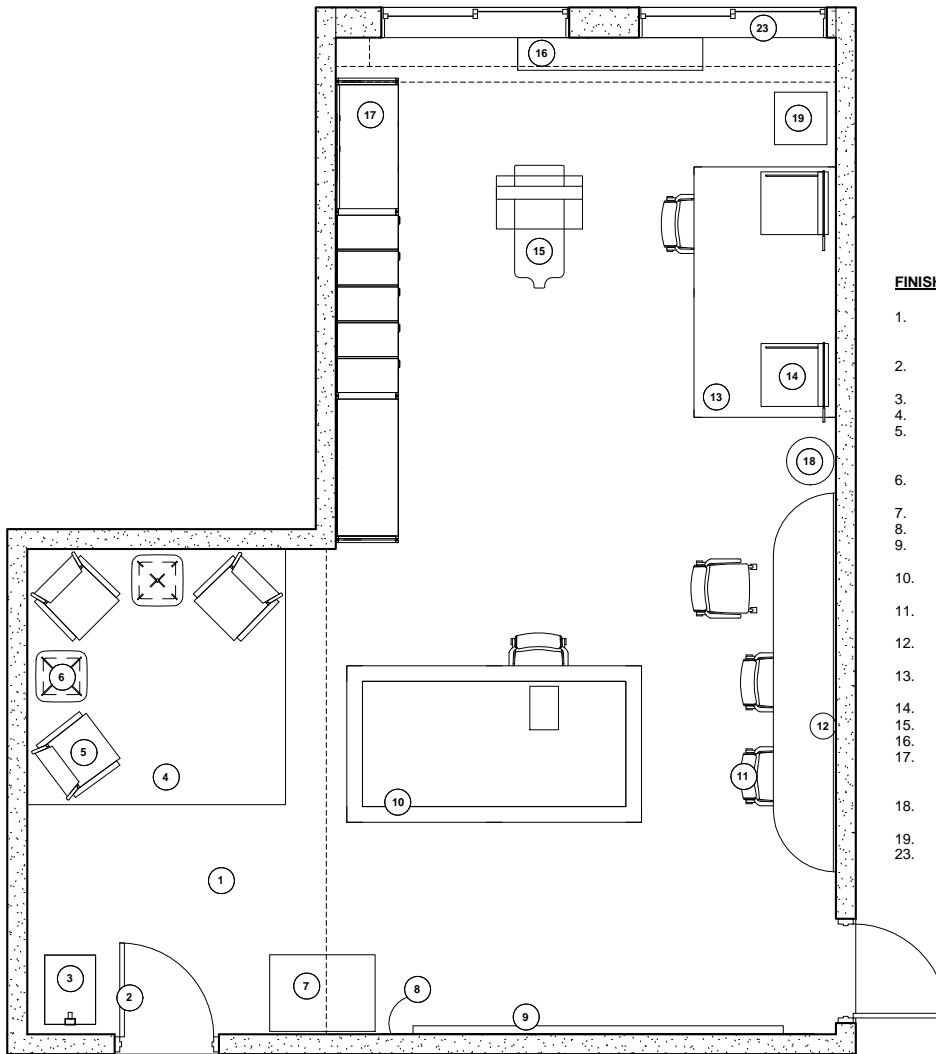
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I-105

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FINISH FLOOR PLAN

FINISH & MATERIAL NOTES

- THE NORTH & EAST WALLS HAVE A SATIN PAINT FINISH IN THE SHERWIN WILLIAMS - NETWORK GRAY SW 7073.
- THE SOUTH WALL HAS A SATIN, ULTRA WHITE PAINT FINISH.
- THE WEST WALL HAS A FAUX BRICK FINISH SPECIFIED IN ELEVATION B.
- CEILINGS PAINTED WITH WHITE, FLAT CEILING PAINT.
- IT IS SUGGESTED THAT THE STORAGE UNIT BE ANCHORED TO THE WALL FOR SAFETY.

FINISH FLOOR PLAN SPECIFICATION LEGEND

1. CONCRETE FLOOR WITH THE ARMORULTRA FLOOR COATING FINISH INCLUDING A HIGH BUILD ARMORULTRA EPOXY, ARMORULTRA HIGH PERFORMANCE TOPCOAT, & ULTRAWEAR HIGH WEAR ADDITIVE.
2. VETROTECH CONTRAFLAM 90 SINGLE FULL LITE DOOR WITH EI90 FIRE RESISTANCE CLASSIFICATION.
3. EXISTING COPY STAND OF WOOD AND METAL.
4. LIGHT BLUE FLAT-WOVEN COTTON AREA RUG.
5. TRACE METAL WAITING CHAIR WITH A METAL FRAME, SAUDER LINEN BEIGE UPHOLSTERY, & SAUDER CHERRY ENGLISH OAK WOOD ARMREST.
6. TEKNION STUDIO ENVITA TABLE WITH NATURAL MAPLE WOOD SURFACE FINISH & CHROME BASE.
7. MAYLINE C FILE 5 DRAWER STEEL FLAT FILE 24X36 - GRAY.
8. WHITE BOARD WALL WITH HIGH GLOOS ULTRA WHITE PAINT FINISH.
9. STEELCASE MCR12 T010 MAGNETIC MARKER TRAY WITH SATIN ANODIZED ALUMINUM.
10. CUSTOM MADE LIGHT TABLE 5' BY 9' - 5" WITH RECLAIMED WOODEN LEGS, DARK GRAY STEEL FRAME, & FROSTED GLASSTOP.
11. HAWORTH X99 ADVANCED SEMINAR DESK CHAIR WITH ZINGER LIGHT BLUE UPHOLSTERY FABRIC & CHROME BASE.
12. CUSTOM RAW CONCRETE COUNTER TOP FINISH SUPPORTED WITH BRACING CONCEALED BEHIND STEEL SHEATHING.
13. CUSTOM WORK TABLE WITH RAW CONCRETE FINISH & RECLAIMED WOODEN LEGS.
14. EXISTING QCM 8700M HEAVY-DUTY CUTTER.
15. EXISTING CHANDLER & PRICE GUILLOTINE.
16. EXISTING HVAC UNIT - HEATING/COOLING REGISTER.
17. CUSTOM STORAGE UNIT WITH RECLAIMED WOODEN SHELVEING & MINOR VERTICAL SUPPORTS, STEEL VERTICAL SUPPORTS, & STEEL PEGBOARD SHEATHING.
18. TALLGRASS SMALL CAPACITY TRASH RECEPTACLE OF STEEL & WHITE DURACOAT.
19. RECYCLE CAN OF BLUE PLASTIC.
20. BLACKOUT CLOTH ROLLER SHADE WINDOW TREATMENT - BLACK



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I-106

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RENDERED FLOOR PLAN



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Graphic Design Studio

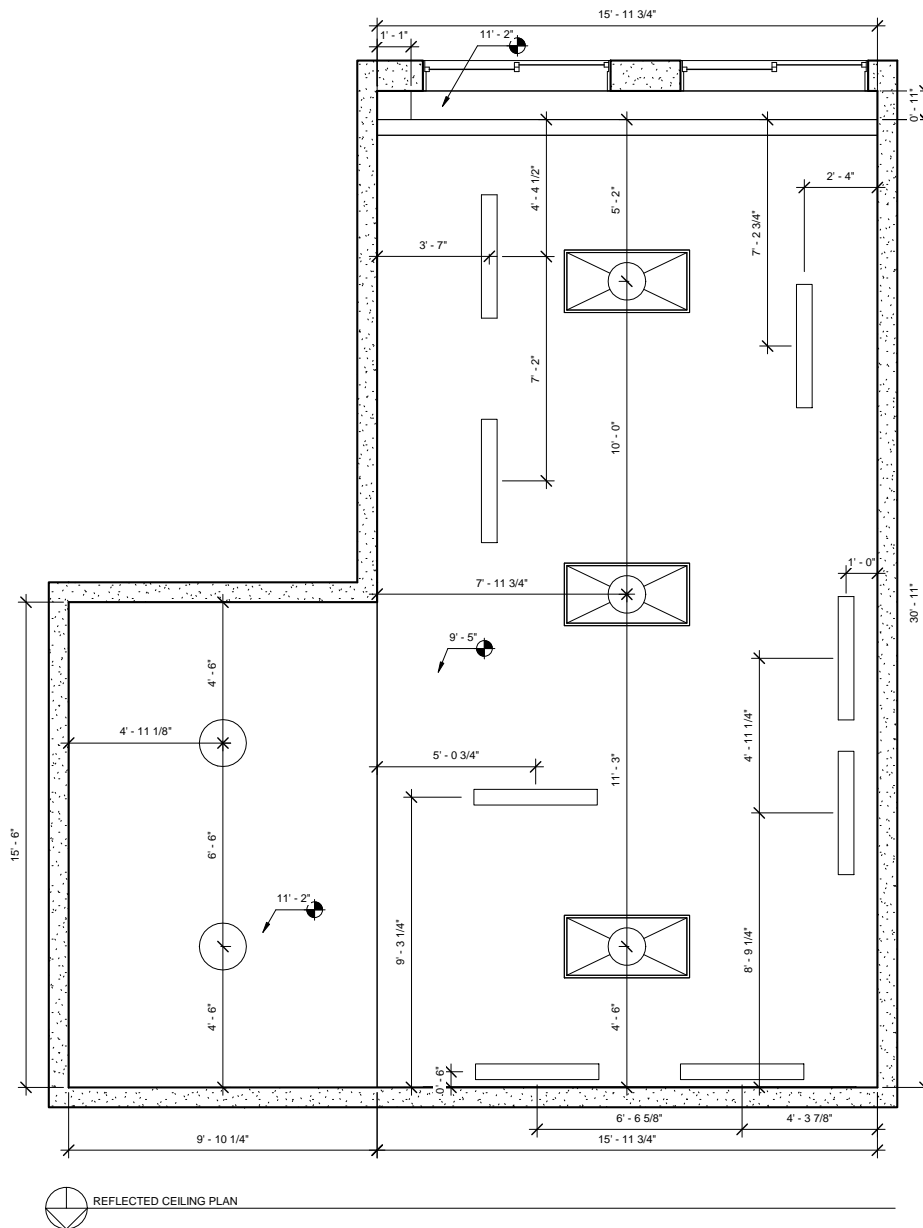
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I-107

Scale	--
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LIGHTING LEGEND



SIMKAR 2'x4' RECESSED PARABOLIC 18 CELL, 3 LAMP, 32W T8, SINGLE WITH CHROME PLATING



PRUDENTIAL LTG. APARIA LINEAR APA-GLO LP (LARGE APERTURE PERFORATE) 1T8 WITH GALVANIZED STEEL & DIMMING CAPABILITIES



SKY OCULUS P-4000 9 INCH LED ROUND LUMINAIRE PENDANT

REFLECTED CEILING NOTES

- CEILING HEIGHTS REMAIN AS EXISTING WITH NEW LIGHT INSTALLATION.
- CEILING IS GYPSUM WITH FLAT, WHITE CEILING PAINT FINISH.



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Graphic Design Studio

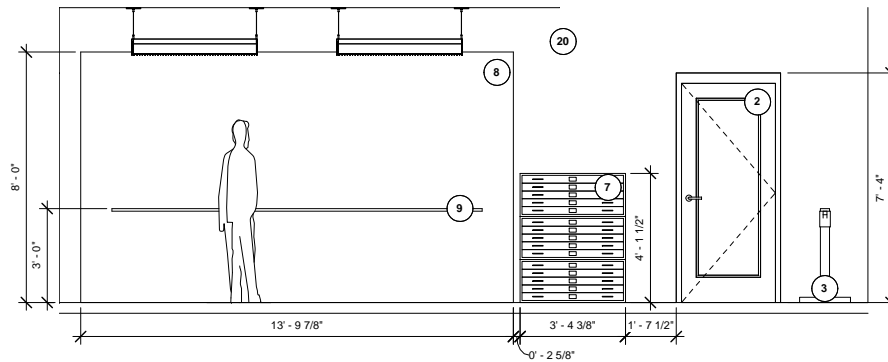
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I-108

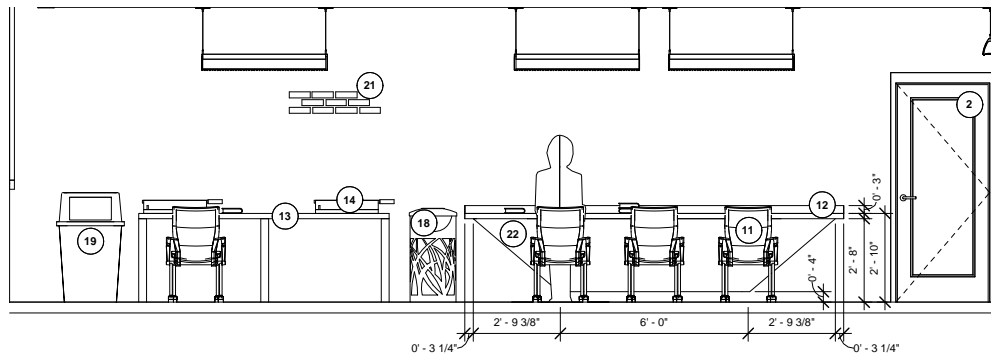
Scale	3/8" = 1' - 0"
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INTERIOR ELEVATION A - NORTH WALL

INTERIOR ELEVATION SPECIFICATION LEGEND

2. VETROTECH CONTRAFLAM 90 SINGLE FULL LITE DOOR WITH EI90 FIRE RESISTANCE CLASSIFICATION.
3. EXISTING COPY STAND OF WOOD AND METAL.
7. MAYLINE C FILE 5 DRAWER STEEL FLAT FILE 24X36 - GRAY.
8. WHITE BOARD WALL WITH HIGH GLOOS ULTRA WHITE PAINT FINISH.
9. STEELCASE MCR12 T010 MAGNETIC MARKER TRAY WITH SATIN ANODIZED ALUMINUM.
11. HAWORTH X99 ADVANCED SEMINAR DESK CHAIR WITH ZINGER LIGHT BLUE UPHOLSTERY FABRIC & CHROME BASE.
12. CUSTOM RAW CONCRETE COUNTER TOP FINISH SUPPORTED WITH BRACING CONCEALED BEHIND STEEL SHEATHING.
13. CUSTOM WORK TABLE WITH RAW CONCRETE FINISH & RECLAIMED WOODEN LEGS.
14. EXISTING QCM 8700M HEAVY-DUTY CUTTER.
18. TALLGRASS SMALL CAPACITY TRASH RECEPTACLE OF STEEL & WHITE DURACOAT.
19. RECYCLE CAN OF BLUE PLASTIC.
20. GYPSUM WALL BOARD WITH SHERWIN WILLIAMS PAINT COLOR NETWORK GRAY SW 7073 SATIN FINISH.
21. URESTONE FAUX USED BRICK paneled wall finish - WHITE.
22. STEEL SHEATHING COVER OVER LOW PROFILE 8" STEEL COUNTERTOP SUPPORT BRACKETS.



INTERIOR ELEVATION B - WEST WALL



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Graphic Design Studio

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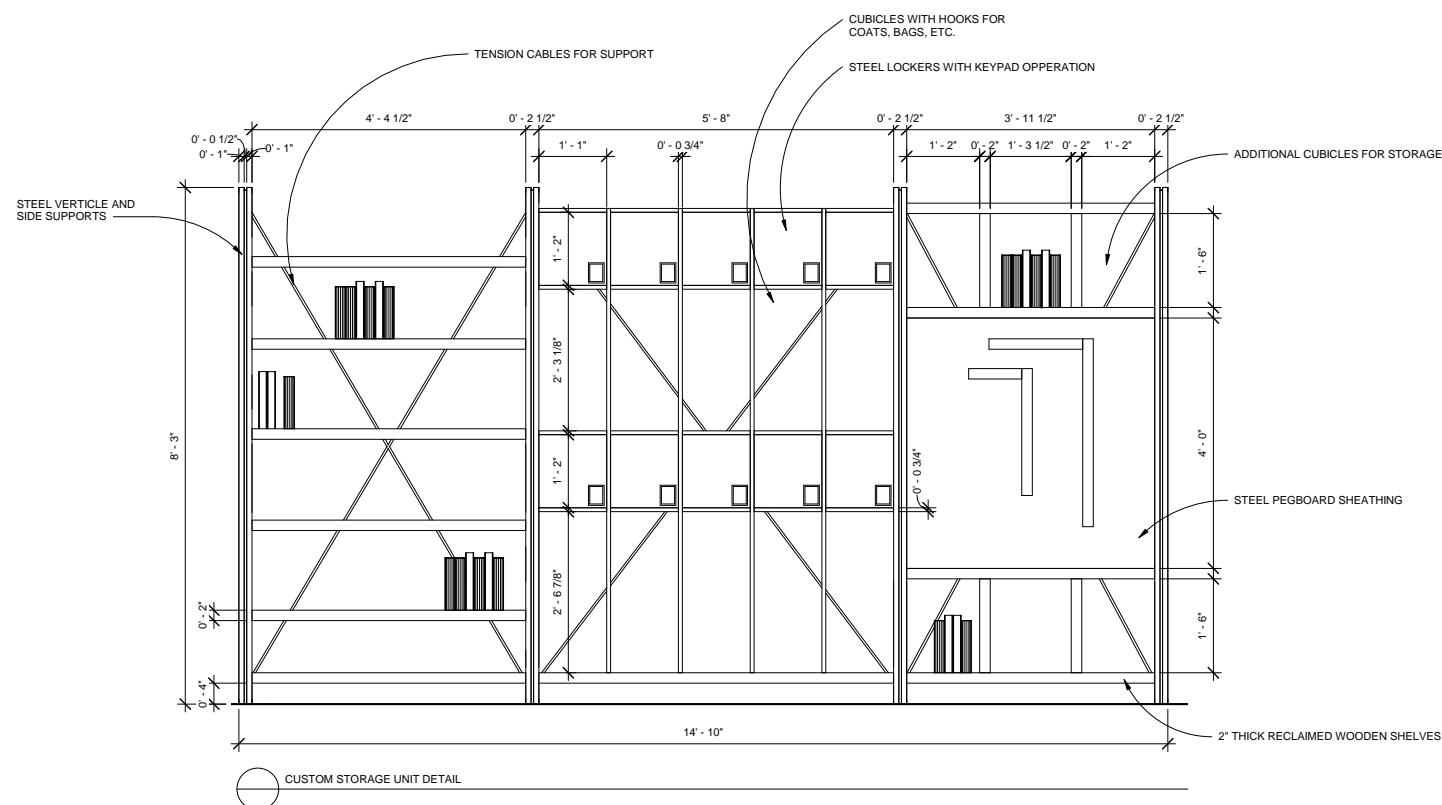
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I-201

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Graphic Design Studio



INSPIRATION



No.	Description	Date

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Studio 3:
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I-701

Scale	3/4" = 1' - 0"
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PERSPECTIVE 1



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Graphic Design Studio

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Fall 2016

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I-901

Scale	--
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PERSPECTIVE 2

Graphic Design Studio

No.	Description	Date

IAD 351 Studio 3: Universal + Corp. Fall 2016	
Project number	Project 2: Workroom
Date	October 4, 2016
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I-902

Scale	--
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PERSPECTIVE 3

Graphic Design Studio

No.	Description	Date

IAD 351
Studio 3:
Universal + Corp.
Fall 2016

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Drawn by	Rachel J. Ley
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I-903

Scale	--
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COLLECTIVE



MODERN



UNIVERSAL

DOORWAYS, CLEARANCES

ACCESSIBLE

CLEAN

REFRESHING



INDEPENDANT



MINIMALISTIC



STORAGE

Reflections

As my most recent, completed project, this has further helped me understand my personal design process. I created a context study including 24 slides consisting of photos, words, and personal sketches. I have attached a few of them above. I used them for goals, focal points, design aspects, and inspiration. For this project I focused mainly on meeting the client's needs and every item in the room from the flooring to the color choice was placed with an intentional reason. After class presentations with a Q&A session, I learned to be careful in ceiling selection for commercial or school spaces that may need to work on the lighting or mechanical systems. Gypsum may be aesthetically pleasing, but it may not be the most practical for maintenance.