

UTAH COLLEGE OF APPLIED TECHNOLOGY CULINARY ARTS CLASSROOM AND ADMINISTRATION OFFICES REMODEL

1100 EAST LAGOON STREET
ROOSEVELT, UTAH
DFCM PROJECT NO. 08046250



State of Utah – Department of Administrative Services

DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

4110 State Office Building / Salt Lake City, Utah 84114 / 538-3018

MAY 12th, 2008

State of Utah

Department of Administrative Services

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architecture | planning | design

CONSULTANT: xyz engineering

PROJECT TITLE:

UTAH COLLEGE OF APPLIED
TECHNOLOGY

CULINARY ARTS CLASSROOM
AND ADMINISTRATION
OFFICE REMODEL

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SHEET TITLE

COVER SHEET

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architecture planning design

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ABBREVIATIONS

Reference to materials or methods have been made on the drawings in accordance with the following abbreviations:

#	NUMBER	GWB.	GYPSUM WALL BOARD
'	FEET	GYP. BD.	GYPSUM WALL BOARD
"	INCHES	HC.	HANDICAPPED
&	AND	HDW.	HARDWARE
@	AT	H.M.	HOLLOW METAL
Ø	DIAMETER	HORIZ.	HORIZONTAL
ADJ.	ADJUSTABLE	HR.	HOUR
AFF.	ABOVE FINISH FLOOR	HT.	HEIGHT
ALUM.	ALUMINUM	HVAC	HEATING/VENTILATION/AIR CONDITIONING
ASTM	AMERICAN SOCIETY FOR TESTING MATERIALS	HYD	HYDRANT
ATS	AUTOMATIC TRANSFER SWITCH	I.D.	INSIDE DIAMETER
BD	BOARD	INFO	INFORMATION
BITUM.	BITUMINOUS	INSUL.	INSULATION
BLDG	BUILDING	LAV.	LAVATORY
B.M.	BENCHMARK	LT.	LIGHT
B.O.	BOTTOM OF	MATL.	MATERIAL
BRG.	BEARING	MAX.	MAXIMUM
BTWN.	BETWEEN	MECH.	MECHANICAL
CER.	CERAMIC	MFR.	MANUFACTURER
CJ	CONSTRUCTION JOINT	MIN.	MINIMUM
CLG.	CEILING	MISC.	MISCELLANEOUS
CLR.	CLEAR	M.O.	MASONRY OPENING
CMU	CONCRETE MASONRY UNIT	MTL.	METAL
COL.	COLUMN	NIC	NOT IN CONTRACT
CONC.	CONCRETE	NO.	NUMBER
CONT.	CONTINUOUS	N.T.S.	NOT TO SCALE
CONST.	CONSTRUCTION	O.C.	ON CENTER
COORD.	COORDINATE	O.D.	OUTSIDE DIAMETER
CTJ	CONTRACTION JOINT	O.H.	OVERHEAD
DBL.	DOUBLE	OPP.	OPPOSITE
DPW	DIRECTOR OF PUBLIC WORKS	PART.	PARTITION
DIA.	DIAMETER	PERP.	PERPENDICULAR
DPG	DUGWAY PROVING GROUND	PL.	PLATE
DTL	DETAIL	PNTD.	PAINTED
DWCS.	DRAWINGS	PSI	POUNDS PER SQUARE INCH
E.A.	EACH	R.D.	ROOF DRAIN
EJ	EXPANSION JOINT	RAD.	RADIUS
ELEV.	ELEVATION	REINF.	REINFORCED
EQ.	EQUAL	REQ'D	REQUIRED
E.S.	EACH SIDE	RET.	RETURN
EXIST.	EXISTING	REV.	REVERSED
EXPAN.	EXPANSION	RM.	ROOM
EXT.	EXTERIOR	R.O.	ROUGH OPENING
E.W.C.	ELECTRIC WATER COOLER	SCHED.	SCHEDULE
F.D.	FLOOR DRAIN	SHR.	SHOWER
FDN.	FOUNDATION	SHT.	SHEET
F.E.	FIRE EXTINGUISHER	SIM.	SIMILAR
F.E.C.	FIRE EXTINGUISHER CABINET	SPEC.	SPECIFICATION
F.F.	FINISH FLOOR	STD.	STANDARD
FIN.	FINISH	STR.	STRUCTURAL
FLR.	FLOOR	SUSP.	SUSPENDED
F.L.	FLOW LINE	THRU	THROUGH
FTG.	FOOTING	T.O.	TOP OF
GA.	GAGE	T.O.A.	TOP OF ASPHALT
GALV.	GALVANIZED	T.O.C.	TOP OF CURB
GF-CI	GOVERNMENT FURNISHED CONTRACTOR INSTALLED	T.O.F.	TOP OF FOOTING
GF-GI	GOVERNMENT FURNISHED GOVERNMENT INSTALLED	T.O.S.	TOP OF SLAB OR SIDEWALK
GI	GOVERNMENT INSTALLED	T.O.W.	TOP OF WALL
G.L.	GALVANIZED STEEL	TYP.	TYPICAL
GND.	GROUND	VERT.	VERTICAL
GOVT.	GOVERNMENT	VEST.	VESTIBULE
		W/W	WOOD
		WD	WOOD

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LIST OF DRAWINGS

GENERAL

A-G100	COVER SHEET
A-G101	ARCHITECTURAL ABBREVIATIONS, VICINITY MAP AND CODE ANALYSIS

ARCHITECTURAL

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A-DP100	ARCHITECTURAL DEMOLITION FLOOR PLAN
A-FF101	ARCHITECTURAL FLOOR PLAN
A-CP102	ARCHITECTURAL REFLECTED CEILING PLAN
A-RP103	ARCHITECTURAL ROOF PLAN
A-FFP104	ARCHITECTURAL FLOOR FINISH PLAN
A-BS300	ARCHITECTURAL DIMENSIONAL FLOOR PLAN
A-DT500	DOOR AND FINISH SCHEDULES, DOOR AND WINDOW TYPES
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STRUCTURAL

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MECHANICAL

M-001	MECHANICAL SYMBOLS AND ABBREVIATIONS
MD-101	MECHANICAL DEMOLITION FLOOR PLAN
M-101	MECHANICAL FLOOR PLAN
M-501	MECHANICAL DETAILS
M-601	MECHANICAL SCHEDULES

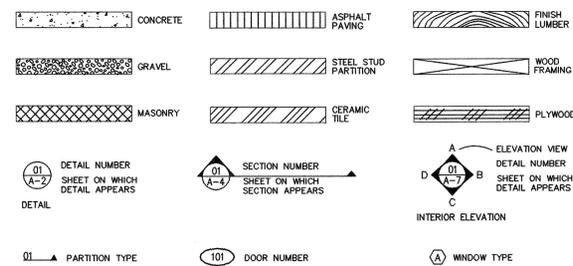
PLUMBING

PD-101	PLUMBING DEMOLITION FLOOR PLAN
P-101	PLUMBING FLOOR PLAN

ELECTRICAL

E-GE001	ELECTRICAL SYMBOL SCHEDULE
E-GE002	ELECTRICAL SYMBOL SCHEDULE
E-DP101	ELECTRICAL DEMOLITION FLOOR PLAN
E-LP101	ELECTRICAL LIGHTING PLAN
E-PP101	ELECTRICAL POWER PLAN
E-PP102	ROOF POWER PLAN
E-PP401	ELECTRICAL ELEVATIONS
E-GE501	DETAILS
E-LP601	LIGHT FIXTURE SCHEDULE
E-PP601	EQUIPMENT SCHEDULE
E-PP801	PANEL SCHEDULE

GRAPHIC KEY



DFCM DESIGN AND CODE CRITERIA

APPLICABLE CODES

Code	Year	Code	Year
International Building Code	2006	National Electrical Code	2005
International Mechanical Code	2006	Uniform Code for	
International Plumbing Code	2006	Building Conservation	2006
International Fire Code	2006	ADA Accessibility	
International Energy Conservation Code	2006	Guidelines	2006

- A. Occupancy and Group: B
- Change in Use: Yes NO No NO Mixed Occupancy: Yes NO No NO
Special Use and Occupancy (e.g. High Rise, Covered Mall): NO
- B. Seismic Design Category: D2 Design Wind Speed: 90 mph
- C. Type of Construction (circle one):
I A I B II A II B III A III B IV HT V A V B
- D. Fire Resistance Rating Requirements for the Exterior Walls based on the fire separation distance (in hours):
North: N/A South: N/A East: N/A West: N/A
- E. Mixed Occupancies: YES Nonseparated Uses: AS PER I.B.C. SECTION 302.2
- F. Sprinklers:
Required: YES Provided: YES Type of Sprinkler System: WET PIPE
- G. Number of Stories: 1 Building Height: 20 FEET
- H. Actual Area Of Remodel Space (square feet): 5733 square feet
- I. Actual Area Of New Addition: N/A
- J. Total Area Of Remodel and Addition: 5733 square feet
- K. Area Modifications:
$$A_a = A_1 + \left[\frac{A_1 I_1}{100} + \frac{A_2 I_2}{100} \right] I_1 = 100 \left[\frac{F}{P} - 0.25 \right] \frac{W}{30}$$
- b) Sum of the Ratio Calculations for Mixed Occupancies:
Actual Area ≤ Allowable Area
- c) Total Allowable Area for:
1) One Story: —
2) Two Story: A₂(2)
3) Three Story: A₂(3)
- d) Unlimited Area Building: Yes X No — Code Section: N/A

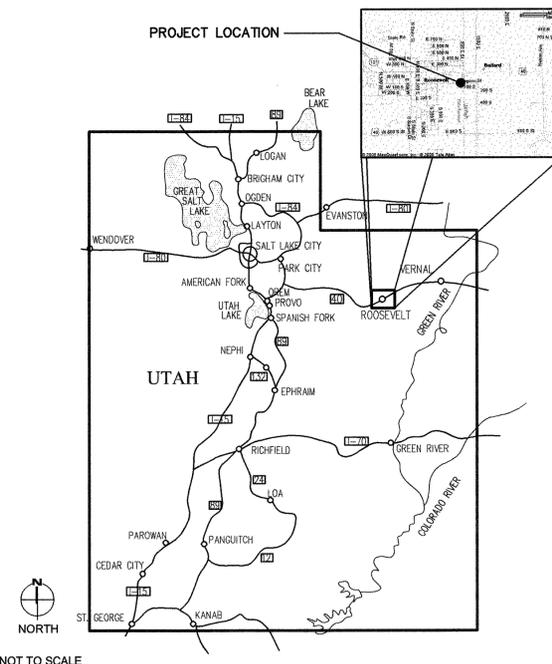
L. Fire Resistance Rating Requirements for Building Elements (hours).

Element	Hours	Assembly Listing	Element	Hours	Assembly Listing
Exterior Bearing Walls	2	—	Floors - Ceiling Floors	0	—
Interior Bearing Walls	0	—	Roofs - Ceiling Roofs	0	—
Exterior Non-Bearing Walls	0	—	Exterior Doors and Windows	0	—
Structural Frame	0	—	Shaft Enclosures	N/A	—
Partitions - Permanent	0	—	Fire Walls	0	—
Fire Barriers	0	—	Fire Partitions	0	—
			Smoke Partitions	0	—

- L. Design Occupant Load:
Exit Width Required: 32" Exit Width Provided: 38"
- M. Minimum Number of Required Plumbing Facilities:
a) Water Closets - Required (m) N/A (f) N/A Provided (m) N/A (f) N/A
b) Lavatories - Required (m) N/A (f) N/A Provided (m) N/A (f) N/A
c) Bath Tubs or Showers: N/A
d) Drinking Fountains: N/A Service Sinks: N/A

- FOOTNOTES:
1) In case of conflict with the U.S. Department of Justice Federal Registers Parts 1 through X - ADA Guidelines and specific reference to the International Building Code Accessibility Chapters, the more restrictive requirement shall govern.
2) Additional Code Information shall be provided at the discretion of the Building Official for Complex Buildings. Including, but not limited to:
a) High Rise Requirements.
b) Atriums.
c) Performance Based Criteria.
d) Means or Egress Analysis.
e) Fire Assembly Locator Sheet.
f) Exterior and Interior Accessibility Route.
g) Fire Stopping, Including Tested Design Number.

VICINITY MAP



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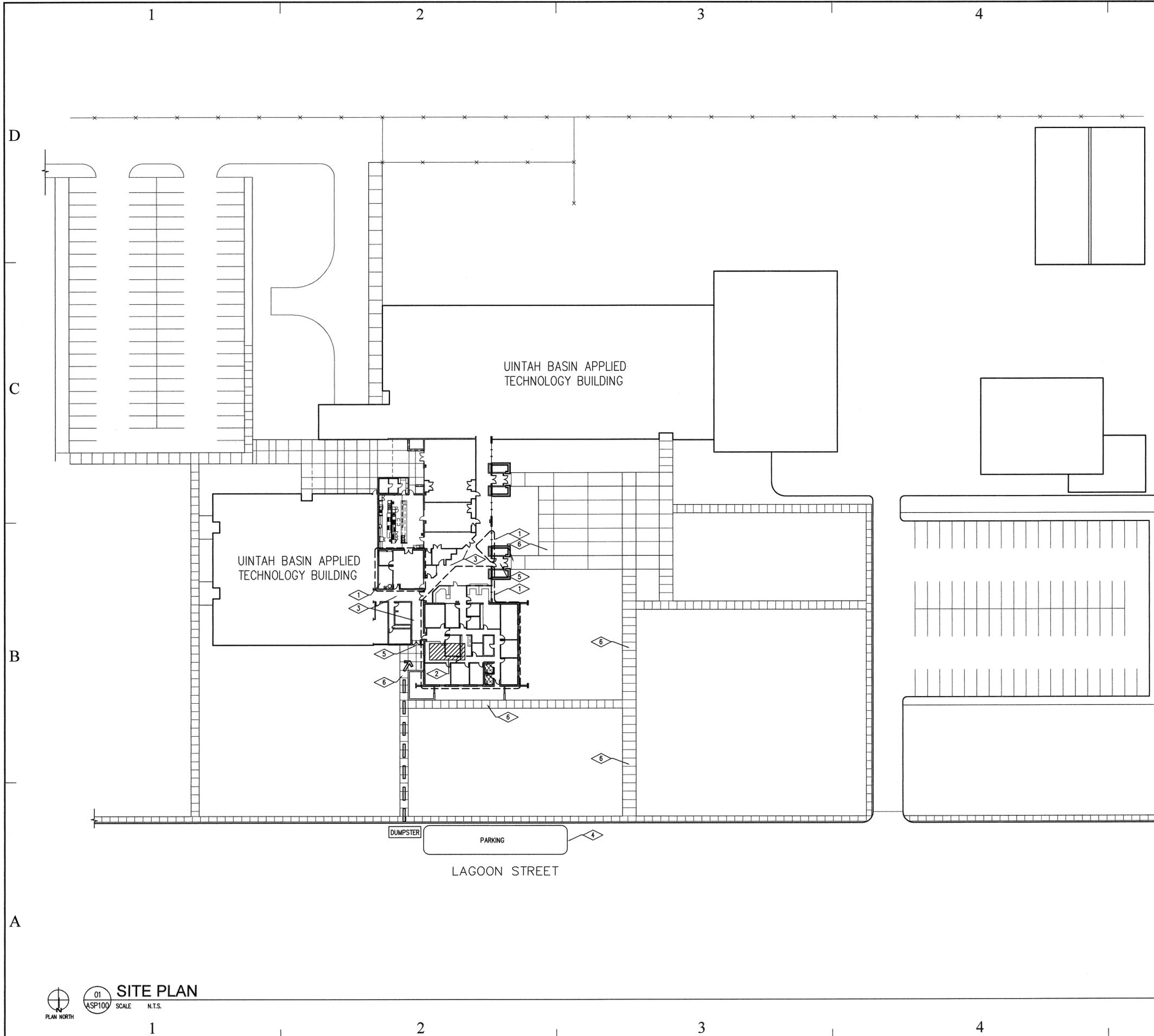
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SHEET TITLE

GENERAL INFORMATION

SHEET NUMBER

A-G1001



REFERENCE NOTES

- 1 PROJECT LOCATION
- 2 GENERAL CONTRACTORS STAGING AREA
- 3 EXISTING CORRIDORS TO REMAIN OPEN TO PEDESTRIANS AT ALL TIMES DURING CONSTRUCTION
- 4 GENERAL CONTRACTORS PARKING AREA
- 5 EXISTING ENTRANCES TO REMAIN CLEAR AT ALL TIMES
- 6 EXISTING SIDEWALKS TO REMAIN CLEAR AT ALL TIMES

LEGEND

- CONTRACTOR STAGING AREA
- CONTRACTOR PARKING AREA
- CONTRACTORS DUMPSTER LOCATION

GENERAL NOTES

1. GENERAL CONTRACTOR IS RESPONSIBLE FOR REPLACEMENT OF ANY SIDEWALK, CURB & GUTTER, ASPHALT, LANDSCAPING ETC. DISTURBED OR DESTROYED DURING CONSTRUCTION.
2. CONTRACTOR SHALL MAINTAIN EMERGENCY AND UTILITY VEHICLE ACCESS AT ALL TIMES TO ALL EXISTING BUILDINGS AND BUILDING ENTRANCES
3. GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING SITE AND PROJECT CONDITIONS PRIOR TO BIDDING.
4. GENERAL CONTRACTOR SHALL PROTECT EXISTING BUILDING FROM DAMAGE DURING CONSTRUCTION.
5. EXISTING DRIVE APPROACHES TO REMAIN CLEAR AT ALL TIMES
6. ALL EXISTING SIDEWALKS TO REMAIN CLEAR AT ALL TIMES
7. ALL EXISTING CONCRETE AND ASPHALT PATHWAYS TO REMAIN OPEN TO PEDESTRIANS AND VEHICLES AT ALL TIMES DURING CONSTRUCTION

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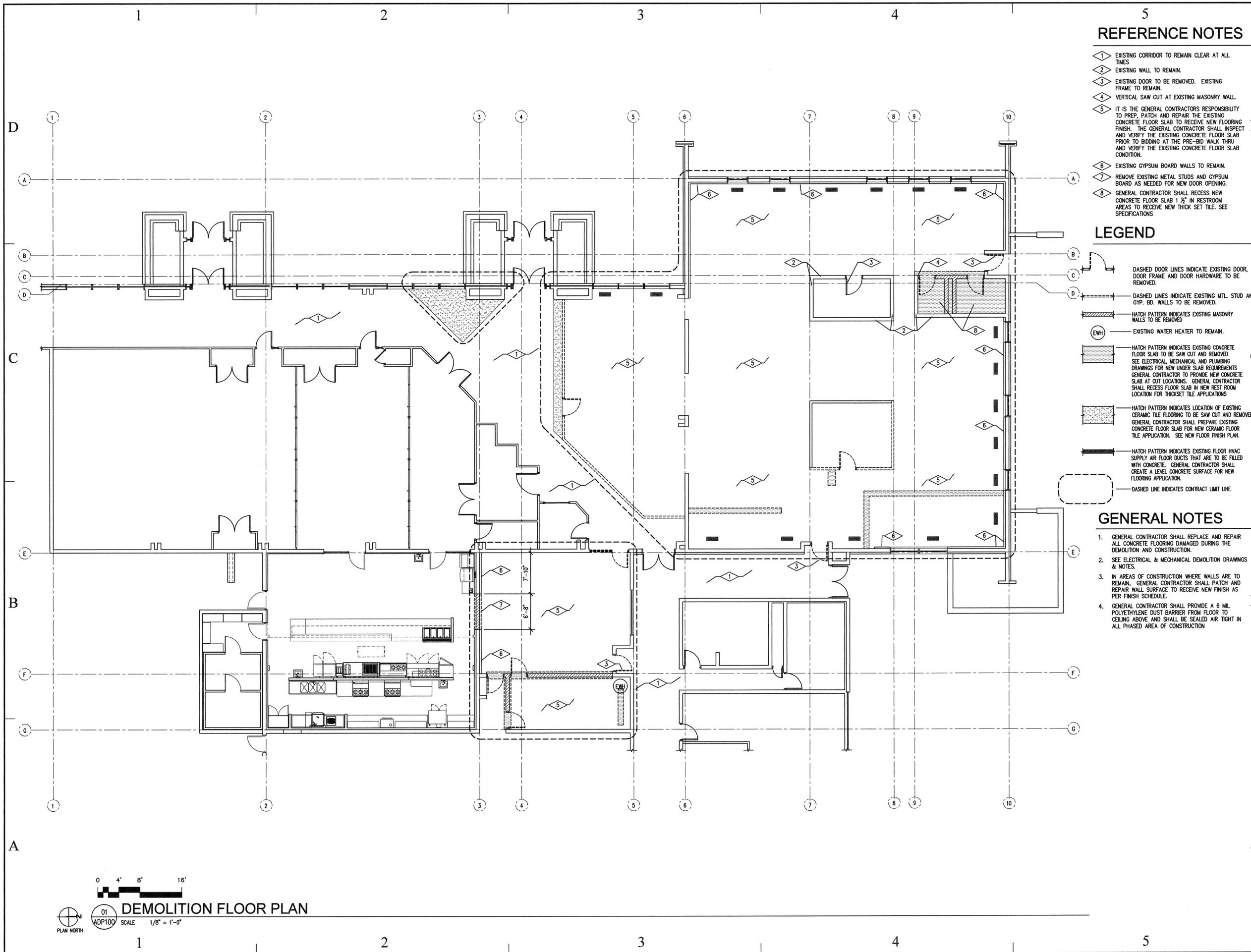
SHEET TITLE

SITE PLAN

SHEET NUMBER

A-SP100

SITE PLAN
 01 ASP100 SCALE N.T.S.
 PLAN NORTH



REFERENCE NOTES

- 1 EXISTING CORRIDOR TO REMAIN CLEAR AT ALL TIMES
- 2 EXISTING WALL TO REMAIN.
- 3 EXISTING DOOR TO BE REMOVED. EXISTING FRAME TO REMAIN.
- 4 VERTICAL SAW CUT AT EXISTING MASONRY WALL.
- 5 IT IS THE GENERAL CONTRACTORS RESPONSIBILITY TO PREP, PATCH AND REPAIR THE EXISTING CONCRETE FLOOR SLAB TO RECEIVE NEW FLOORING FINISH. THE GENERAL CONTRACTOR SHALL INSPECT AND VERIFY THE EXISTING CONCRETE FLOOR SLAB PRIOR TO BIDDING AT THE PRE-BID WALK THRU AND VERIFY THE EXISTING CONCRETE FLOOR SLAB CONDITION.
- 6 EXISTING GYPSUM BOARD WALLS TO REMAIN.
- 7 REMOVE EXISTING METAL STUDS AND GYPSUM BOARD AS NEEDED FOR NEW DOOR OPENING.
- 8 GENERAL CONTRACTOR SHALL RECESS NEW CONCRETE FLOOR SLAB 1 1/2" IN RESTROOM AREAS TO RECEIVE NEW THICK SET TILE. SEE SPECIFICATIONS

LEGEND

- DASHED DOOR LINES INDICATE EXISTING DOOR, DOOR FRAME AND DOOR HARDWARE TO BE REMOVED.
- DASHED LINES INDICATE EXISTING MTL. STUD AND GYP. BD. WALLS TO BE REMOVED.
- HATCH PATTERN INDICATES EXISTING MASONRY WALLS TO BE REMOVED
- (EWH) EXISTING WATER HEATER TO REMAIN.
- HATCH PATTERN INDICATES EXISTING CONCRETE FLOOR SLAB TO BE SAW CUT AND REMOVED. SEE ELECTRICAL, MECHANICAL AND PLUMBING DRAWINGS FOR NEW UNDER SLAB REQUIREMENTS. GENERAL CONTRACTOR TO PROVIDE NEW CONCRETE SLAB AT CUT LOCATIONS. GENERAL CONTRACTOR SHALL RECESS FLOOR SLAB IN NEW REST ROOM LOCATION FOR THICKSET TILE APPLICATIONS
- HATCH PATTERN INDICATES LOCATION OF EXISTING CERAMIC TILE FLOORING TO BE SAW CUT AND REMOVED. GENERAL CONTRACTOR SHALL PREPARE EXISTING CONCRETE FLOOR SLAB FOR NEW CERAMIC FLOOR TILE APPLICATION. SEE NEW FLOOR FINISH PLAN.
- HATCH PATTERN INDICATES EXISTING FLOOR HVAC SUPPLY AIR FLOOR DUCTS THAT ARE TO BE FILLED WITH CONCRETE. GENERAL CONTRACTOR SHALL CREATE A LEVEL CONCRETE SURFACE FOR NEW FLOORING APPLICATION.
- DASHED LINE INDICATES CONTRACT LIMIT LINE

GENERAL NOTES

1. GENERAL CONTRACTOR SHALL REPLACE AND REPAIR ALL CONCRETE FLOORING DAMAGED DURING THE DEMOLITION AND CONSTRUCTION.
2. SEE ELECTRICAL & MECHANICAL DEMOLITION DRAWINGS & NOTES.
3. IN AREAS OF CONSTRUCTION WHERE WALLS ARE TO REMAIN, GENERAL CONTRACTOR SHALL PATCH AND REPAIR WALL SURFACE TO RECEIVE NEW FINISH AS PER FINISH SCHEDULE.
4. GENERAL CONTRACTOR SHALL PROVIDE A 6 MIL POLYETHYLENE DUST BARRIER FROM FLOOR TO CEILING ABOVE AND SHALL BE SEALED AIR TIGHT IN ALL PHASED AREA OF CONSTRUCTION

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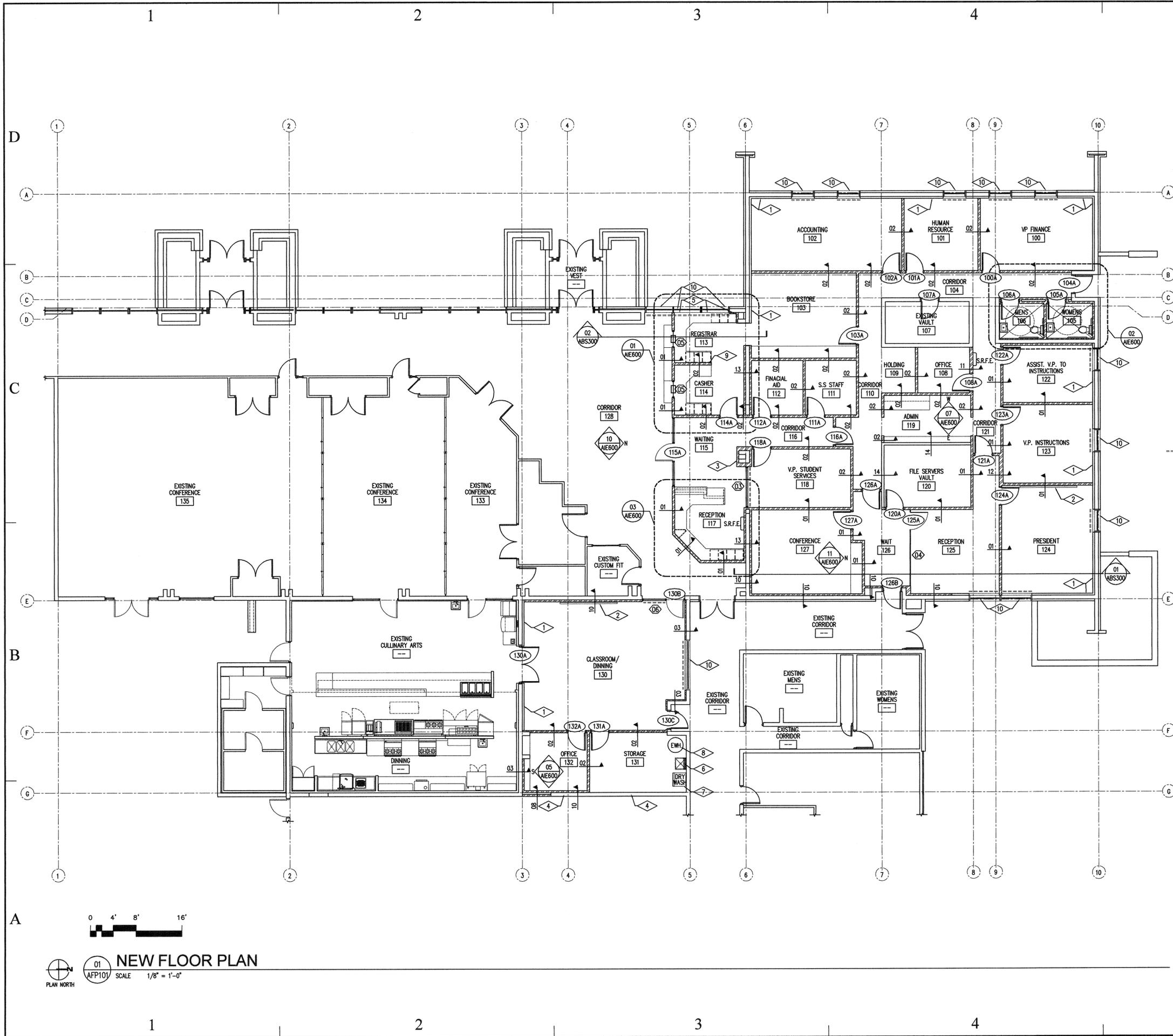
SHEET TITLE
DEMOLITION FLOOR PLAN

SHEET NUMBER
A-DP100

0 4' 8' 16'

DEMOLITION FLOOR PLAN

01 ADP100 SCALE 1/8" = 1'-0"



REFERENCE NOTES

- 1 AT EXISTING GYPSUM BOARD WALLS THAT ARE TO REMAIN, THE GENERAL CONTRACTOR SHALL PATCH, REPAIR AND FINISH WALL SURFACES TO CREATE A "LIKE NEW" APPEARANCE AND TO RECEIVE NEW PAINT COATING
- 2 NEW 10'-0" WIDE x 5'-0" HIGH WHITE BOARD, SEE SPECIFICATION
- 3 GENERAL CONTRACTOR SHALL PROVIDE 3 5/8" METAL STUD FRAMING @ 16" O.C. WITH 5/8" TYPE "X" GYPSUM BOARD FRAMING AND FINISH AT EXISTING MASONRY WALL/COLUMN LOCATION
- 4 GENERAL CONTRACTOR SHALL PROVIDE 3 5/8" METAL STUD FRAMING @ 16" O.C. FROM TOP OF EXISTING MASONRY WALL TO BOTTOM OF EXISTING ROOF DECKING. GENERAL CONTRACTOR SHALL PROVIDE 5/8" TYPE "X" GYPSUM BOARD WITH LEVEL 1 FINISH AT FRAMED WALL. TOP OF MASONRY TO BOTTOM OF EXISTING DECKING IS 6'-0"
- 5 GENERAL CONTRACTOR SHALL PROVIDE 3 5/8" METAL STUD FRAMING @ 16" O.C. WITH 5/8" TYPE "X" GYPSUM BOARD FRAMING AND FINISH AT EXISTING MASONRY WALL LOCATION. GYPSUM BOARD AND METAL STUD SYSTEM TO COVER LOWER SPANDREL PANEL, SEE PARTIAL BUILDING SECTION 02/ABS300
- 6 NEW JANITORS FLOOR SINK WITH MOP RACK ABOVE, SEE PLUMBING DRAWINGS AND SPECIFICATIONS
- 7 WASHER AND DRYER N.I.C.
- 8 EXISTING HOT WATER HEATER NOT TO BE DISTURBED.
- 9 NEW WALL TO 5'-4" A.F.F.
- 10 EXISTING WINDOWS TO REMAIN UNDISTURBED.

LEGEND

- RM. NAME ROOM TAG
- 101A DOOR TAG
- 03 WALL TYPE, SEE WALL TYPE THIS SHEET
- NEW GYPSUM BOARD WALL LOCATION, SEE WALL TYPES
- 01 WINDOW TAG
- S.R.F.E. SEMI-RECESSED CLASS A.B.C. 20LB FIRE EXTINGUISHER, SEE SPECIFICATION
- DASHED LINE AT WINDOWS INDICATES LOCATION OF HORIZONTAL BLINDS, SEE SPECIFICATION SECTION 12511

GENERAL NOTES

1. GENERAL CONTRACTOR SHALL REPLACE AND REPAIR ALL CONCRETE FLOORING DAMAGED DURING THE DEMOLITION AND CONSTRUCTION.
2. SEE ELECTRICAL & MECHANICAL DEMOLITION DRAWINGS & NOTES.
3. GENERAL CONTRACTOR SHALL PATCH AND REPAIR ALL EXISTING INTERIOR GYPSUM BOARD WALL SURFACES THAT ARE NOTED TO RECEIVE A NEW PAINT FINISH. PATCH AND REPAIR TO CREATE A "LIKE NEW" FINISHED SURFACE PRIOR TO RECEIVE NEW PAINT COATING.
4. GENERAL CONTRACTOR SHALL PROVIDE A 6 MIL POLYETHYLENE DUST BARRIER FROM FLOOR TO DECK ABOVE. DUST BARRIER SHALL BE SEALED AIR TIGHT IN ALL PHASED AREA OF CONSTRUCTION.
5. UPON COMPLETION OF CONSTRUCTION IT IS THE GENERAL CONTRACTOR RESPONSIBILITY TO THOROUGHLY CLEAN ALL AREAS IN WHICH CONSTRUCTION TOOK PLACE AND AREAS AFFECTED BY THE CONSTRUCTION. THE GENERAL CONTRACTOR SHALL CLEAN ALL CARPET, REMOVE ALL DUST, CLEAN DOORS AND FRAMES, LIGHT FIXTURES, CEILING SYSTEMS, MECHANICAL GRILLS, ELECTRICAL PANELS, WINDOW SYSTEMS AND GLAZING ETC..

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FLOOR PLAN

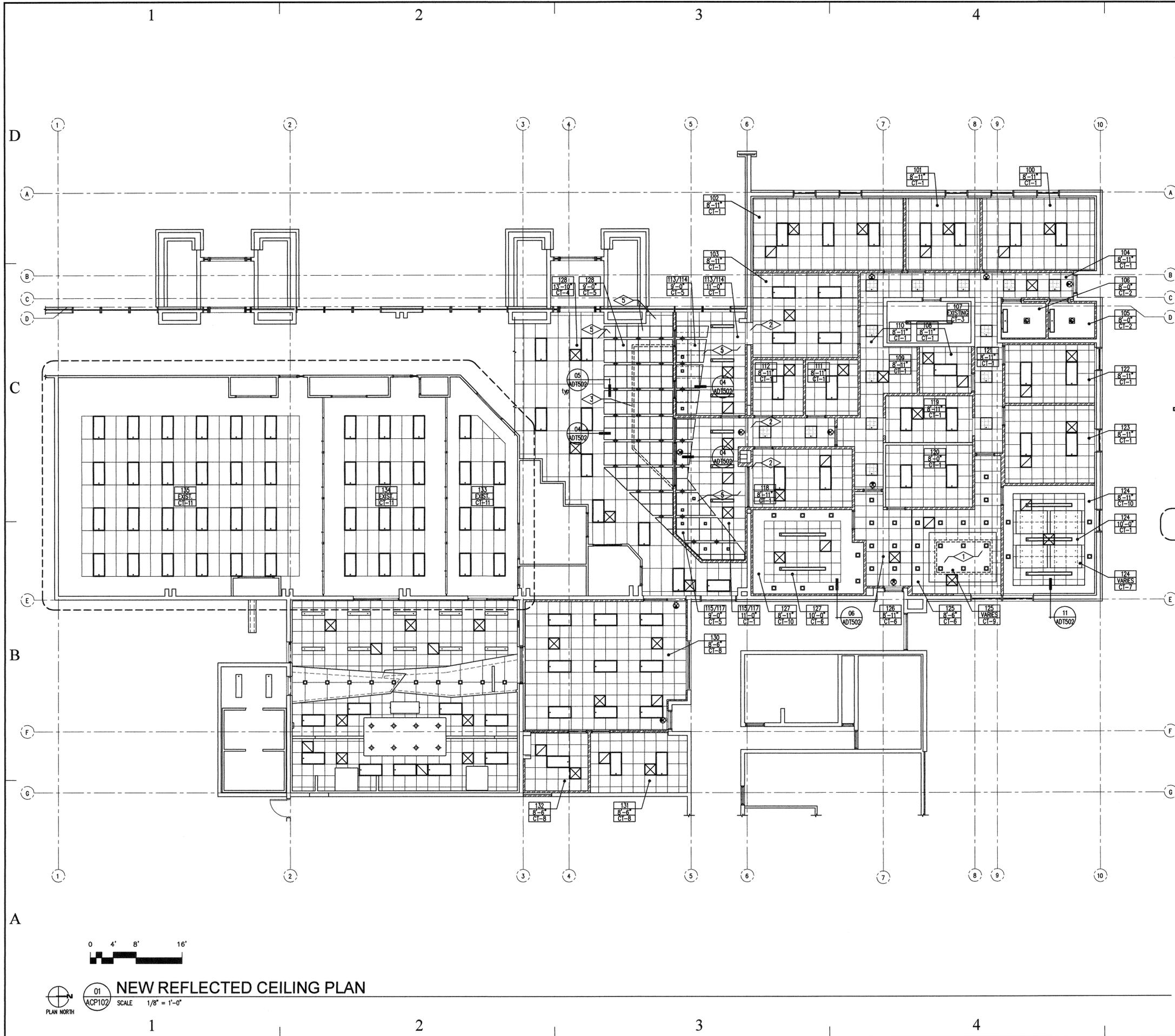
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A-FP101



NEW FLOOR PLAN
SCALE 1/8" = 1'-0"





REFERENCE NOTES

- 1 REVEAL LOCATION IN GYPSUM BOARD CEILING, SEE DETAIL.
- 2 GYPSUM BOARD BULKHEAD.
- 3 DASHED LINE LOCATION OF WALL ABOVE LOWER CEILING SYSTEM. GYPSUM BOARD AND METAL STUD WALL TO BE PRIMED AND PAINTED, SEE SECTIONS 02/ABS300
- 5 UPPER CEILING TO EXTEND OVER LOWER CEILING, SEE SECTIONS.
- 6

GENERAL NOTES

1. REFER TO FINISH SCHEDULE FOR ADDITIONAL FINISH NOTES.
2. NEW SUSPENDED CEILING GRIDS SHALL BE CENTERED IN SPACES AS SHOWN ON REFLECTED CEILING PLANS, UNLESS SHOWN OTHERWISE.
3. SEE DETAIL FOR LAY IN CEILING TILE HORIZONTAL RESTRAINT

CEILING LEGEND

- 101 ROOM NUMBER
- 9'-0" CEILING HEIGHT
- CI CEILING TYPE
- NEW 2x4 FLUORESCENT LAY-IN LIGHT FIXTURE. SEE ELECTRICAL DRAWINGS.
- NEW EXIT SIGN, SEE ELECTRICAL DRAWINGS.
- NEW RECESSED CAN LIGHT FIXTURE, SEE ELECTRICAL DRAWINGS
- WALL MOUNTED LIGHT FIXTURE, SEE ELECTRICAL DRAWINGS
- WALL MOUNTED LIGHT FIXTURE, SEE ELECTRICAL DRAWINGS
- TRACK LIGHT FIXTURE, SEE ELECTRICAL DRAWINGS
- DIRECT/INDIRECT CEILING MOUNTED LIGHT FIXTURE, SEE ELECTRICAL DRAWINGS
- SUPPLY AIR DIFFUSER CONTRACTOR TO VERIFY LOCATION WITH MECHANICAL DRAWINGS
- RETURN AIR DIFFUSER GENERAL CONTRACTOR TO VERIFY WITH MECHANICAL DRAWINGS
- CEILING EXHAUST FAN, SEE MECHANICAL DRAWINGS
- "ARMSTRONG" OR APPROVED EQUAL WOOD WORKS CUSTOM CURVED CEILING CANOPY IN OFFICE 124 ONLY. SEE SECTIONS AND SPECIFICATION.
- DASHED LINE INDICATES AREA OF CEILING AFFECTED BY ADD ALTERNATE NUMBER 1. SEE CEILING TYPE 11 AND ADD ALTERNATE FOR DESCRIPTION OF WORK TO BE PERFORMED IN THIS LOCATION

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PROJECT TITLE:
UTAH COLLEGE OF APPLIED TECHNOLOGY
CULINARY ARTS CLASSROOM AND ADMINISTRATION OFFICE REMODLE

1100 EAST LAGOON STREET
 ROOSEVELT, UTAH

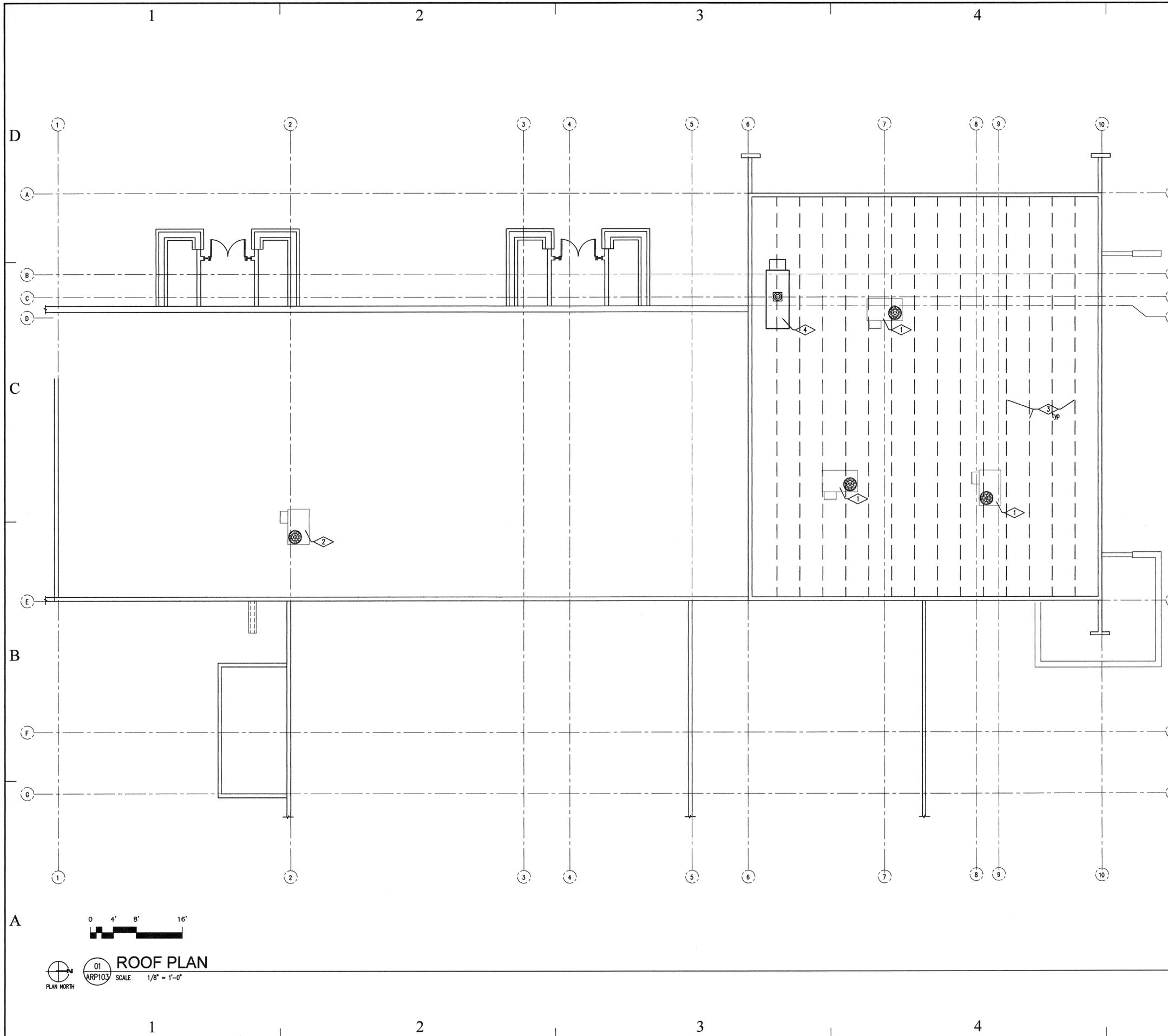
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ISSUE TYPE: CONSTRUCTION DOCUMENTS		

ISSUE DATE: 12th May, 2008

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 CAD DWG FILE:
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 SHEET TITLE

REFLECTED CEILING PLAN

SHEET NUMBER
A-CP102



REFERENCE NOTES

- 1 NEW HVAC ROOF TOP UNITS. GENERAL CONTRACTOR SHALL PROVIDE NEW MECHANICAL UNIT CURBING AND TIE INTO EXISTING B.U.R. SYSTEM TO MAINTAIN EXISTING ROOFING SYSTEM WARRANTY. SEE STRUCTURAL DRAWING AND MECHANICAL DRAWINGS AND SPECIFICATIONS.
- 2 NEW HVAC ROOF TOP UNIT AS PER ADD ALTERNATE NUMBER 1. GENERAL CONTRACTOR SHALL PROVIDE NEW MECHANICAL UNIT CURBING AND TIE INTO EXISTING B.U.R. SYSTEM TO MAINTAIN EXISTING ROOFING SYSTEM WARRANTY. SEE STRUCTURAL AND MECHANICAL DRAWINGS AND SPECIFICATIONS.
- 3 DASHED LINES INDICATE EXISTING ROOF TRUSS SYSTEM LOCATION. GENERAL CONTRACTOR SHALL VERIFY EXACT TRUSS SYSTEM LOCATION.
- 4 EXISTING MAKE-UP AIR UNIT AND ASSOCIATED CURBING AND DUCT WORK TO BE REMOVED AS PART OF ADD ALTERNATE NUMBER 1. GENERAL CONTRACTOR SHALL PATCH EXISTING ROOF DECKING SYSTEM WITH LIKE MATERIAL. GENERAL CONTRACTOR SHALL PROVIDE NEW MECHANICALLY FASTENED 3/4" PERLITE OVER 4" POLYISOCYANURATE RIGID INSULATION BOARD. GENERAL CONTRACTOR SHALL PATCH EXISTING 4 PLY BUILT-UP ROOFING SYSTEM WITH SAME ROOFING SYSTEM MATERIAL AND BALLAST.

GENERAL NOTES

- 1. CONTRACTOR MUST VISIT THE SITE SO AS TO BE FAMILIAR WITH ALL EXISTING CONDITIONS. BRING ANY QUESTIONS OR CONCERNS TO THE ATTENTION OF THE PROJECT MANAGER FOR CLARIFICATION. FOR ADDENDUM PRIOR TO BID OPENING. NO ALLOWANCES WILL BE MADE FOR CONDITIONS THAT ARE CLEARLY VISIBLE.
- 2. CONTRACTOR SHALL WORK WITH LOCAL LEADERSHIP ON SCHEDULING TO INSURE CONTINUED USE OF THE BUILDING NEITHER THE CONTRACTOR NOR ANY OF HIS PEOPLE SHALL HAVE ACCESS TO THE BUILDING WITHOUT PRIOR AUTHORIZATION.
- 3. ALL SAFETY STANDARD AND REQUIREMENTS ARE THE RESPONSIBILITY OF THE CONTRACTOR.
- 4. CONTRACTOR RESPONSIBLE TO KEEP BUILDING WATERTIGHT AT ALL TIMES. STARTING FROM NOTICE TO PROCEED TO SUBSTANTIAL COMPLETION ANY DAMAGE TO THE BUILDING OF ITS CONTENTS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- 5. GENERAL CONTRACTOR SHALL COORDINATE SHUTDOWN OF EXISTING MECHANICAL SYSTEMS WITH USERS PRIOR TO STARTING WORK.
- 6. ALL PIPES, CONDUITS AND MECHANICAL UNITS TO REMAIN ON ROOF ARE TO BE PROTECTED AND KEPT CLEAN THROUGH THE END OF CONSTRUCTION.
- 7. THE GENERAL CONTRACTOR SHALL PROVIDE PROTECTION FOR THE EXISTING BUILDING, WALK WAYS AND SURROUNDING SITE AS NECESSARY FROM DAMAGE THAT MAY RESULT FROM THE REMOVAL OF EXISTING MECHANICAL UNITS AND ROOFING MATERIALS.
- 8. GENERAL CONTRACTOR SHALL KEEP ALL WALKWAYS OPEN DURING THE CONSTRUCTION PERIOD. ABSOLUTELY NO MATERIAL SHALL BE DROPPED, OR THROWN FROM THE ROOF.
- 9. BEFORE FABRICATION OF ANY SHEET METAL WORK, SUBMIT SHOP DRAWINGS TO PROJECT ARCHITECT FOR REVIEW AND APPROVAL.
- 10. FIELD VERIFY ALL DIMENSIONS PRIOR TO ORDERING ANY MATERIALS, VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS. DO NOT SCALE DRAWINGS FOR QUANTITIES.
- 11. ANY SIDING, FASCIA, ETC. THAT NEEDS TO BE REMOVED TO COMPLETE THIS JOB ARE TO BE PART OF THE CONTRACT. CARE MUST BE TAKEN TO ENSURE THAT ALL ITEMS TO BE REINSTALLED ARE NOTE DAMAGED DURING REMOVAL AND/OR INSTALLATION. CONTRACTOR WILL REPLACE ALL PIECES THAT ARE DAMAGED.
- 12. AT THE END OF CONSTRUCTION, CONTRACTOR IS TO CLEAN OUT AND FLUSH ALL ROOF DRAIN LINES TO MAKE SURE THEY ARE NOT PLUGGED AND ARE IN WORKING CONDITION.



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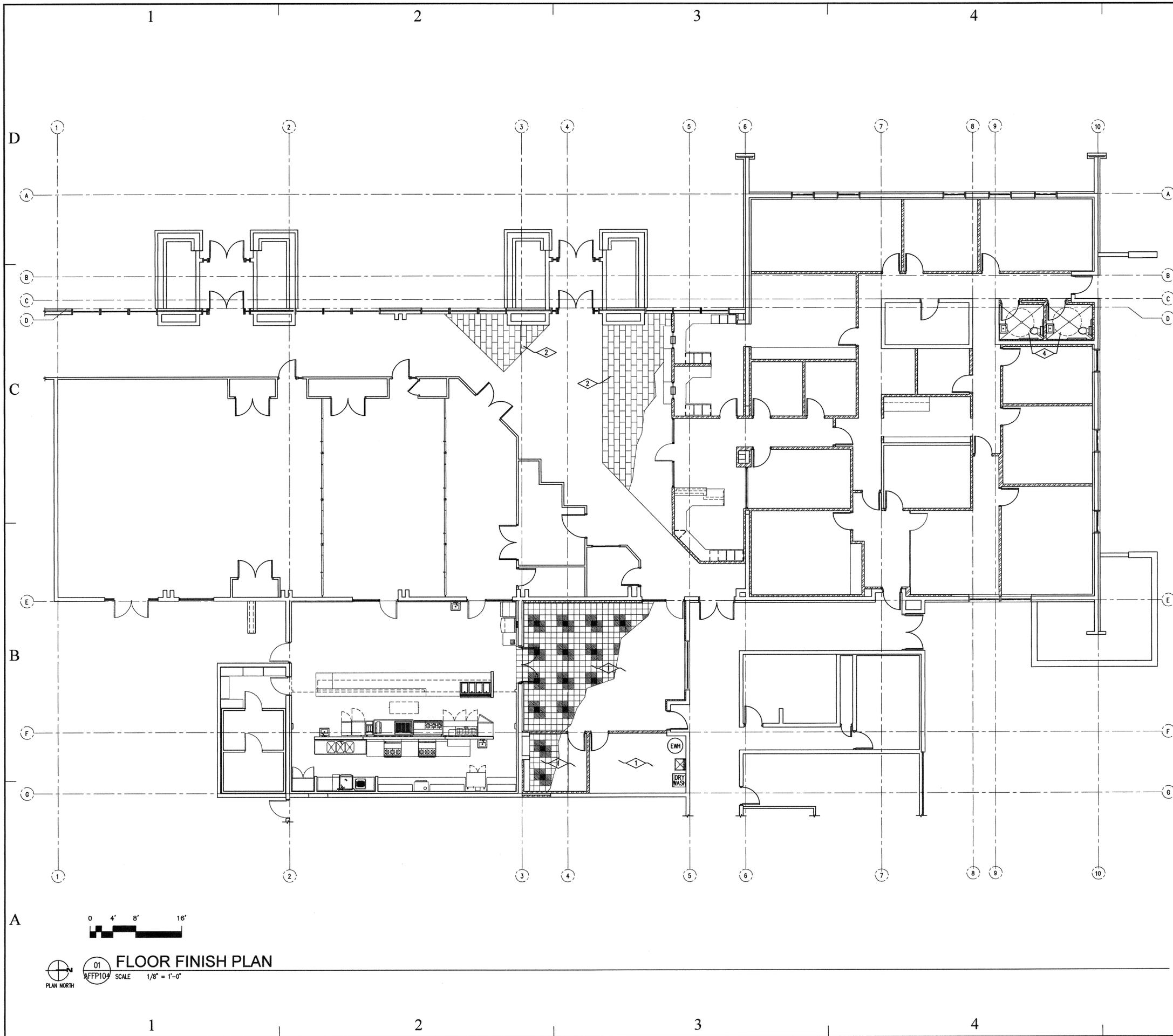
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SHEET TITLE

ROOF PLAN

SHEET NUMBER

A-RP103



5

REFERENCE NOTES

- 1 V.C.T. FLOORING SYSTEM, SEE SPECIFICATIONS AND DETAILS.
- 2 NEW THIN SET CERAMIC FLOOR TILE FLOORING SYSTEM OVER EXISTING CONCRETE FLOOR SLAB, SEE SPECIFICATIONS.
- 3 FIBERGLASS REINFORCED PANELS FROM TOP OF SCHEDULED BASE TO BOTTOM OF FINISHED CEILING. SEE ROOM FINISH SCHEDULE.
- 4 NEW THICK SET CERAMIC FLOOR TILE FLOORING SYSTEM OVER RECESSED CONCRETE FLOOR SLAB, SEE SPECIFICATIONS.

GENERAL NOTES

- 1. REFER TO FINISH SCHEDULE FOR ADDITIONAL FINISH NOTES.
- 2. SEE WALL TYPES FOR WALL ASSEMBLIES.

LEDGEND

- V.C.T. COLOR #1
- V.C.T. COLOR #2
- V.C.T. COLOR #3

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architecture | planning | design

CONSULTANT: xyz engineering

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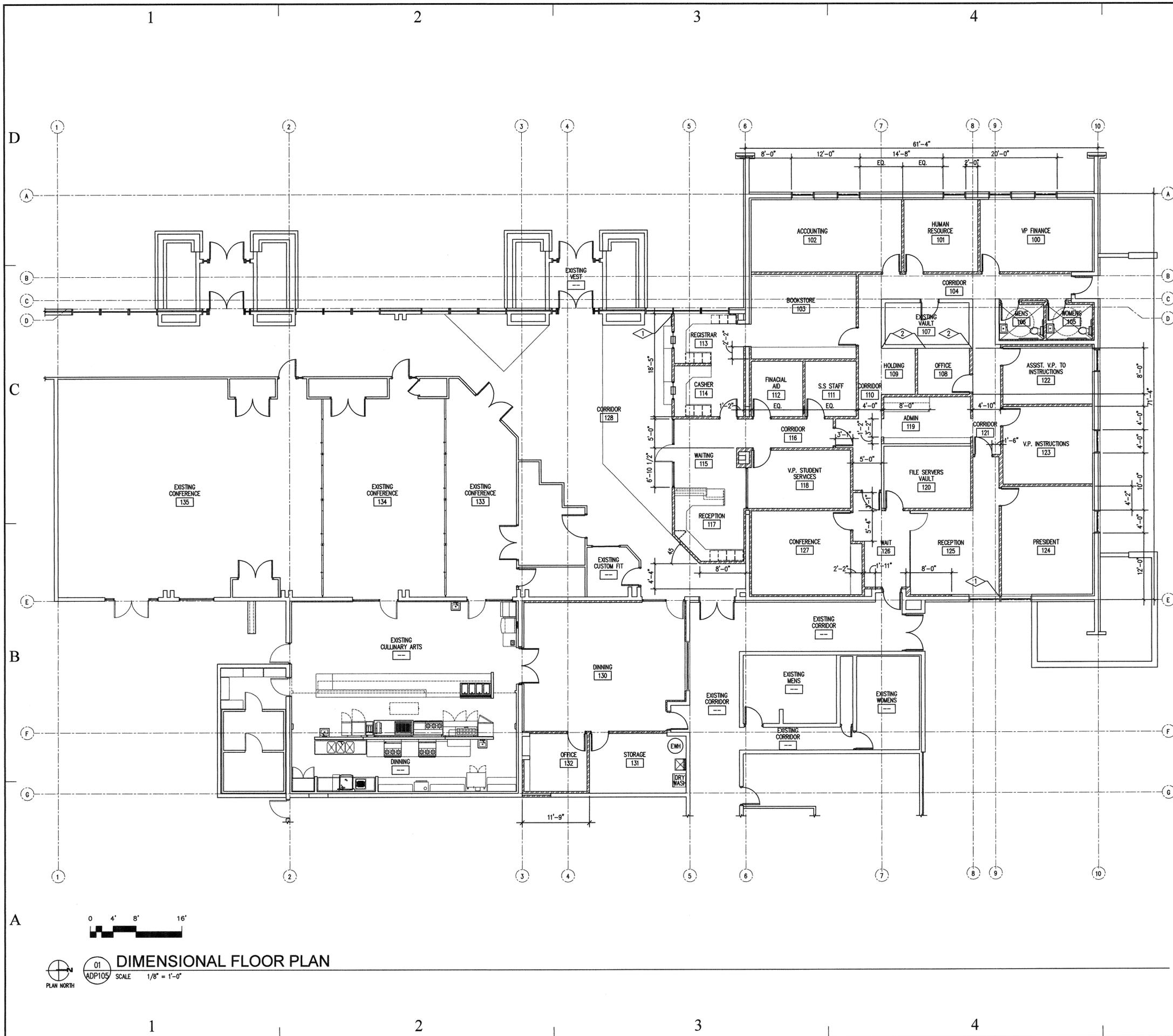
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SHEET TITLE

FLOOR FINISH PLAN

SHEET NUMBER

A-FFP104



5
REFERENCE NOTES

- 1 ALIGN CENTER OF WALL WITH CENTER OF EXISTING WINDOW MULLION.
- 2 FACE OF EXISTING MASONRY WALL

State of Utah

Department of Administrative Services

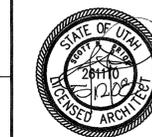
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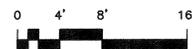
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SHEET TITLE

DIMENSIONAL FLOOR PLAN

SHEET NUMBER

A-DP105



01 **DIMENSIONAL FLOOR PLAN**
ADP105 SCALE 1/8" = 1'-0"





PROJECT TITLE:

UTAH COLLEGE OF APPLIED TECHNOLOGY

CULINARY ARTS CLASSROOM AND ADMINISTRATION OFFICE REMODEL

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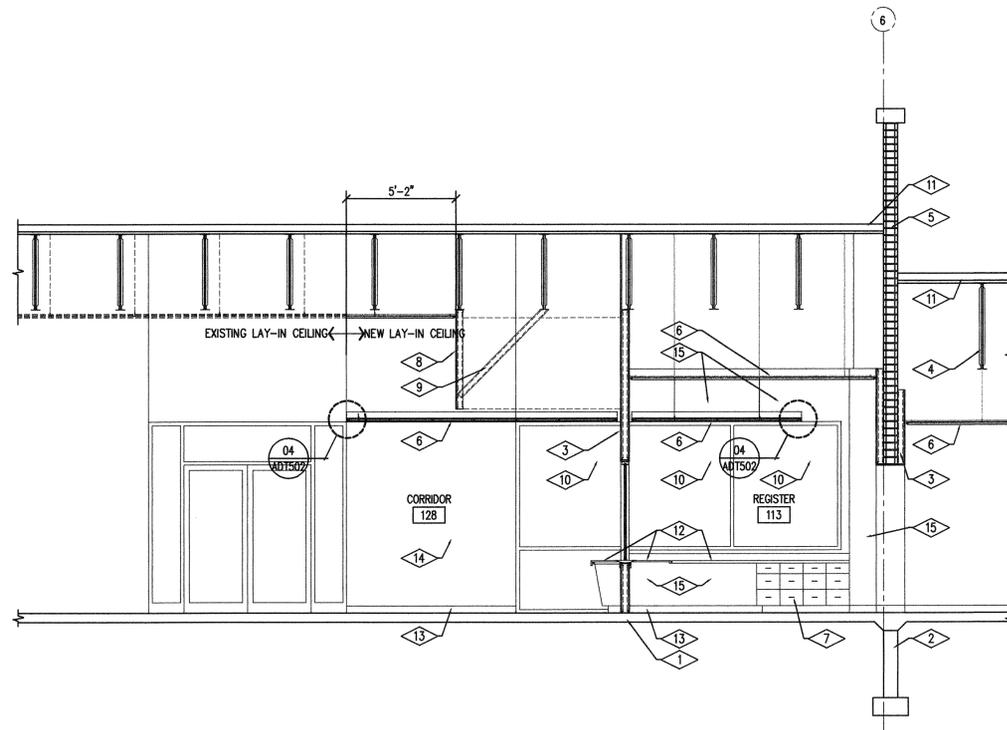
PARTIAL BUILDING SECTIONS

SHEET NUMBER

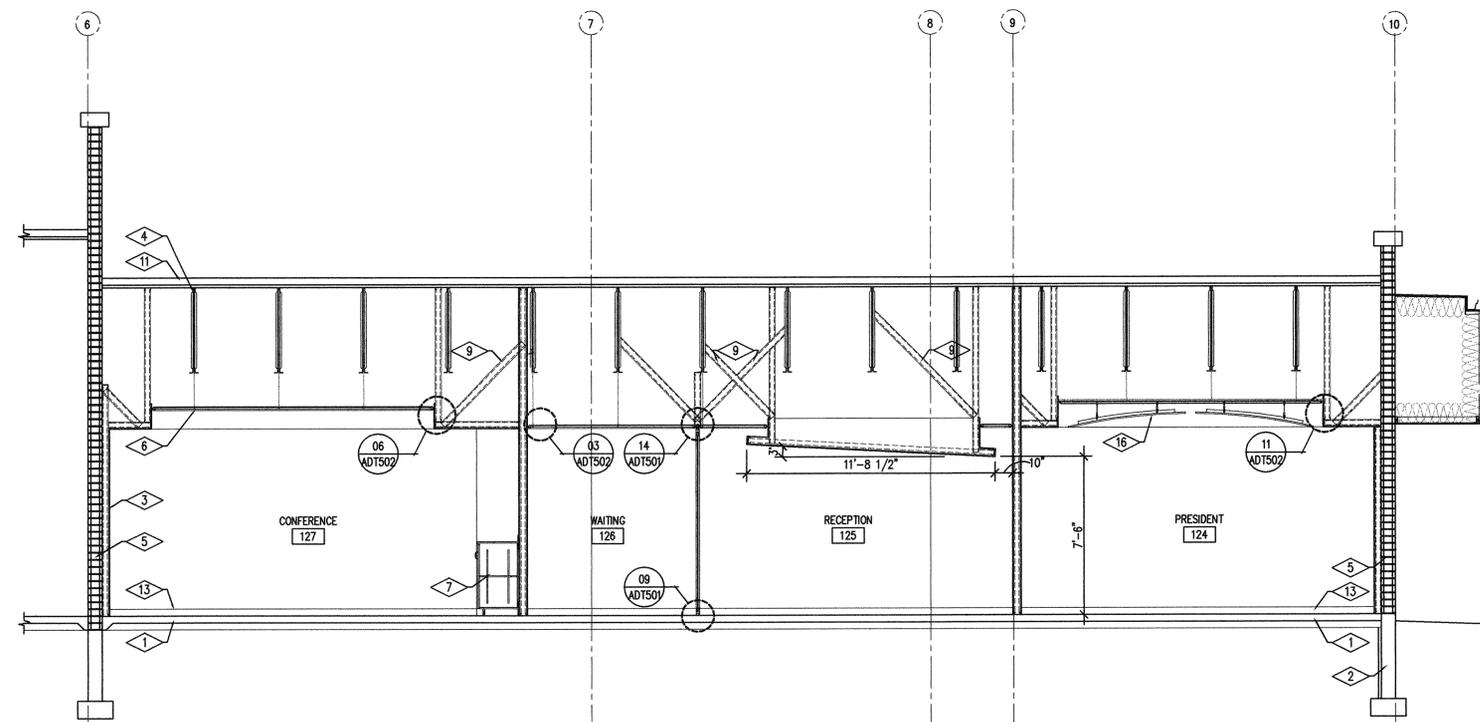
A-BS300

REFERENCE NOTES

- 1 EXISTING CONCRETE FLOOR SLAB
- 2 EXISTING CONCRETE FOOTING AND FOUNDATION SYSTEM
- 3 PRIMED AND PAINTED 5/8" TYPE "X" GYPSUM BOARD OVER 3/8" METAL STUD FRAMING @ 16" O.C.
- 4 EXISTING BUILDING ROOF JOIST SYSTEM TO REMAIN UNDISTURBED.
- 5 EXISTING BUILDING MASONRY WALL SYSTEM TO REMAIN UNDISTURBED
- 6 NEW LAY-IN CEILING SYSTEM, SEE FINISH SCHEDULE, CEILING DETAILS AND SPECIFICATIONS
- 7 NEW CASEWORK, SEE CASEWORK DRAWINGS AND INTERIOR ELEVATIONS
- 8 NEW 3/8" METAL STUD FRAMING @ 16" O.C. W/ PRIMED AND PAINTED 5/8" TYPE "X" GYPSUM BOARD AT EXPOSED FACE BULK HEAD. SEE REFLECTED CEILING PLAN.
- 9 3/8" METAL STUD DIAG. BRACING @ 32" O.C.
- 10 EXISTING WINDOW SYSTEM BEYOND.
- 11 EXISTING ROOF DECKING AND INSULATION SYSTEM NOT TO BE DISTURBED.
- 12 NEW PLASTIC LAMINATE COUNTERTOP BEYOND, SEE ENLARGED PLANS AND CASEWORK SECTIONS.
- 13 NEW RUBBER BASE, SEE SPECIFICATIONS
- 14 EXISTING MASONRY WALL BEYOND, GENERAL CONTRACTOR SHALL CLEAN TO REMOVE ANY PREVIOUS CONSTRUCTION RESIDUE.
- 15 AT WEST WALL OF REGISTER 113, THE GENERAL CONTRACTOR SHALL PROVIDE A 3/8" METAL STUD WALL WITH 5/8" TYPE "X" GYPSUM BOARD, R-13 BATT INSULATION AND VAPOR BARRIER FOR FULL HEIGHT OF EXTERIOR WALL. GYPSUM BOARD TO BE PRIMED AND PAINTED.
- 16 CUSTOM CURVED CEILING PANELS, SEE SPECIFICATION.



02 PARTIAL BUILDING SECTION
ABS300 SCALE 1/4" = 1'-0"



01 PARTIAL BUILDING SECTION
ABS300 SCALE 1/4" = 1'-0"



DOOR AND FRAME SCHEDULE

DOOR	SINGLE/PAIR	DOOR				FRAME						FIRE RATING	DOOR & FRAME	NOTES		
		SIZE	DEPTH	TYPE	MATL.	FINISH	DEPTH	TYPE	MATL.	FINISH	HEAD				JAMB	THRSH
100A	S	3'-0" x 7'-0"	1 3/4"	B	W.D.	STAINED	6"	01	H.M.	PAINTED	07/ADT501	07/ADT501	NONE	02	NONE	
101A	S	3'-0" x 7'-0"	1 3/4"	B	W.D.	STAINED	6"	01	H.M.	PAINTED	07/ADT501	07/ADT501	NONE	02	NONE	
102A	S	3'-0" x 7'-0"	1 3/4"	B	W.D.	STAINED	6"	01	H.M.	PAINTED	07/ADT501	07/ADT501	NONE	02	NONE	
103A	S	3'-0" x 7'-0"	1 3/4"	B	W.D.	STAINED	6"	01	H.M.	PAINTED	07/ADT501	07/ADT501	NONE	04	NONE	
104A	S	3'-0" x 7'-0"	1 3/4"	E	H.M.	PAINT			H.M.	PAINTED			02/ADT501	01	NONE	G.C. TO VERIFY EXISTING DOOR FRAME SIZE (EXISTING DOOR FRAME TO BE PAINTED)
105A	S	3'-0" x 7'-0"	1 3/4"	B	W.D.	STAINED	6"	01	H.M.	PAINTED	07/ADT501	07/ADT501	05/ADT501	06	NONE	
106A	S	3'-0" x 7'-0"	1 3/4"	B	W.D.	STAINED	6"	01	H.M.	PAINTED	07/ADT501	07/ADT501	05/ADT501	06	NONE	
107A	S	3'-0" x 7'-0"	1 3/4"	B	W.D.	STAINED			H.M.	PAINTED				05	NONE	G.C. TO VERIFY EXISTING DOOR FRAME SIZE (EXISTING DOOR FRAME TO BE PAINTED)
108A	S	3'-0" x 7'-0"	1 3/4"	B	W.D.	STAINED	7-1/2"	01	H.M.	PAINTED	08/ADT501	08/ADT501	NONE	02	NONE	
111A	S	3'-0" x 7'-0"	1 3/4"	B	W.D.	STAINED	6"	01	H.M.	PAINTED	07/ADT501	07/ADT501	NONE	02	NONE	
112A	S	3'-0" x 7'-0"	1 3/4"	B	W.D.	STAINED	6"	01	H.M.	PAINTED	07/ADT501	07/ADT501	NONE	02	NONE	
114A	S	3'-0" x 7'-0"	1 3/4"	C	W.D.	STAINED	6"	01	H.M.	PAINTED	07/ADT501	07/ADT501	NONE	04	NONE	
115A	S	3'-0" x 7'-0"	1 3/4"	A	A.L.	ANODIZ.	4"	02	A.L.	ANODIZ.	06/ADT501	06/ADT501	01/ADT501	08	NONE	
116A	S	3'-0" x 7'-0"	1 3/4"	B	W.D.	STAINED	6"	01	H.M.	PAINTED	07/ADT501	07/ADT501	NONE	04	NONE	
118A	S	3'-0" x 7'-0"	1 3/4"	B	W.D.	STAINED	6"	01	H.M.	PAINTED	07/ADT501	07/ADT501	NONE	02	NONE	
120A	S	3'-0" x 7'-0"	1 3/4"	B	W.D.	STAINED	6"	01	H.M.	PAINTED	07/ADT501	07/ADT501	NONE	05	NONE	
121A	S	3'-0" x 7'-0"	1 3/4"	B	W.D.	STAINED	6"	01	H.M.	PAINTED	07/ADT501	07/ADT501	NONE	04	NONE	
122A	S	3'-0" x 7'-0"	1 3/4"	B	W.D.	STAINED	6"	01	H.M.	PAINTED	07/ADT501	07/ADT501	NONE	02	NONE	
123A	S	3'-0" x 7'-0"	1 3/4"	B	W.D.	STAINED	6"	01	H.M.	PAINTED	07/ADT501	07/ADT501	NONE	02	NONE	
124A	S	3'-0" x 7'-0"	1 3/4"	B	W.D.	STAINED			H.M.	PAINTED	07/ADT501	07/ADT501	NONE	02	NONE	
125A	S	3'-0" x 8'-10"	3/4"	04	GLASS	S.S.	2"	04	S.S.	BRUSHED	15/ADT501	10/ADT501	NONE	10	NONE	
126A	S	3'-0" x 7'-0"	1 3/4"	B	W.D.	STAINED	6"	01	H.M.	PAINTED	07/ADT501	07/ADT501	NONE	04	NONE	
126B	S	3'-0" x 7'-0"	1 3/4"	C	W.D.	STAINED			H.M.	PAINTED			03/ADT501	04	NONE	G.C. TO VERIFY EXISTING DOOR FRAME SIZE (EXISTING DOOR FRAME TO BE PAINTED)
127A	S	3'-0" x 7'-0"	1 3/4"	B	W.D.	STAINED	6"	01	H.M.	PAINTED	07/ADT501	07/ADT501	NONE	07	NONE	
130A	P	3'-0" x 7'-0"	1 3/4"	C	W.D.	STAINED	6"	01	H.M.	PAINTED	18/ADT501	18/ADT501	NONE	03	NONE	
130B	S	3'-0" x 7'-0"	1 3/4"	A	A.L.	ANODIZ.	4"	06	A.L.	ANODIZ.	06/ADT501	06/ADT501	NONE	09	NONE	
130C	S	3'-0" x 7'-0"	1 3/4"	C	W.D.	STAINED			H.M.	PAINTED			NONE	04	NONE	G.C. TO VERIFY EXISTING DOOR FRAME SIZE (EXISTING DOOR FRAME TO BE PAINTED)
131A	S	3'-0" x 7'-0"	1 3/4"	B	W.D.	STAINED	6"	01	H.M.	PAINTED	07/ADT501	07/ADT501	NONE	02	NONE	
132A	S	3'-0" x 7'-0"	1 3/4"	B	W.D.	STAINED	6"	01	H.M.	PAINTED	07/ADT501	07/ADT501	NONE	02	NONE	

ROOM FINISH SCHEDULE

ROOM NO.	ROOM NAME	FLOOR	BASE	WALLS				CEILING		NOTES
				NORTH	EAST	SOUTH	WEST	TYPE	HEIGHT	
100	VP FINANCE	F1	B1	W1	W1	W1	W1	CT-1	8'-10 1/2"	
101	HUMAN RESOURCE	F1	B1	W1	W1	W1	W1	CT-1	8'-10 1/2"	
102	ACCOUNTING	F1	B1	W1	W1	W1	W1	CT-1	8'-10 1/2"	
103	BOOKSTORE	F1	B1	W1	W1	W1	W1	CT-1	8'-10 1/2"	
104	CORRIDOR	F1	B1	W1	W1	W1	W1	CT-1	8'-10 1/2"	
105	WOMENS	F2	B3	W2	W2	W2	W2	CT-2	8'-0"	
106	MENS	F2	B3	W2	W2	W2	W2	CT-2	8'-0"	
107	EXISTING VAULT	F1	B1	W3	W3	W3	W3	CT-3	EXISTING	
108	OFFICE	F1	B1	W1	W1	W1	W1	CT-1	8'-10 1/2"	
109	HOLDING	F1	B1	W1	W1	W1	W1	CT-1	8'-10 1/2"	
110	CORRIDOR	F1	B1	W1	W1	W1	W1	CT-1	8'-10 1/2"	
111	S.S. STAFF	F1	B1	W1	W1	W1	W1	CT-1	8'-10 1/2"	
112	FINANCIAL AID	F1	B1	W1	W1	W1	W1	CT-1	8'-10 1/2"	
113	REGISTRAR	F1	B1	W1	W1	W1	W1	CT-1	8'-10 1/2"	CT-1 TO BE AT 11'-0" --- CT-5 AT 9'-0"
114	CASHER	F1	B1	W1	W1	W1	W1	CT-1	8'-10 1/2"	CT-1 TO BE AT 11'-0" --- CT-5 AT 9'-0"
115	WAITING	F1	B1	W1	W1	W1	W1	CT-1	8'-10 1/2"	CT-1 TO BE AT 11'-0" --- CT-5 AT 9'-0"
116	CORRIDOR	F1	B1	W1	W1	W1	W1	CT-1	8'-10 1/2"	
117	RECEPTION	F1	B1	W1	W1	W1	W1	CT-1	8'-10 1/2"	CT-1 TO BE AT 11'-0" --- CT-5 AT 9'-0"
118	V.P. STUDENT SERVICES	F1	B1	W1	W1	W1	W1	CT-1	8'-10 1/2"	
119	ADMIN.	F1	B1	W1	W1	W1	W1	CT-1	8'-10 1/2"	
120	FILE SERVER	F1	B1	W1	W1	W1	W1	CT-1	8'-0"	G.C. TO VERIFY EXISTING CEILING HEIGHT
121	CORRIDOR	F1	B1	W1	W1	W1	W1	CT-1	8'-10 1/2"	
122	ASSIST. V.P. TO INSTRUCTION	F1	B1	W1	W1	W1	W1	CT-1	8'-10 1/2"	
123	V.P. INSTRUCTION	F1	B1	W1	W1	W1	W1	CT-1	8'-10 1/2"	
124	PRESIDENT	F1	B4	W4	W4	W4	W4	CT-1	8'-10 1/2"	CT-10 TO BE AT 8'-10 1/2" --- CT-1 AT 10'-0" SEE SECTIONS ON ABS300
125	RECEPTION	F1	B1	W1	W1	W1	W1	CT-6	8'-10 1/2"	SEE SECTIONS ON ABS300
126	WAITING	F1	B1	W1	W1	W1	W1	CT-6	8'-10 1/2"	
127	CONFERENCE	F1	B1	W1	W1	W1	W1	CT-6	8'-10 1/2"	CT-10 TO BE AT 8'-10 1/2" --- CT-6 AT 10'-0" SEE SECTIONS ON ABS300
128	COMMON AREA	F3	B1	W1				CT-4	13'-10 1/2"	CT-4 TO BE AT 13'-10 1/2" VERIFY EXISTING CEILING HEIGHT --- CT-5 AT 9'-0"
130	CLASSROOM/DINNING	F4	B2	W1	W1	W1	W1	CT-8	8'-6"	
131	STORAGE	F4	B2	W1	W1	W1	W1	CT-8	8'-6"	
132	OFFICE	F4	B2	W1	W1	W1	W1	CT-8	8'-6"	

(ROOMS 133, 134 AND 135 ARE ADD-ALTERNATE NO 1 SEE SPECIFICATION)

133	EXISTING CONFERENCE	CT-11	EXISTING
134	EXISTING CONFERENCE	CT-11	EXISTING
135	EXISTING CONFERENCE	CT-11	EXISTING

GENERAL NOTES

- SEE ENLARGED PLANS FOR FLOOR TILE PATTERNS.
- ALL EXTERIOR WINDOWS TO RECEIVE NEW WINDOW COVERINGS, SEE SPECIFICATIONS SECTION 12511
- H.M. = HOLLOW METAL
- S.S. = STAINLESS STEEL
- A.L. = ANODIZED ALUMINUM

CEILING TYPES

CT-1	NEW 2'x2' LAY-IN CEILING TILE IN NEW SUSPENDED GRID SYSTEM, SEE SPECIFICATION.
CT-2	PRIMED AND PAINTED NEW 5/8" TYPE "X" GYPSUM BOARD ATTACHED TO NEW 6" METAL STUD FRAMING @ 16"
CT-3	EXISTING GYPSUM BOARD CEILING TO BE PRIMED AND PAINTED
CT-4	EXISTING CEILING TILE TO BE PLACED IN NEW 1/2" LAY-IN GRID SYSTEM. NEW CEILING GRID TO BE TIED INTO EXISTING SUSPENDED CEILING GRID SYSTEM.
CT-5	ARMSTRONG OR EQUAL, METAL WORKS "EFFECTS" WOOD LOOKS 2'x2' CEILING SYSTEM WITH 1/2" EFFECTS BLACK VECTOR SUSPENSION SYSTEM. SEE DETAILS FOR EFFECTS EDGE TRIM PROFILE.
CT-6	ARMSTRONG OR EQUAL, WOOD WORKS, VECTOR "NATURAL VARIATIONS" WOOD 2'x2' CEILING SYSTEM WITH 1/2" VECTOR BLACK SUSPENSION SYSTEM.
CT-7	ARMSTRONG OR EQUAL, WOOD WORKS, CUSTOM CURVED CEILING CANOPIES.
CT-8	NEW 2'x2' LAY-IN CEILING TILE IN NEW SUSPENDED GRID SYSTEM, SEE SPECIFICATION.
CT-9	PRIMED AND PAINTED NEW 5/8" TYPE "X" GYPSUM BOARD ATTACHED TO NEW 3-3/8" METAL STUD FRAMING @ 16"
CT-10	PRIMED AND PAINTED NEW 5/8" TYPE "X" GYPSUM BOARD ATTACHED TO NEW 3-3/8" METAL STUD DROPPED SOFFIT FRAMING @ 16", SEE DETAIL.
CT-11	SEE ADD ALT. NO. 1. GENERAL CONTRACTOR SHALL REMOVE AS REQUIRED EXISTING LAY IN CEILING GRID SYSTEM, CEILING TILES, LIGHT FIXTURES, MECHANICAL DIFFUSERS, EXISTING CEILING SPEAKERS AND SMOKE DETECTORS TO INSTALL NEW ROOF TOP MECHANICAL EQUIPMENT AND DUCT WORK. GENERAL CONTRACTOR SHALL REPLACE WITH "NEW" 1/2" LAY-IN CEILING TEE SYSTEM TO MATCH EXISTING. GENERAL CONTRACTOR SHALL REINSTALL, CEILING TILES, LIGHT FIXTURES, CEILING SPEAKERS AND SMOKE DETECTORS IN SAME LOCATION. NEW DIFFUSERS AS PER MECHANICAL DRAWINGS

BASE TYPES

B1	4" STRIGHT EDGE RUBBER BASE, SEE SPECIFICATION
B2	4" COVED RUBBER BASE, SEE SPECIFICATION
B3	COVED CERAMIC TILE BASE, SEE SPECIFICATION
B4	WOOD BASE, SEE INTERIOR ELEVATIONS

FLOOR FINISHES

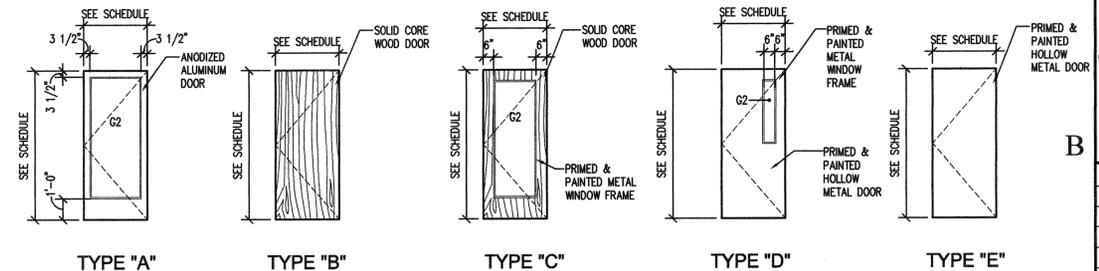
F1	CARPET, SEE SPECIFICATION
F2	THICK SET CERAMIC FLOOR TILE, SEE SPECIFICATION SECTION 09670
F3	NEW CERAMIC FLOOR TILE SET ON EXISTING CONCRETE FLOOR, SEE SPECIFICATION
F4	12" x 12" VCT, SEE SPECIFICATION

WALL FINISHES

W1	PRIMED & PAINTED GYPSUM BOARD, SEE SPECIFICATION
W2	CERAMIC TILE WAINSCOT TO 5'-0" A.F.F., SEE INTERIOR ELEVATIONS
W3	EXISTING BLOCK WALL TO REMAIN UNDISTURBED
W4	NEW WOOD WAINSCOT PANELING SYSTEM TO 4'-0" A.F.F., SEE INTERIOR ELEVATIONS
W5	REINFORCED FIBERGLASS PANELS FROM FLOOR TO CEILING, GLUE ATTACHED.

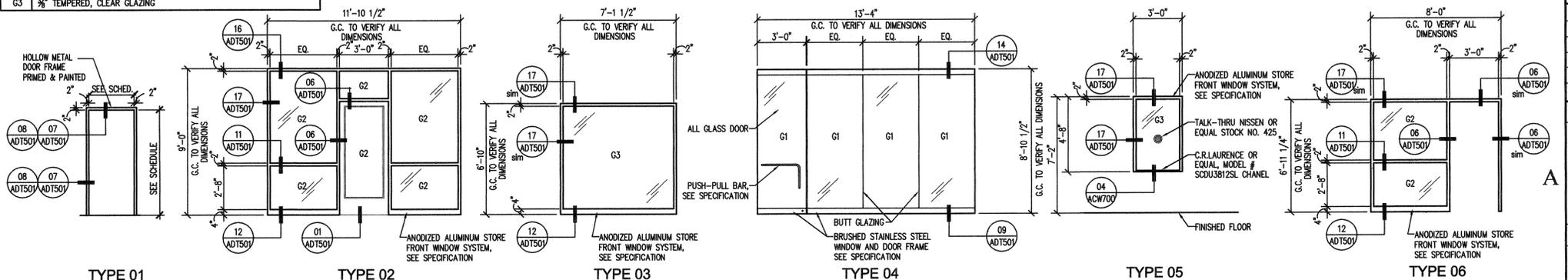
GLAZING TYPES

G1	3/4" TEMPERED, CLEAR GLAZING
G2	1/2" TEMPERED, CLEAR GLAZING
G3	3/8" TEMPERED, CLEAR GLAZING



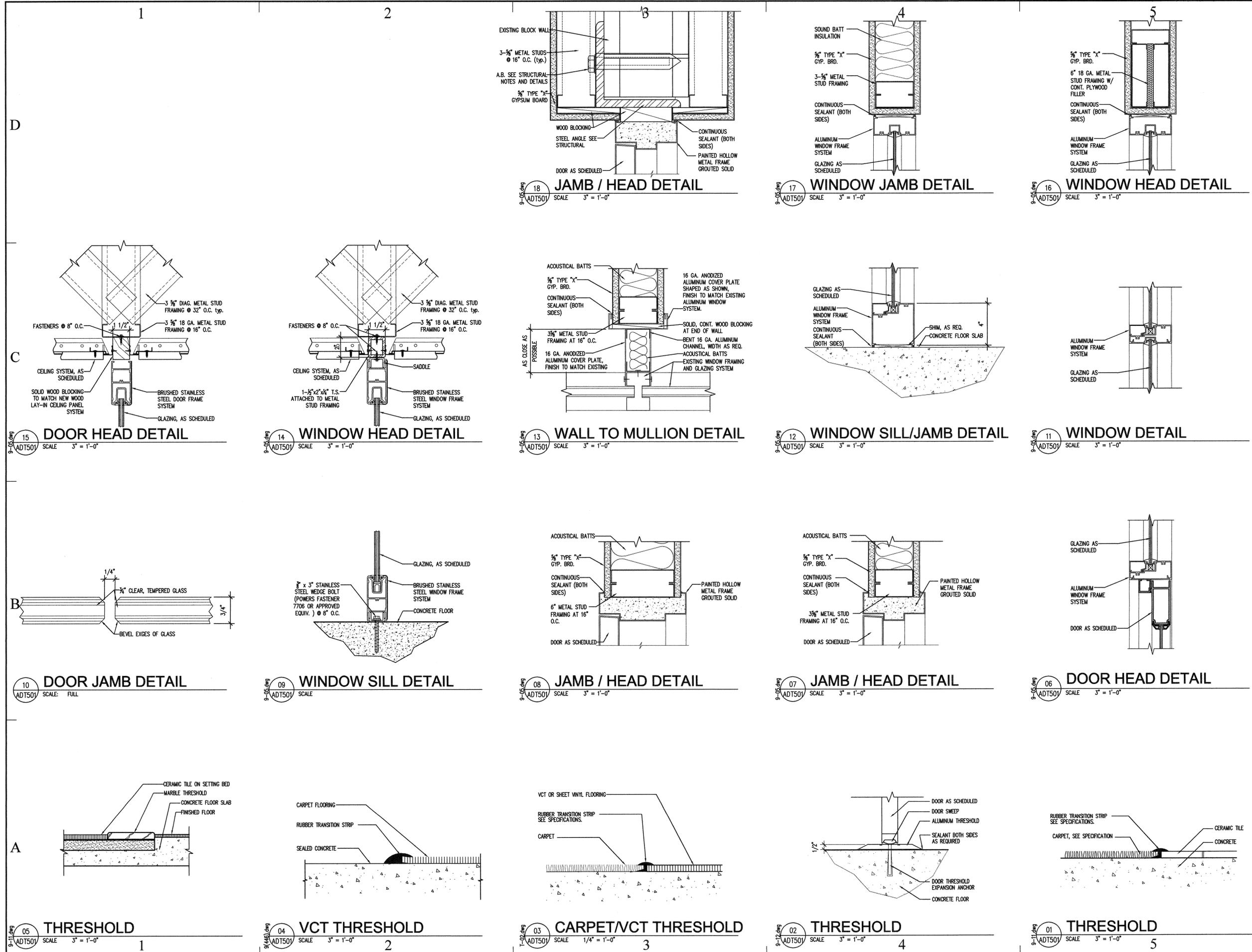
DOOR TYPES

SCALE 1/4" = 1'-0"



DOOR AND WINDOW FRAME TYPE

SCALE 1/4" = 1'-0"



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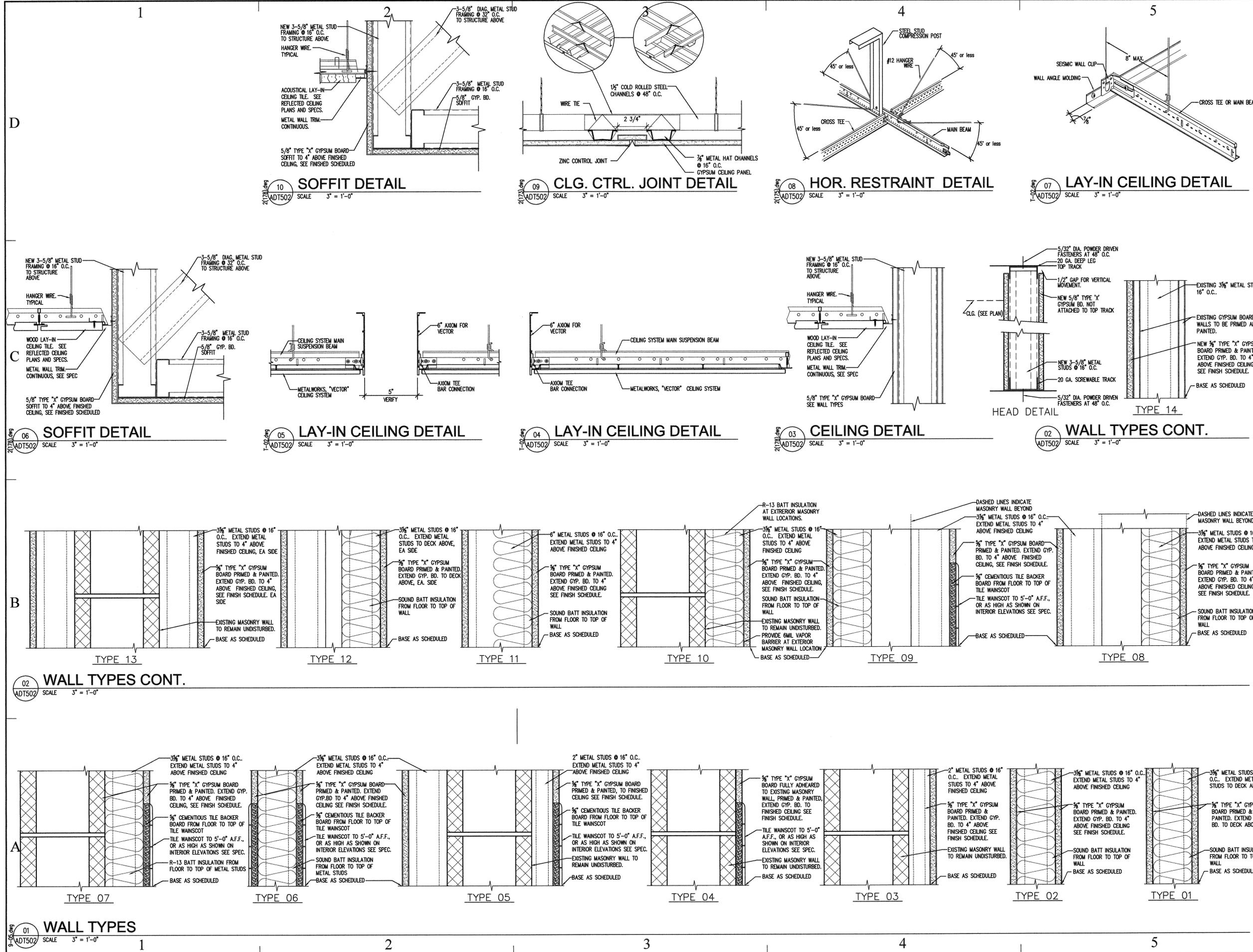
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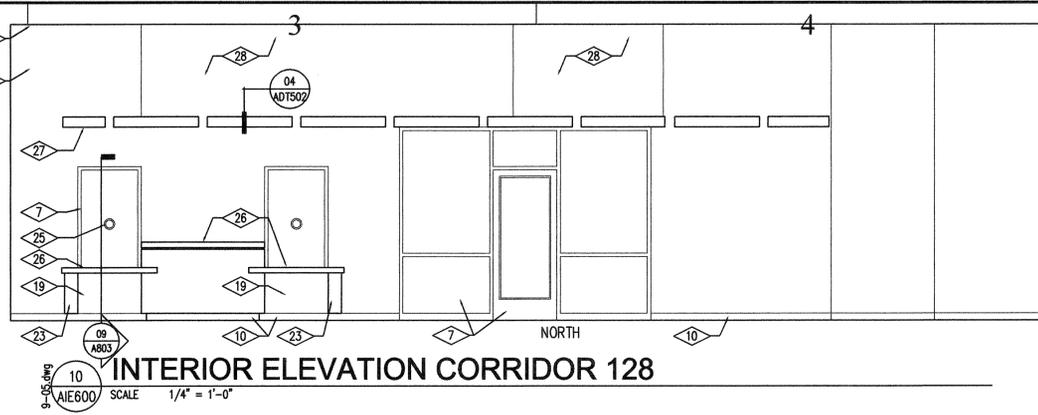
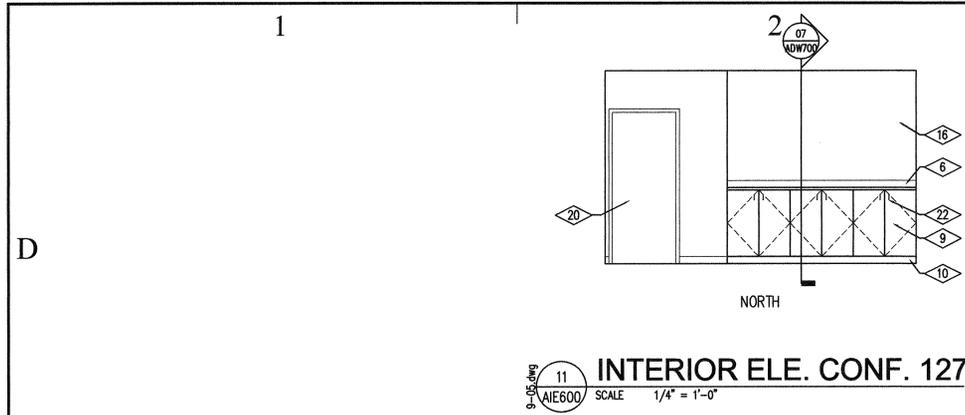
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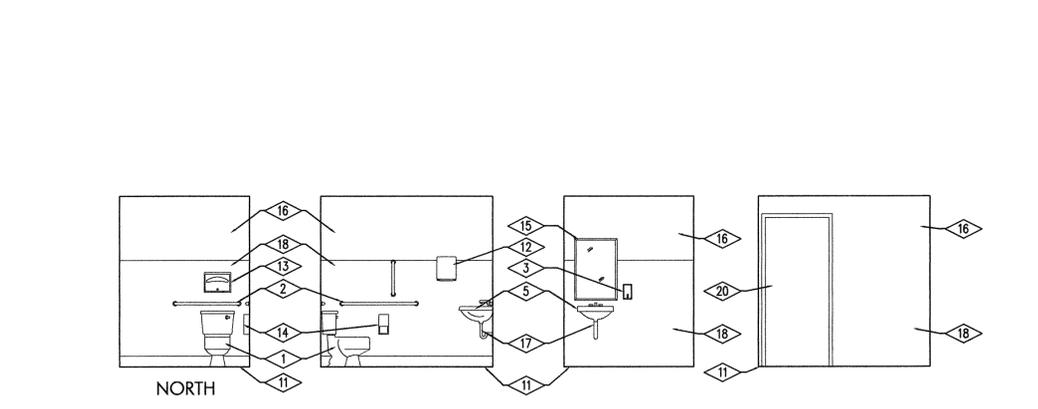
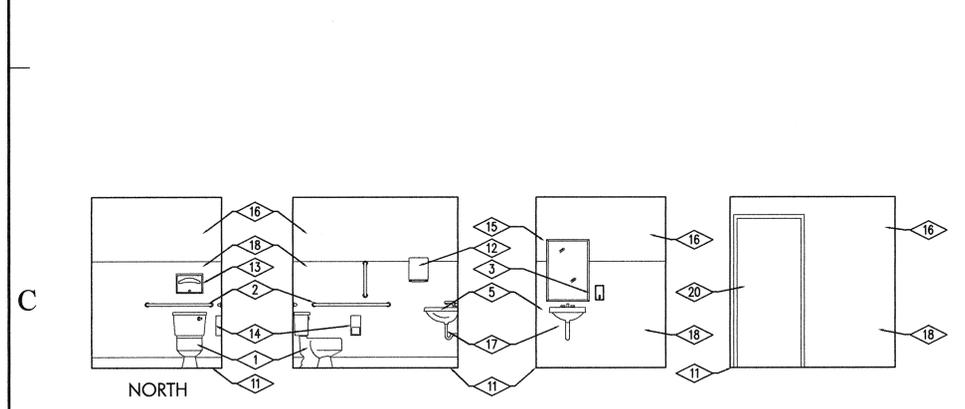
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DOOR AND WINDOW DETAILS		
SHEET NUMBER		
A-DT501		

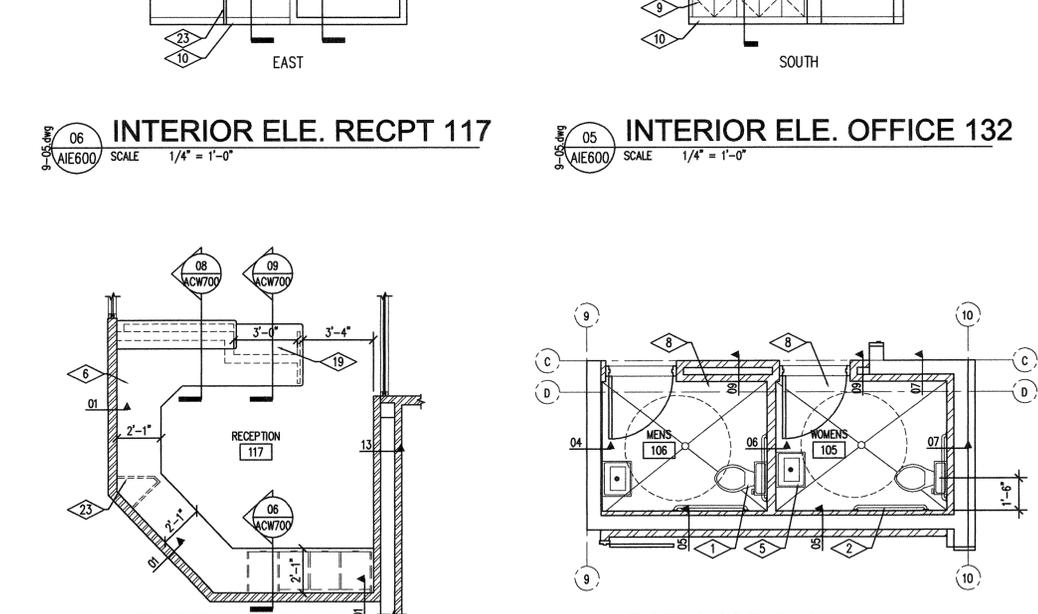
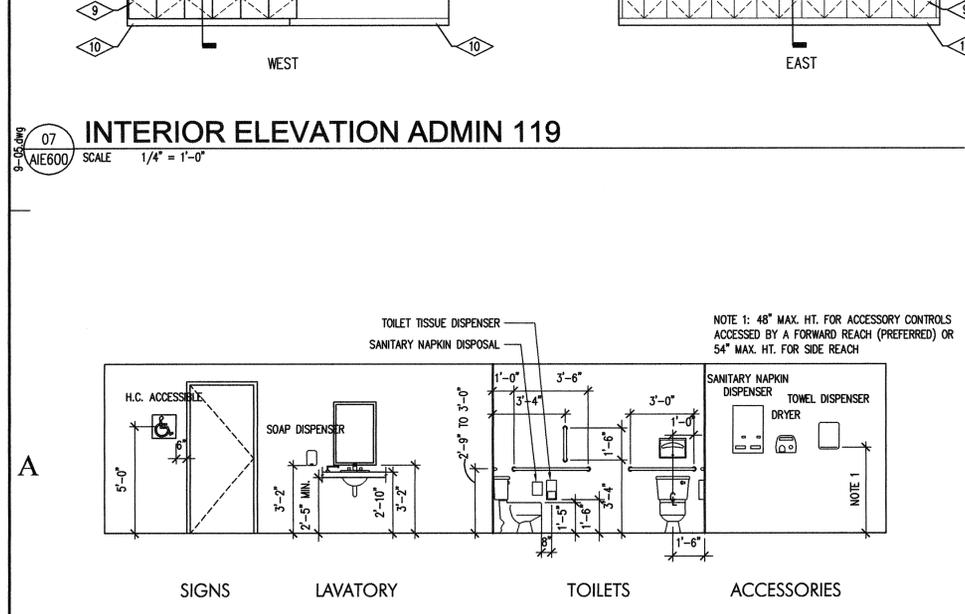
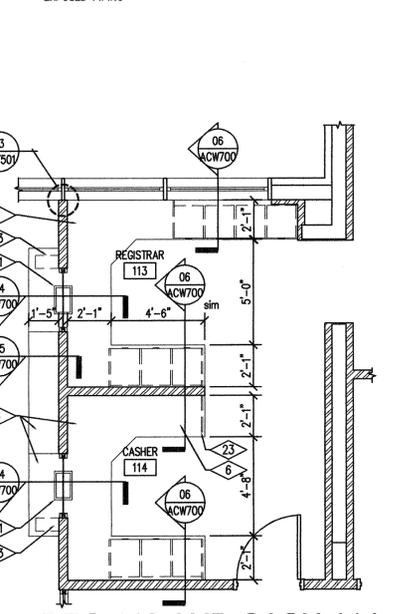
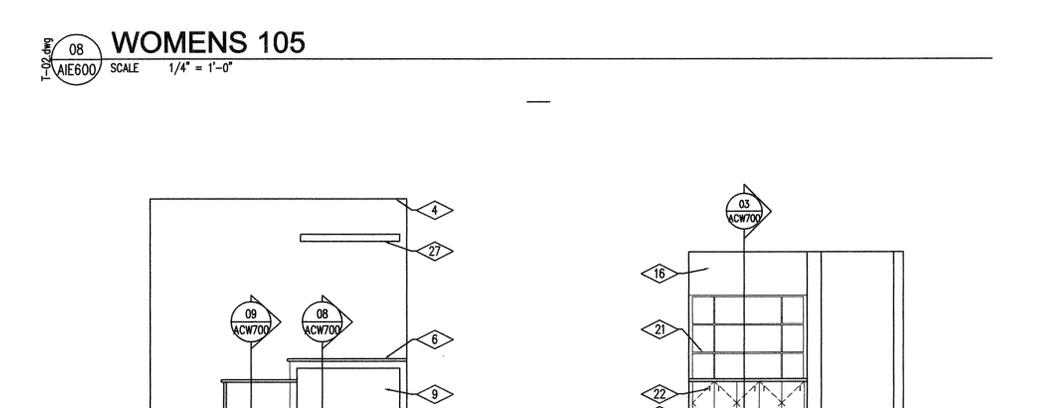
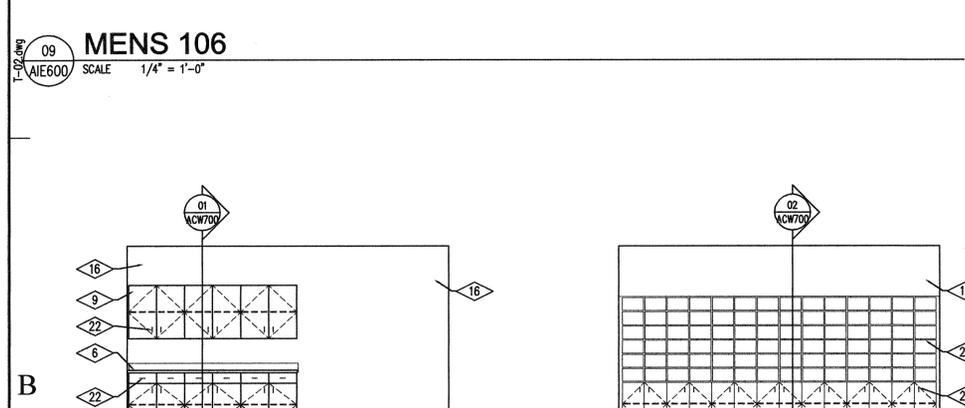




- REFERENCE NOTES**
- ACCESSIBLE WATER CLOSET, SEE PLUMBING DRAWINGS
 - WALL MOUNTED GRAB BAR, SEE SPECIFICATION
 - WALL MOUNTED SOAP DISPENSER, SEE SPECIFICATION
 - UPPER CEILING SYSTEM, SEE CEILING PLAN AND SECTIONS
 - LAVATORY, SEE PLUMBING DRAWINGS
 - PRE-FORMED PLASTIC LAMINATE COUNTERTOP W/ FULL 180° DEGREE BULL NOSE & PRE-FORMED BACKSPASH, SEE SECTION
 - STORE FRONT DOOR AND WINDOW SYSTEM, SEE SPECIFICATION
 - THICKSET CERAMIC FLOOR TILE OVER THICKSET BED, SEE FLOOR TILE PATTERN AND SPECIFICATION
 - PLASTIC LAMINATE CASE WORK, SEE INTERIOR ELEVATIONS, SECTIONS & SPECIFICATIONS
 - 4" STRIGHT EDGE RUBBER BASE, SEE SPECIFICATION 09653
 - COVED CERAMIC TILE BASE AT RESTROOM LOCATIONS
 - PAPER TOWEL DISPENSER, SEE SPECIFICATION
 - SANITATION SEAT COVERING DISPENSER, SEE SPECIFICATION 10801
 - TOILET PAPER DISPENSER, SEE SPECIFICATION
 - MIRROR, SEE SPECIFICATION 10801
 - PRIMED AND PAINTED GYPSUM BOARD WALL, SEE FINISH SCHEDULE
 - CONTRACTOR SHALL PROVIDE ADA PIPE PROTECTION AT ALL EXPOSED PIPING
 - CERAMIC TILE WAINSCOT, SEE SPECIFICATION
 - ADA ACCESSIBLE COUNTER, SEE CASEWORK SECTIONS ACW700
 - DOOR AND FRAME, SEE DOOR SCHEDULE
 - PLASTIC LAMINATE OVER 3/4" PLYWOOD SHELVES, SEE SECTION
 - CASEWORK DOOR PULLS, SEE SPECIFICATION
 - DASHED LINES INDICATE PLASTIC LAMINATE OVER 3/4" PLYWOOD COUNTERTOP SUPPORTS.
 - PLASTIC LAMINATE OVER 3/4" PLYWOOD FRAMING MAIL SLOT STORAGE BINS, SEE SECTION.
 - TALK-THRU, SEE WINDOW TYPES
 - PLASTIC LAMINATE COUNTERTOPS SEE CASEWORK SECTIONS.
 - LOWER CEILING SYSTEM, SEE SECTIONS
 - NEW 3 1/2" METAL STUD FRAMING @ 16" O.C. W/ PRIMED AND PAINTED 5/8" TYPE "X" GYPSUM BOARD AT EXPOSED FACE BULK HEAD. SEE REFLECTED CEILING PLAN.



- GENERAL NOTES**
- REFER TO FINISH SCHEDULE FOR ADDITIONAL FINISH NOTES
 - CONTRACTOR SHALL PROVIDE ADDITIONAL STUDS AS REQUIRED FOR PARTITION AND FIXTURE INSTALLATIONS
 - GENERAL CONTRACTOR SHALL PROVIDE ALL NECESSARY BACKING AND ADDITIONAL STUDS AS REQUIRED FOR INSTALLATION OF TOILET PARTITIONS, URINAL SCREENS, ALL PLUMBING FIXTURES, APPLIANCES, COUNTER TOPS ETC. GENERAL CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE ALL BACKING REQUIRED TOILET ROOM ACCESSORIES.
 - CONTRACTOR TO FIELD VERIFY LOCATION AND PLACEMENT OF ALL FIXTURES AND ACCESSORIES AND COORDINATE WITH A.D.A. REQUIREMENTS
 - PROVIDE PLYWOOD BEHIND ALL MIRROR SURFACES FLUSH WITH TILE. EXTEND TILE 2" INSIDE EDGE OF MIRROR TO CONCEAL EDGE, TYPICAL.
 - TILE AT WALLS TO INCLUDE 15% FACTOR FOR ACCENT COLOR. PATTERN FOR ACCENT BANDS TO BE PROVIDED DURING CONSTRUCTION PERIOD USING FULL AND HALF SIZE PIECES (HALF SIZES MAY INCLUDE DIAGONAL CUTS).
 - ALL CORNERS AND TERMINATORS AT TILE SHALL BE BULLNOSED
 - CONTRACTOR SHALL PROVIDE ADA PIPE PROTECTION AT ALL EXPOSED PIPING



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CONSULTANT: xyz engineering

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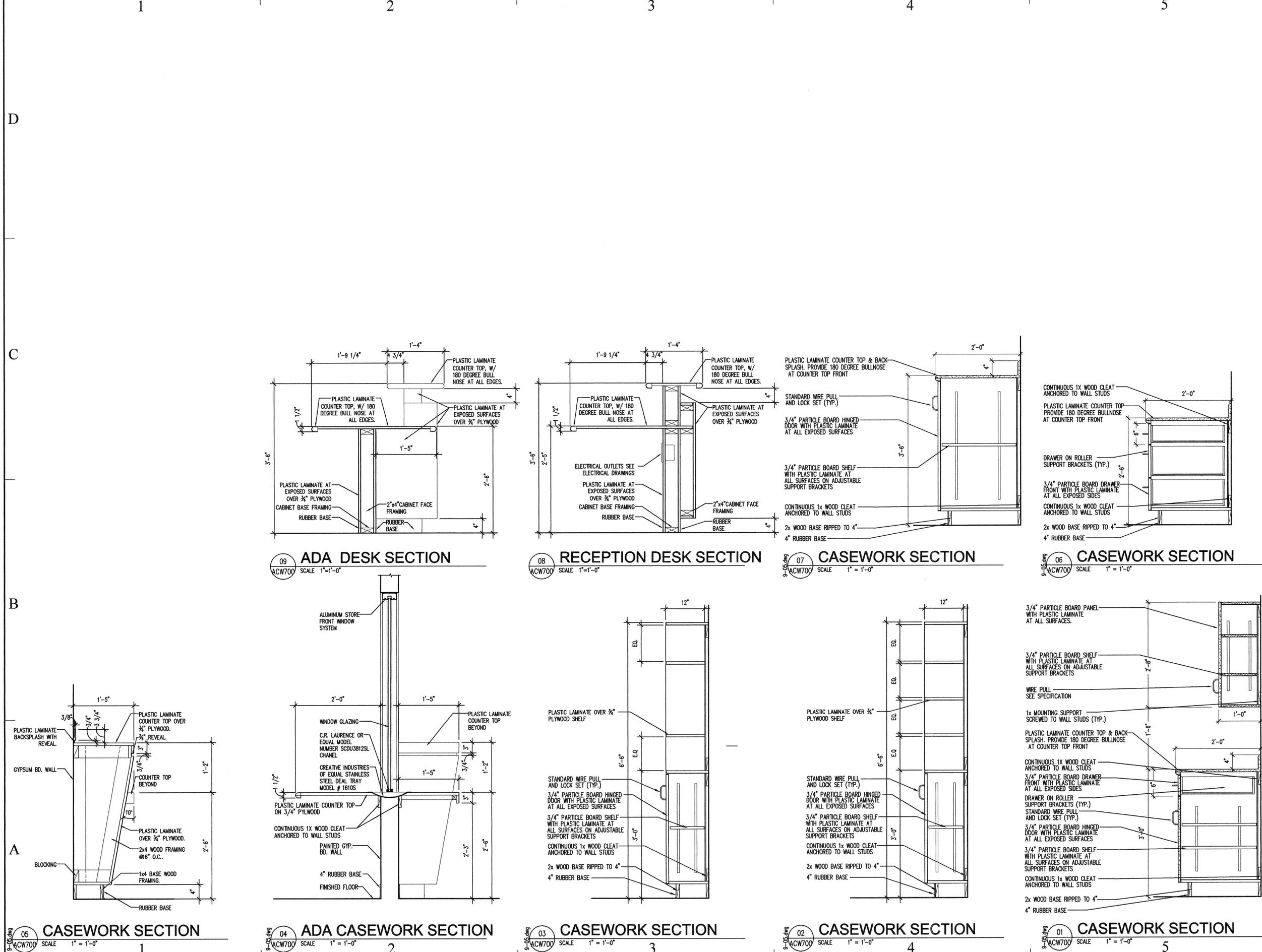
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CASEWORK SECTIONS

SHEET NUMBER

A-CW700



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C

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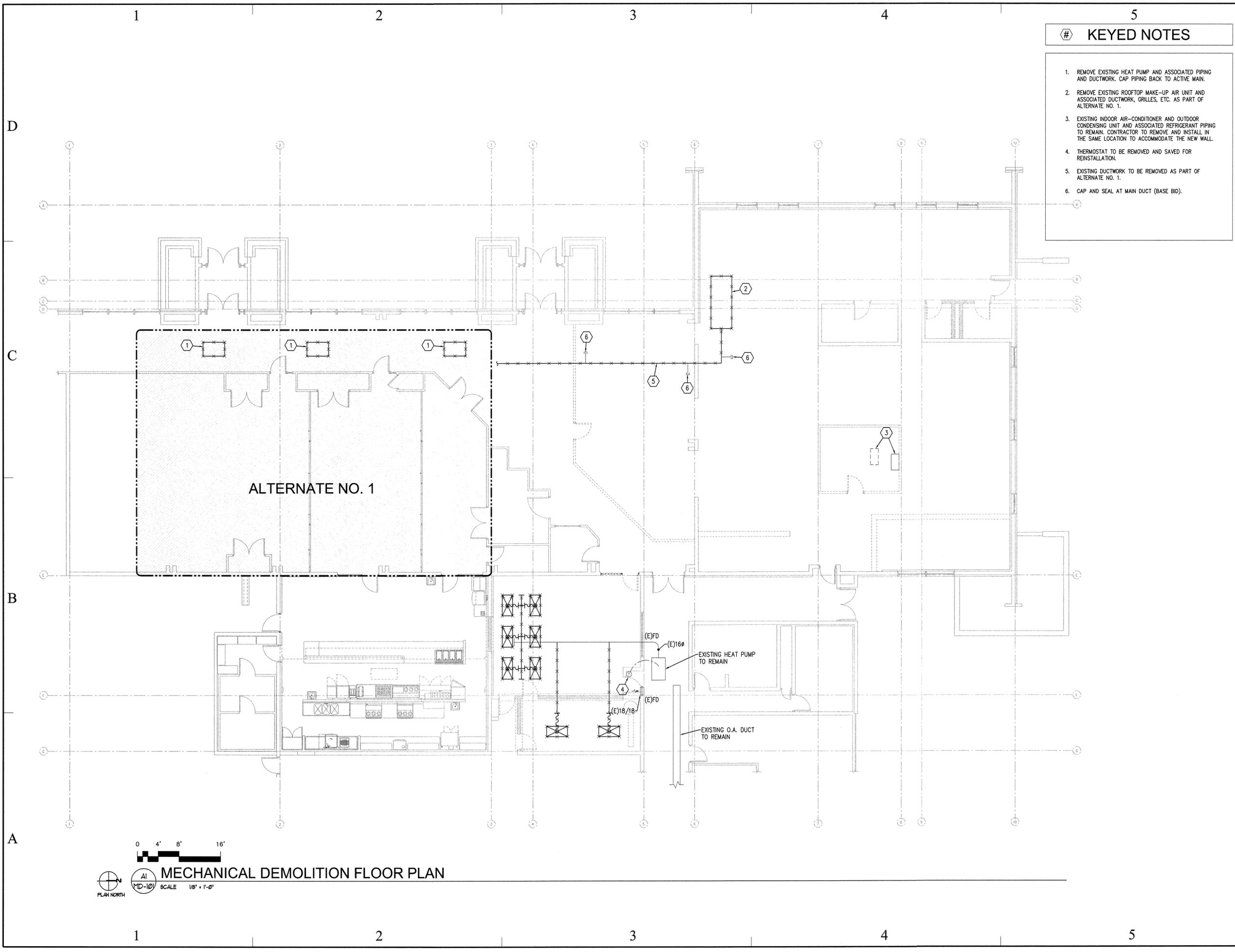
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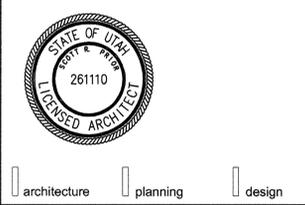
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- # KEYED NOTES
1. REMOVE EXISTING HEAT PUMP AND ASSOCIATED PIPING AND DUCTWORK. CAP PIPING BACK TO ACTIVE MAIN.
 2. REMOVE EXISTING ROOFTOP MAKE-UP AIR UNIT AND ASSOCIATED DUCTWORK, GRILLES, ETC. AS PART OF ALTERNATE NO. 1.
 3. EXISTING INDOOR AIR-CONDITIONER AND OUTDOOR CONDENSING UNIT AND ASSOCIATED REFRIGERANT PIPING TO REMAIN. CONTRACTOR TO REMOVE AND INSTALL IN THE SAME LOCATION TO ACCOMMODATE THE NEW WALL.
 4. THERMOSTAT TO BE REMOVED AND SAVED FOR REINSTALLATION.
 5. EXISTING DUCTWORK TO BE REMOVED AS PART OF ALTERNATE NO. 1.
 6. CAP AND SEAL AT MAIN DUCT (BASE BID).

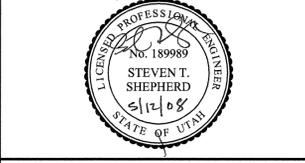


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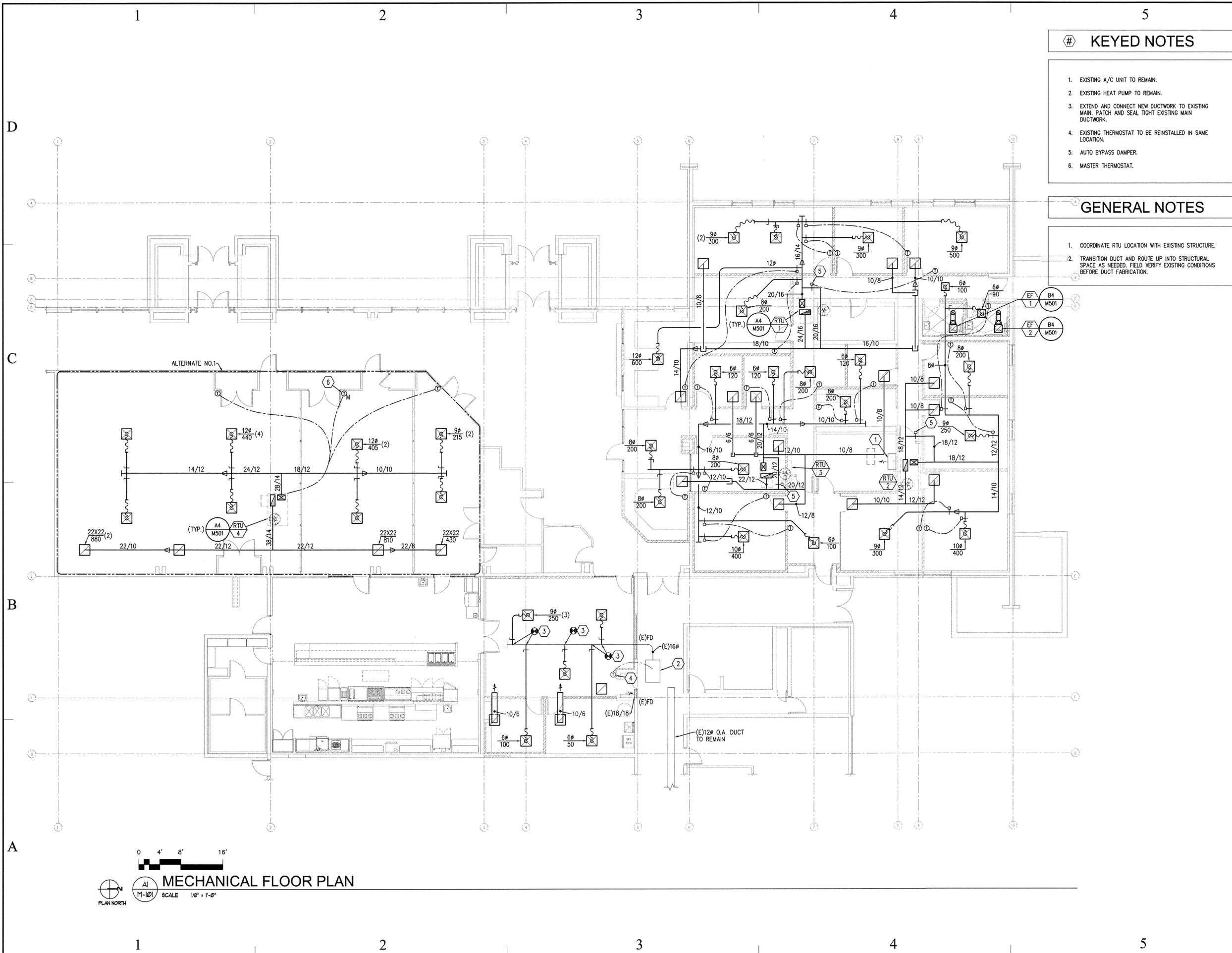
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SHEET TITLE
MECHANICAL DEMOLITION FLOOR PLAN

SHEET NUMBER
MD-101



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MECHANICAL FLOOR PLAN

SHEET NUMBER

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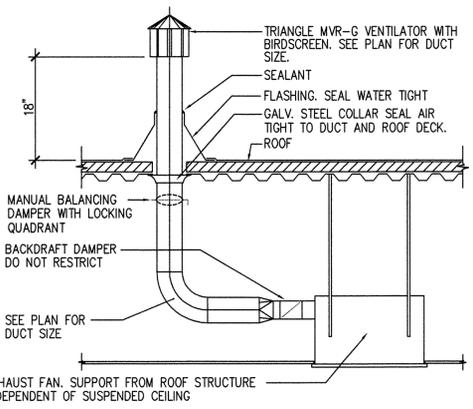
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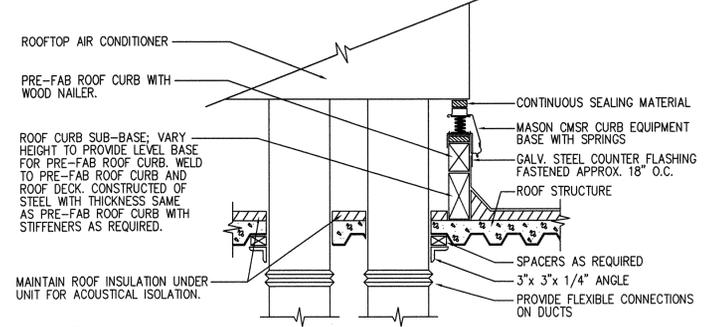
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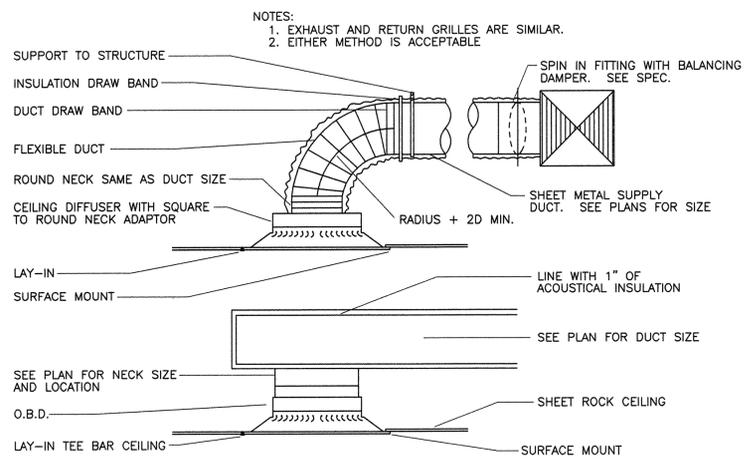


B4 INLINE EXHAUST FAN DETAIL
 M-501 NO SCALE

NOTE: ANCHOR ROOFTOP UNIT TO PRE-FAB ROOF CURB PER SEISMIC RESTRAINT REQUIREMENTS.



A4 ROOFTOP UNIT CURB DETAIL
 M-501 NO SCALE



A3 CEILING DIFFUSER DETAIL
 M-501 NO SCALE

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PACKAGED ROOFTOP UNIT SCHEDULE																					
ID	MANUFACTURER AND MODEL NUMBER	SUPPLY FAN		OUTSIDE AIR SETTING (CFM)	HEATING SECTION			COOLING SECTION					ELECTRICAL			PHYSICAL			NOTES		
		AIRFLOW RATE (CFM)	EXT STATIC PRESS (IN)		HEATING LOAD INPUT (BTU/H)	HEATING LOAD OUTPUT (BTU/H)	ENTERING/LEAVING AIR TEMP. (°F)	MEDIUM	TOTAL COOLING (BTU/H)	SENSIBLE COOLING (BTU/H)	ENTERING AIR TEMP. DB/WB (°F)	LEAVING AIR TEMP. DB/WB (°F)	AMB DB (°F)	MEDIUM	TOTAL MCA	SUPPLY FAN MOTOR (BHP)	SINGLE POINT VOLT/PH/Hz	LENGTH/WIDTH/HEIGHT (IN)		WEIGHT (LBS)	ARI SEER
RTU-1	CARRIER 48HJE 006	2200	0.8	160	(115.00/82.0)	70.79	60 / 99.5	NAT GAS	53.45	48.34	78 / 62	53.5 / 53.0	95	R-22	28.9	2.0	208/3/60	74 / 45 / 34	800	13	1, 2, 3
RTU-2	CARRIER 48HJE 004	1200	0.8	250	(72.00/50.0)	44.87	55 / 96.8	NAT GAS	33.48	25.38	78 / 62	54.4 / 51.5	95	R-22	18.5	1.0	208/3/60	74 / 45 / 34	700	13	1, 2, 3
RTU-3	CARRIER 48HJE 006	2000	0.8	360	(115.00/82.0)	70.79	55 / 94.5	NAT GAS	51.98	46.67	78 / 62	51.9 / 51.9	95	R-22	28.9	2.0	208/3/60	76 / 45 / 34	800	13	1, 2, 3
RTU-4	CARRIER 48HJD 008	3000	0.8	600	(125.00/90.0)	77.9	63 / 99.5	NAT GAS	76.69	67.69	78 / 62	52.7 / 52.5	95	R-22	38.2	3.0	208/3/60	88 / 58 / 42	1200	11	1, 2, 3

- 1. CAPACITIES BASED ON 5100 FEET ELEVATION. CAPACITIES IN PARENTHESIS () ARE RATED AT SEA LEVEL
- 2. TWO-STAGE HEATING
- 3. SPRING VIBRATION ISOLATION CURB

FAN SCHEDULE																
ID	MANUFACTURER AND MODEL NUMBER	LOCATION	TYPE	CONTROL METHOD	AIR		FAN				ELECTRICAL			PHYSICAL		NOTES
					MAXIMUM AIRFLOW RATE (CFM)	STATIC PRESSURE (IN. WATER)	OUTLET VELOCITY (FPM)	FAN SPEED (RPM)	FAN WHEEL DIAMETER (IN)	STATIC EFFICIENCY (%)	MOTOR SIZE (HP)	MOTOR BHP (WATTS)	MOTOR SPEED (RPM)	VOLT/PH/Hz	LENGTH/WIDTH/HEIGHT (IN)	
EF-1	COOK GC-162	MEN'S RR	NOTE 2	A	127	0.45	650	1200	16	29	1/6	76	1050	120/1/60	NA	1, 2
EF-2	COOK GC-164	WOMEN'S RR	NOTE 2	A	150	0.45	828	1300	16	27	1/6	104	1050	120/1/60	NA	1, 2

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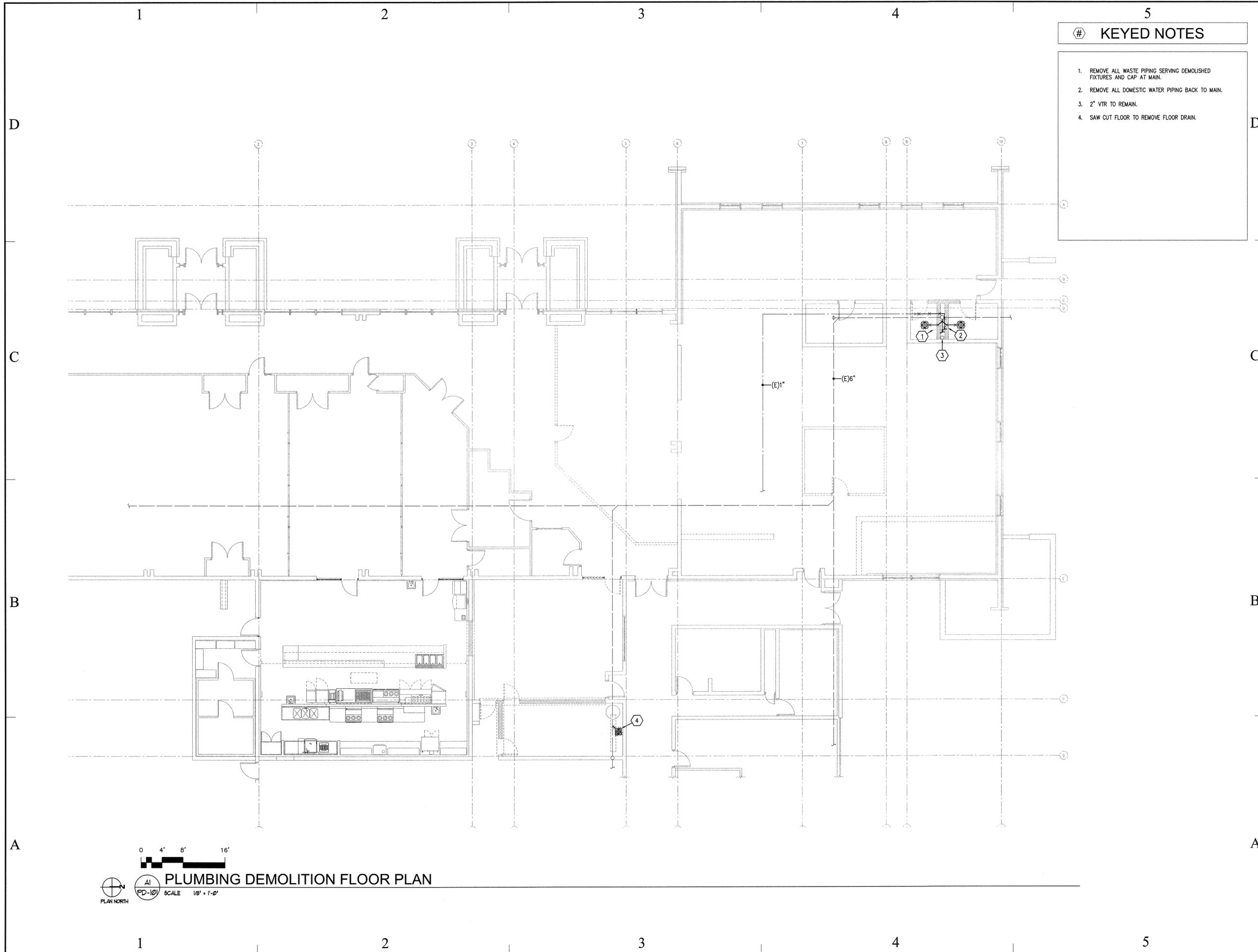
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- # KEYED NOTES
1. REMOVE ALL WASTE PIPING SERVING DEMOLISHED FIXTURES AND CAP AT MAIN.
 2. REMOVE ALL DOMESTIC WATER PIPING BACK TO MAIN.
 3. 2" VTR TO REMAIN.
 4. SAW CUT FLOOR TO REMOVE FLOOR DRAIN.

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 VBFA Project Number: 06326



PROJECT TITLE:
UTAH COLLEGE OF APPLIED TECHNOLOGY

CULINARY ARTS CLASSROOM AND ADMINISTRATION OFFICE REMODLE

1100 EAST LAGOON STREET ROOSEVELT, UTAH

MARK	DATE	DESCRIPTION
ISSUE TYPE: CONSTRUCTION DOCUMENTS		
ISSUE DATE: 12 MAY, 2008		
DFCM PROJECT NO: 08046250		
CAD PROJECT NO:		
CAD DWG FILE: 06326_pd101.dwg		
DRAWN BY: Ejuarez		
CHK'D BY: Sshepherd		
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MARK | DATE | DESCRIPTION

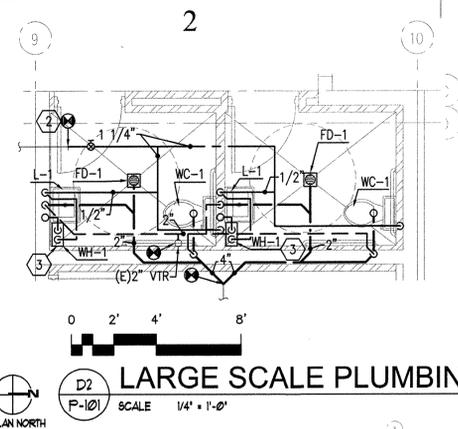
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SHEET TITLE
PLUMBING DEMOLITION FLOOR PLAN

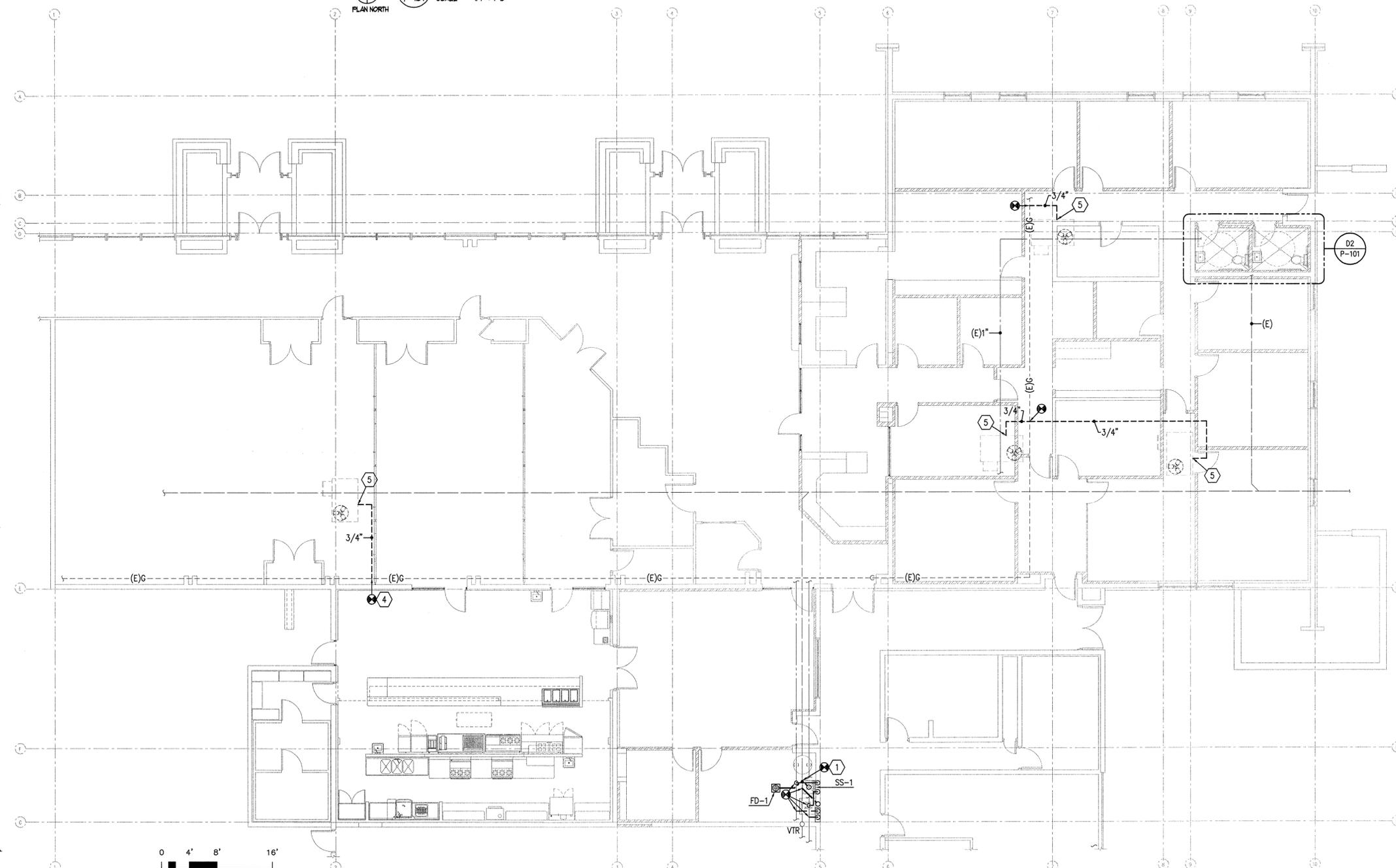
SHEET NUMBER

PD-101



LARGE SCALE PLUMBING PLAN
 D2 P-101 SCALE 1/4" = 1'-0"
 PLAN NORTH

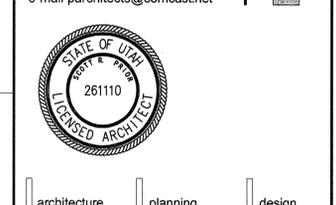
- KEYED NOTES**
1. SAW CUT FLOOR AND CONNECT TO EXISTING WASTE LINE. PATCH FLOOR TO MATCH EXISTING.
 2. MATCH EXISTING COLD WATER LINE SIZE.
 3. LOCATE INSTANTANEOUS WATER HEATER UNDER THE LAVATORY.
 4. NEW GAS CONNECTION TO EXISTING MAIN AS PER BID ALTERNATE #1.
 5. PROVIDE PRESSURE REGULATOR AND REDUCE GAS PRESSURE FROM 5 PSI TO 4 OZ. AT ROOF TOP UNIT.



PLUMBING FLOOR PLAN
 A1 P-101 SCALE 1/8" = 1'-0"
 PLAN NORTH

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CULINARY ARTS CLASSROOM AND ADMINISTRATION OFFICE REMODEL

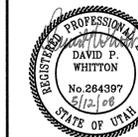
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PLUMBING FLOOR PLAN

SHEET NUMBER
P-101



ELECTRICAL SHEET INDEX

Table with 2 columns: SYMBOL SCHEDULE, SYMBOL SCHEDULE. Lists various electrical symbols and their corresponding drawing sheets.

ABBREVIATION SCHEDULE

Table with 4 columns: A, ISO, KVA, ISOLATED. Lists abbreviations for electrical components and their meanings.

GENERAL PROJECT NOTES:

- 1. DIVISION 16000 CONTRACTOR IS RESPONSIBLE FOR READING AND APPLYING WHAT IS IN THE SPECIFICATIONS TO THIS PROJECT. ANYTHING THAT IS NOT INCLUDED ON THE PROJECT THAT IS CALLED OUT IN THE SPECIFICATION SHALL BE LISTED ON THE SUBSTANTIAL COMPLETION PUNCHLIST. THE CONTRACTOR WILL BE REQUIRED TO REMEDY THESE DEFICIENCIES. THERE WILL BE NO EXCEPTIONS.
2. THE CONTRACTOR MAY SCHEDULE A PRE-CONSTRUCTION MEETING, AT THEIR DISCRETION WITH THE ELECTRICAL ENGINEER AND REVIEW THE DRAWINGS AND SPECIFICATIONS. THE MEETING SHALL BE A MAXIMUM OF ONE HOUR AND SHALL TAKE PLACE AT THE ENGINEER'S OFFICE.
3. THE FOLLOWING ITEMS ARE SOME OF THE REQUIREMENTS THAT ARE LISTED IN THE SPECIFICATIONS, THESE ITEMS DO NOT REPRESENT ALL ITEMS AND THE CONTRACTOR IS RESPONSIBLE FOR MEETING ALL REQUIREMENTS OF THE SPECIFICATIONS.
A. INSULATED THROAT CONNECTORS OR PLASTIC BUSHINGS SHALL BE UTILIZED FOR ALL CONDUIT SIZES USED ON THIS PROJECT.
B. A #10 AWG NEUTRAL CONDUCTOR WILL BE PROVIDED FOR ALL FLUORESCENT LIGHTING CIRCUITS.
C. THE CONTRACTOR IS RESPONSIBLE FOR UPSIZING CONDUCTORS FOR VOLTAGE DROP PER THE NEC REGARDLESS OF WHETHER IT IS SHOWN ON THE PLANS OR NOT.
D. THE CONTRACTOR SHALL LABEL ALL ELECTRICAL EQUIPMENT AS IT IS CALLED OUT IN THE SPECIFICATIONS.
E. THE CONTRACTOR SHALL PROVIDE SEISMIC SUPPORT AND BRACING FOR ALL ELECTRICAL EQUIPMENT AS REQUIRED BY LOCAL AND NATIONAL CODE.
4. THE CONTRACTOR SHALL FOLLOW THE PANELBOARD SCHEDULES AS INDICATED IN THE DRAWINGS. EACH CIRCUIT BREAKER HAS BEEN ASSIGNED A SPECIFIC AREA OF THE BUILDING. NO DEVIATION WILL BE ALLOWED WITHOUT THE APPROVAL FROM THE ELECTRICAL ENGINEER.
5. THE CONTRACTOR SHALL INSTALL PROPER WIRE SIZE AS CALLED OUT ON THE PANELBOARD SCHEDULES. HOWEVER, THE CONTRACTOR IS RESPONSIBLE TO ENSURE THE WIRE IS LARGE ENOUGH FOR VOLTAGE DROP.
6. THE CONTRACTOR SHALL VERIFY ALL MECHANICAL OVERCURRENT DEVICES FOR THE ACTUAL MECHANICAL EQUIPMENT SUPPLIED ON THE JOB, PRIOR TO RELEASE OF ANY ELECTRICAL DISTRIBUTION EQUIPMENT. CONTACT THE ELECTRICAL ENGINEER WITH ANY DISCREPANCIES.
7. THE CONTRACTOR SHALL VISIT THE SITE BEFORE SUBMITTING THE BID, AND SHALL EXAMINE ALL PHYSICAL CONDITIONS WHICH MAY BE MATERIAL TO THE PERFORMANCE OF HIS WORK. NO EXTRA PAYMENTS WILL BE ALLOWED TO THE CONTRACTOR AS A RESULT OF EXTRA WORK MADE NECESSARY BY HIS FAILURE TO DO SO. ANY CASE OF DISCREPANCY OR LACK OF CLARITY SHALL BE PROMPTLY IDENTIFIED TO THE OWNER'S REPRESENTATIVE AND THE ENGINEER FOR CLARIFICATION.
8. THE CONTRACTOR SHALL MAKE SURE THAT ALL BRANCH CIRCUITS THAT ARE AFFECTED BY THIS PROJECT ARE NOT OVERLOADED. PROVIDE ADDITIONAL BRANCH CIRCUITS FROM ELECTRICAL PANELS AS NECESSARY TO COMPLY WITH THE BRANCH CIRCUIT LOADING REQUIREMENTS. PROVIDE ALL MATERIAL AND LABOR AS NECESSARY FOR A COMPLETE AND OPERATING SYSTEM.
9. PROVIDE UPDATED, TYPED PANELBOARD SCHEDULE(S) TO REFLECT ALL THE CHANGES MADE INCLUDING EXISTING LOADS. THE EXISTING LOADS SHALL BE NAMED THE SAME AS LISTED ON THE EXISTING PANELBOARD SCHEDULE.

ELECTRICAL SYMBOL SCHEDULE GENERAL NOTES

- 1. MOUNT ALL OUTLETS, DEVICES, AND EQUIPMENT AT HEIGHTS INDICATED BELOW, UNLESS NOTED OTHERWISE ON THE DRAWINGS. UNLESS NOTED OTHERWISE, HEIGHTS ARE GIVEN FROM FINISHED FLOOR TO CENTER OF OUTLET BOX.
2. WHERE OUTLETS, DEVICES, AND EQUIPMENT ARE NOTED BY SUBSCRIPTS, REFER TO ABBREVIATION SCHEDULE FOR DEFINED REQUIREMENTS.
3. WHERE OUTLETS, DEVICES AND EQUIPMENT ARE NOTED BY THE SUBSCRIPT 'A', MOUNT AT 4" ABOVE COUNTER. IF COUNTER HAS A BACK SPLASH, MOUNT AT 4" ABOVE BACK SPLASH. REFER TO ARCHITECTURAL INTERIOR ELEVATIONS AND COORDINATE WITH CASEWORK SUPPLIER.
4. NOT ALL ELECTRICAL SYMBOLS MAY BE USED.

GENERAL SYMBOLS

Table with 3 columns: SYMBOL, DESCRIPTION, REMARKS. Lists general symbols like keyed notes, detail references, elevation references, section references, architectural room numbers, equipment names, revision numbers, and breaklines.

BRANCH CIRCUITING SYMBOLS

Table with 3 columns: SYMBOL, DESCRIPTION, REMARKS. Lists symbols for branch circuiting, including 1, 2, and 3 wire circuits, multiple wire branch circuiting, and junction boxes.

ELECTRONIC SYSTEM GENERAL SYMBOLS

Table with 4 columns: SYMBOL, DESCRIPTION, MOUNTING, REMARKS. Lists symbols for electronic system panelboards and terminal boards.

TELEPHONE / DATA SYMBOLS

Table with 4 columns: SYMBOL, DESCRIPTION, MOUNTING, REMARKS. Lists symbols for telephone and data outlets and terminal boards.

LIGHTING SYMBOLS

- 1. LIGHT FIXTURE SYMBOLS ARE GENERAL IN NATURE AND MAY BE SHOWN ON THE DRAWINGS IN VARIOUS SIZES AND SHAPES. REFER TO THE LIGHT FIXTURE SCHEDULE FOR SPECIFICATION INFORMATION.
2. ARROWS INDICATE AIMING DIRECTION.

Table with 4 columns: SYMBOL, DESCRIPTION, MOUNTING, REMARKS. Lists various lighting symbols including arm-mounted single and double head light fixtures, wall-mounted fixtures, bollards, flood lights, recessed wall fixtures, fluorescent light fixtures, parabolic-louvered light fixtures, recessed indirect fluorescent light fixtures, wall-mounted linear fluorescent light fixtures, fluorescent linear wall washers, recessed down lights, recessed wall-washer or directional downlights, surface or pendant-mounted light fixtures, wall-mounted light fixtures, track or mono-point light fixtures, wall sconces, fluorescent egress light fixtures, fluorescent emergency (non-egress) light fixtures, ceiling mounted exit signs, wall-mounted exit signs, wall-mounted exit signs with emergency light fixtures, time clocks, emergency light fixtures, electric photocells, and light fixture callouts.

SIGNAL BELL SYMBOLS

Table with 4 columns: SYMBOL, DESCRIPTION, MOUNTING, REMARKS. Lists symbols for bell/chime, buzzer, and signal bell push button.

TELEVISION SYSTEM SYMBOLS

Table with 4 columns: SYMBOL, DESCRIPTION, MOUNTING, REMARKS. Lists symbols for television outlet and antenna.

ACCESS CONTROL SYMBOLS

Table with 4 columns: SYMBOL, DESCRIPTION, MOUNTING, REMARKS. Lists symbols for request-to-exit motion detector, electromagnetic door strike, magnetic door contact switch, magnetic lock, keypad, proximity card reader / keypad, magnetic strip card reader / keypad, proximity card reader, and magnetic strip card reader.

FLOOR BOX & POKE THRU SYMBOLS			
SYMBOL	DESCRIPTION	MOUNTING	REMARKS
	SINGLE-GANG FLOOR BOX WITH DEVICE	FLOOR	DEVICES SHOWN ARE EXAMPLES OF WHAT MAY BE SHOWN ON DRAWINGS. REFER TO WIRING DEVICE SCHEDULE FOR SYMBOL DESCRIPTIONS
	DOUBLE-GANG FLOOR BOX WITH DEVICES	FLOOR	
	TRIPLE-GANG FLOOR BOX WITH DEVICES	FLOOR	
	MULTI-SERVICE FLOOR BOX WITH DEVICES	FLOOR	
	FLUSH MULTI-SERVICE POKE-THRU WITH DUPLEX RECEPTACLE & COMMUNICATIONS PORTS	FLOOR	PROVIDE ELECTRICAL CONNECTIONS TO SYSTEMS FURNITURE. COORDINATE PLACEMENT OF OUTLETS WITH SYSTEM FURNITURE INSTALLER PRIOR TO ROUGH-IN.
	MULTI-SERVICE POKE-THRU WITH FURNITURE FEED CONNECTIONS. (POWER & COMMUNICATIONS)	FLOOR	
	POKE-THRU WITH FURNITURE FEED CONNECTIONS. (POWER ONLY)	FLOOR	
	POKE-THRU WITH FURNITURE FEED CONNECTIONS. (COMMUNICATIONS ONLY)	FLOOR	
	OUTLET BOX WITH FURNITURE FEED CONNECTIONS. (POWER ONLY)	+18"	
	OUTLET BOX WITH FURNITURE FEED CONNECTIONS. (COMMUNICATIONS ONLY)	+18"	
	UNDERFLOOR DISTRIBUTION BOX WITH FURNITURE FEED CONNECTIONS. (POWER ONLY)	BELOW RAISED FLOOR	
	UNDERFLOOR DISTRIBUTION BOX WITH FURNITURE FEED CONNECTIONS. (COMMUNICATIONS ONLY)	BELOW RAISED FLOOR	
	MULTI-SERVICE FLOOR BOX WITH FURNITURE FEED CONNECTIONS	FLOOR	
	POWER POLE WITH FURNITURE FEED CONNECTIONS	FLOOR/CEILING	

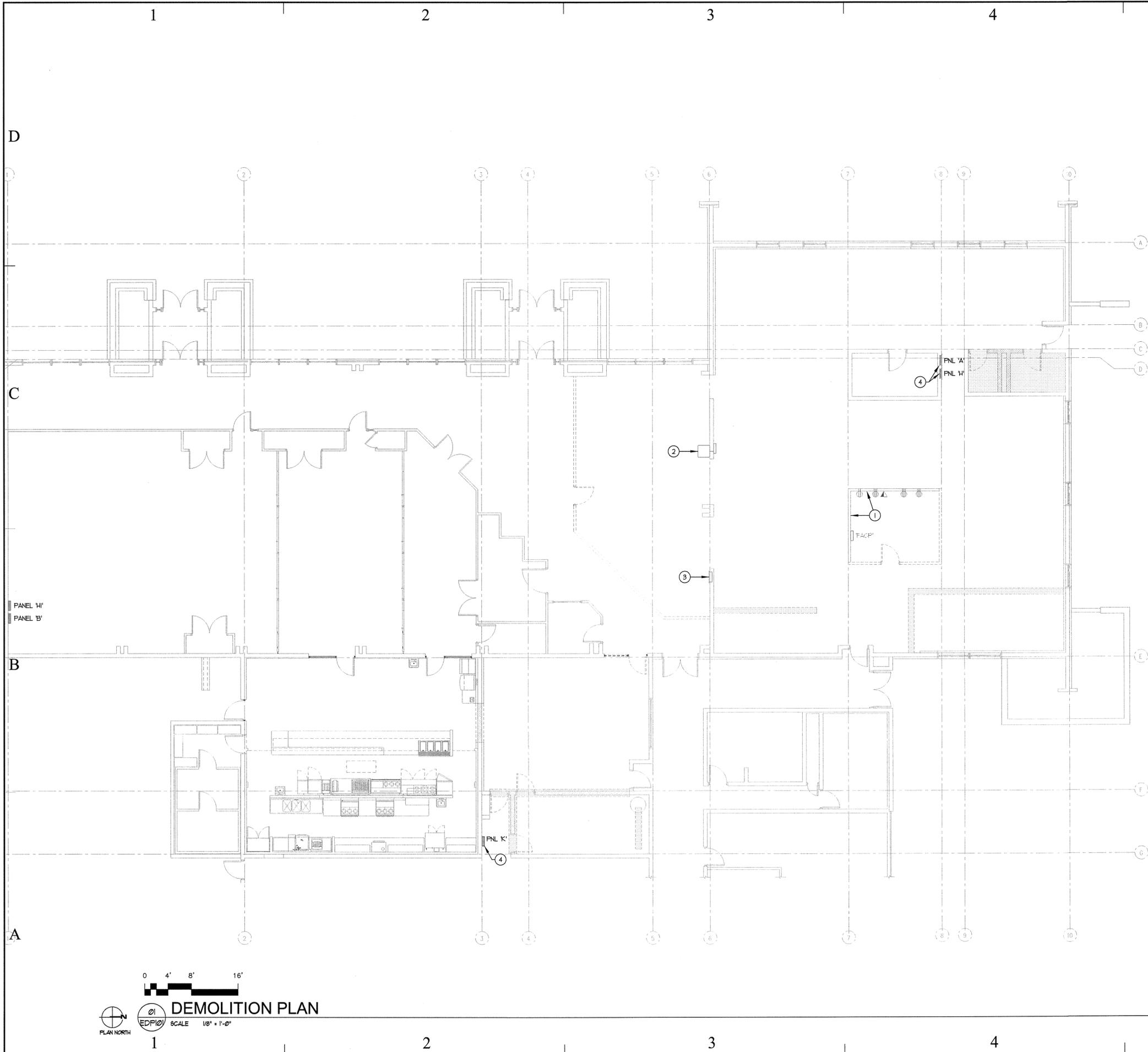
FIRE ALARM SYMBOLS			
SYMBOL	DESCRIPTION	MOUNTING	REMARKS
	BEAM DETECTOR - TRANSMITTER	4" BELOW CEILING TO TOP OF DETECTOR	SUBSCRIPT 'W' INDICATES THAT A WEATHER PROOF BACK BOX IS REQ. SUBSCRIPT 'C' INDICATES CEILING MOUNTING. NUMERIC SUBSCRIPT INDICATES CANDELLA RATING OF STROBE (I.E. - 5, 75, 110)
	BEAM DETECTOR - RECEIVER	4" BELOW CEILING TO TOP OF DETECTOR	
	END OF LINE DEVICE	PER MANUFACTURER RECOMMENDATIONS	
	TAMPER SWITCH	AT VALVE	
	WATER FLOW INDICATOR	ON FIRE RISER	
	FIRE/SMOKE DAMPER	TOP AT 12"	
	HEAT DETECTOR	CEILING	
	SMOKE DETECTOR	CEILING	
	DUCT SMOKE DETECTOR	SIDE OF DUCT	
	FIRE ALARM MANUAL STATION	+48"	
	CONTROL MODULE	AT DEVICE(S) TO BE CONTROLLED	
	MONITOR MODULE	AT DEVICE(S) TO MONITOR	
	FAN SHUTDOWN RELAY	AT FAN CONTROL PANEL	
	MAGNETIC DOOR HOLDER	COORDINATE WITH DOOR INSTALLER	COORDINATE WITH DOOR INSTALLER; SUBSCRIPT 'F' INDICATES TO MOUNT AT FLOOR LEVEL
	WATER FLOOD INDICATOR	FLOOR	
	AUDIO HORN	MOUNT AT LESSOR OF EITHER 80" AFF OR 6" BELOW CEILING.	
	MINI AUDIO HORN		
	FIRE ALARM VISUAL STROBE		
	FIRE ALARM AUDIO/VISUAL HORN/STROBE		
	MINI AUDIO/VISUAL HORN/STROBE		
	FIRE ALARM AUDIO SPEAKER		
	FIRE ALARM AUDIO/VISUAL SPEAKER/STROBE		
	FIRE PROTECTION SPRINKLER RISER BELL	+90"	FURNISHED BY FIRE PROTECTION CONTRACTOR AND INSTALLED AND CONNECTED BY DIV. 16.000

CLOCK SYMBOLS			
SYMBOL	DESCRIPTION	MOUNTING	REMARKS
	CLOCK	CEILING	IF SHOWN, SUBSCRIPT INDICATES TYPE.
	WALL-MOUNTED CLOCK	+90"	
	COMBINATION CLOCK/SPEAKER	+90"	
	MASTER CLOCK	+60"	

SOUND SYSTEM SYMBOLS			
SYMBOL	DESCRIPTION	MOUNTING	REMARKS
	RECESSED SPEAKER	CEILING	IF SHOWN, SUBSCRIPT INDICATES TYPE.
	SURFACE-MOUNTED SPEAKER	CEILING	
	WALL-MOUNTED SPEAKER	+90"	
	SENSING MICROPHONE	CEILING	
	VOLUME CONTROL SWITCH	+48"	
	SOUND SYSTEM EQUIPMENT CABINET	+12" TO TOP OF CABINET	
	MICROPHONE OUTLET	+18"	SUBSCRIPT 'F' INDICATES TO MOUNT OUTLET IN FLOOR BOX
	SOUND SYSTEM CABINET (WALL MOUNT)	TOP AT 12"	

WIRING DEVICE SYMBOLS			
SYMBOL	DESCRIPTION	MOUNTING	REMARKS
	SINGLE-POLE TOGGLE SWITCH	+48"	
	SINGLE-POLE TOGGLE SWITCH	+48"	SUBSCRIPT KEYS SWITCH TO FIXTURES CONTROLLED.
	DOUBLE-POLE TOGGLE SWITCH	+48"	
	THREE-WAY TOGGLE SWITCH	+48"	
	FOUR-WAY TOGGLE SWITCH	+48"	
	KEY-OPERATED SINGLE-POLE TOGGLE SWITCH	+48"	
	SINGLE-POLE TOGGLE SWITCH WITH PILOT LIGHT	+48"	
	DIMMER SWITCH	+48"	RATE DIMMER SWITCH FOR MAXIMUM POSSIBLE WATTAGE
	TIMER SWITCH	+48"	
	(2) SINGLE-POLE TOGGLE SWITCH	+48"	DUAL LEVEL SWITCH OUTBOARD LAMPS SEPARATELY FROM INBOARD LAMPS.
	LOW VOLTAGE MOMENTARY CONTACT SWITCH	+48"	
	3-POSITION MOMENTARY CONTACT SWITCH	+48"	REFER TO DETAIL UP-ON, CENTER-NEUTRAL, DOWN-OFF
	3-POSITION MAINTAINED CONTACT SWITCH	+48"	UP-ON, CENTER-OFF, DOWN-ON
	OCCUPANCY SENSOR	AS NOTED	CEILING MOUNTED WITH SUBSCRIPT 'C'; WALL-MOUNTED WITH SUBSCRIPT 'W'
	SPLIT-WIRED DUPLEX RECEPTACLE	+18"	
	SIMPLEX RECEPTACLE	+18"	
	DUPLEX RECEPTACLE	+18"	
	FOURPLEX RECEPTACLE	+18"	
	125/250V RECEPTACLE	+18"	RANGE -- NEMA 14-50R DRYER -- NEMA 14-30R
	GROUND FAULT CIRCUIT INTERRUPTER DUPLEX RECEPTACLE	+18"	
	GROUND FAULT CIRCUIT INTERRUPTER FOURPLEX RECEPTACLE	+18"	
	EMERGENCY DUPLEX RECEPTACLE	+18"	
	EMERGENCY FOURPLEX RECEPTACLE	+18"	
	MULTI-OUTLET ASSEMBLY	4" ABOVE BACKPLASH	
	POKER / TELEPHONE POLE	FLOOR/CEILING	
	CORD DROP WITH DUPLEX RECEPTACLE	+18"	REFER TO DETAIL
	SPECIAL PURPOSE OUTLET	+18"	SUBSCRIPT IN PARENTHESIS INDICATES NEMA CONFIGURATION IF SHOWN. REFER TO DRAWINGS AND/OR EQUIPMENT SCHEDULES. CONFIRM EXACT CONFIGURATION WITH OWNER PRIOR TO INSTALLATION.

GEAR AND CONTROL SYMBOLS			
SYMBOL	DESCRIPTION	MOUNTING	REMARKS
	MANUAL STARTER WITH THERMAL OVERLOAD(S)	AT EQUIPMENT	
	ELECTRIC MOTOR		
	NON-FUSED DISCONNECT SWITCH	+60"	
	FUSED DISCONNECT SWITCH	+60"	
	CIRCUIT BREAKER AND ENCLOSURE	+60"	
	MAGNETIC STARTER	+60"	
	COMBINATION MAGNETIC STARTER / NON-FUSED DISCONNECT	+60"	
	COMBINATION MAGNETIC STARTER / FUSED DISCONNECT	+60"	
	COMB. MAGNETIC STARTER / MOTOR CIRCUIT PROTECTOR (MCP)	+60"	
	COMB. VARIABLE FREQUENCY DRIVE / MOTOR CIRCUIT PROTECTOR (MCP)	FLOOR OR WALL AS SPECIFIED	TOP AT +12" IF WALL MOUNTED
	REDUCED VOLTAGE STARTER	FLOOR OR WALL AS SPECIFIED	TOP AT +12" IF WALL MOUNTED
	LOAD CENTER (SURFACE-MOUNTED)	TOP AT +12"	14" X 3"D
	LOAD CENTER (FLUSH-MOUNTED)	TOP AT +12"	14" X 3"D
	LIGHTING AND APPLIANCE PANELBOARD (SURFACE-MOUNTED)	TOP AT +12"	20" X 6"D
	LIGHTING AND APPLIANCE PANELBOARD (FLUSH-MOUNTED)	TOP AT +12"	20" X 6"D
	POWER DISTRIBUTION PANELBOARD	WALL	THESE SYMBOLS ARE GENERAL IN NATURE AND MAY VARY IN SIZE AND SHAPE TO SUIT APPLICATION. CROSS HATCHING INDICATES MAIN PANELBOARD OR SWITCHBOARD. NAME IS INDICATED IN SET-1 QUOTES (I.E. 'L2A', 'MDP')
	SWITCHBOARD	FLOOR	
	METER BASE	TOP AT +12"	
	OPEN - STOP - CLOSE SWITCH	+60"	FURNISH SWITCH UNLESS FURNISHED BY ANOTHER DIVISION. INSTALL AND CONNECT COMPLETE. REFER TO RELATED SPECIFICATION SECTIONS.
	HVAC THERMOSTAT	+60"	PROVIDED BY DIVISION 16.000 U.N.O.
	HAND - OFF - AUTO SWITCH	+60"	
	GROUND FAULT PROTECTION		



KEYED NOTES:

- ① EXISTING CIRCUITS AND DEVICES ON WALLS INDICATED ARE TO REMAIN. CONTRACTOR SHALL PROTECT ALL DEVICES FROM DAMAGE DURING CONSTRUCTION.
- ② SIMPLEX COMMUNICATION RACK TO REMAIN. RELOCATE AS REQUIRED FOR NEW CONSTRUCTION AND PROTECT FROM DAMAGE. ALL ASSOCIATED SYSTEMS SHALL FUNCTION AS THEY DID PRIOR TO THE DEMOLITION TO INCLUDE BUT NOT LIMITED TO THE CLOCK AND BELL SYSTEM.
- ③ SIMPLEX COMMUNICATION BOX SHALL REMAIN AND IS TO BE PROTECTED FROM DAMAGE DURING CONSTRUCTION.
- ④ EXISTING PANEL TO REMAIN.

GENERAL NOTES:

- I. THE MAJORITY OF DEMOLITION WORK IS TO BE COMPLETED BY THE OWNER. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER THE EXTENT OF LIGHT FIXTURES AND OTHER DEVICES SUCH AS CLOCKS AND SPEAKERS THAT ARE TO BE REUSED AND RELOCATED.

GENERAL DEMOLITION NOTES:

- I. UNLESS SPECIFICALLY NOTED OTHERWISE, REMOVE ALL ELECTRICAL ITEMS SHOWN IN DARK & DASHED LINES. ITEMS SHOWN IN LIGHT & SOLID LINES ARE TO REMAIN. DEMOLITION ITEMS ARE SHOWN TO GIVE A BASIC DESCRIPTION OF THE EXTENT OF DEMOLITION WORK, BUT MAY NOT BE INCLUSIVE. PROVIDE DEMOLITION WORK IN ACCORDANCE WITH THE FOLLOWING REQUIREMENTS:
 - A. DISCONNECT AND REMOVE ANY/ALL FIXTURES, DEVICES, EQUIPMENT, ETC. REQUIRED FOR PROPER COMPLETION OF THE WORK WHETHER SHOWN OR NOT.
 - B. RELOCATE, REWIRE, AND/OR RECONNECT ANY/ALL FIXTURES, DEVICES, EQUIPMENT, ETC. THAT FOR ANY REASON OBSTRUCTS CONSTRUCTION.
 - C. LEAVE ALL EXISTING FIXTURES, DEVICES, EQUIPMENT, ETC. IN PORTIONS OF THE SITE NOT BEING REMODELED, IN WORKING CONDITION. RESTORE ALL INTERRUPTED BRANCH CIRCUITS, FEEDERS, ETC.
 - D. REMOVE AND DISPOSE OF ALL RACEWAYS, CONDUCTORS, BOXES, DEVICES, EQUIPMENT, ETC. THAT ARE NOT TO BE REUSED.
 - E. EXISTING RACEWAYS MAY BE REUSED, IF IN PLACE, WHERE POSSIBLE, AND WHERE IN COMPLIANCE WITH THE SPECIFICATIONS AND THE INTENT OF THE CONTRACT DOCUMENTS. UPGRADE AND OR PROVIDE NEW CONDUIT SUPPORTS WHERE NECESSARY FOR ALL RACEWAYS BEING REUSED. INSURE INTEGRITY OF EXISTING RACEWAYS BEFORE REUSE.
 - F. DO NOT PENETRATE STRUCTURAL ELEMENTS OF FLOORS, WALLS, CEILINGS, ROOFS, ETC.
 - G. COORDINATE WITH OWNER WHAT EQUIPMENT SHOULD BE DISPOSED OF AND WHAT EQUIPMENT IS TO BE RETURNED TO OWNER.
 - H. COORDINATE WITH OWNER WHAT EQUIPMENT SHOULD BE DISPOSED OF AND WHAT EQUIPMENT IS TO BE RETURNED TO OWNER.

State of Utah

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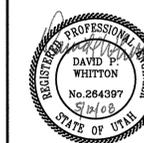
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PROJECT TITLE:

UTAH COLLEGE OF APPLIED TECHNOLOGY

CULINARY ARTS CLASSROOM AND ADMINISTRATION OFFICE REMODEL

1100 EAST LAGOON STREET ROOSEVELT, UTAH

MARK	DATE	DESCRIPTION
ISSUE TYPE: CONSTRUCTION DOCUMENTS		

ISSUE DATE: 12th May, 2008

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CAD PROJECT NO:

DRAWN BY: BRT

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SHEET TITLE

DEMOLITION PLAN

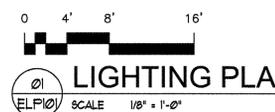
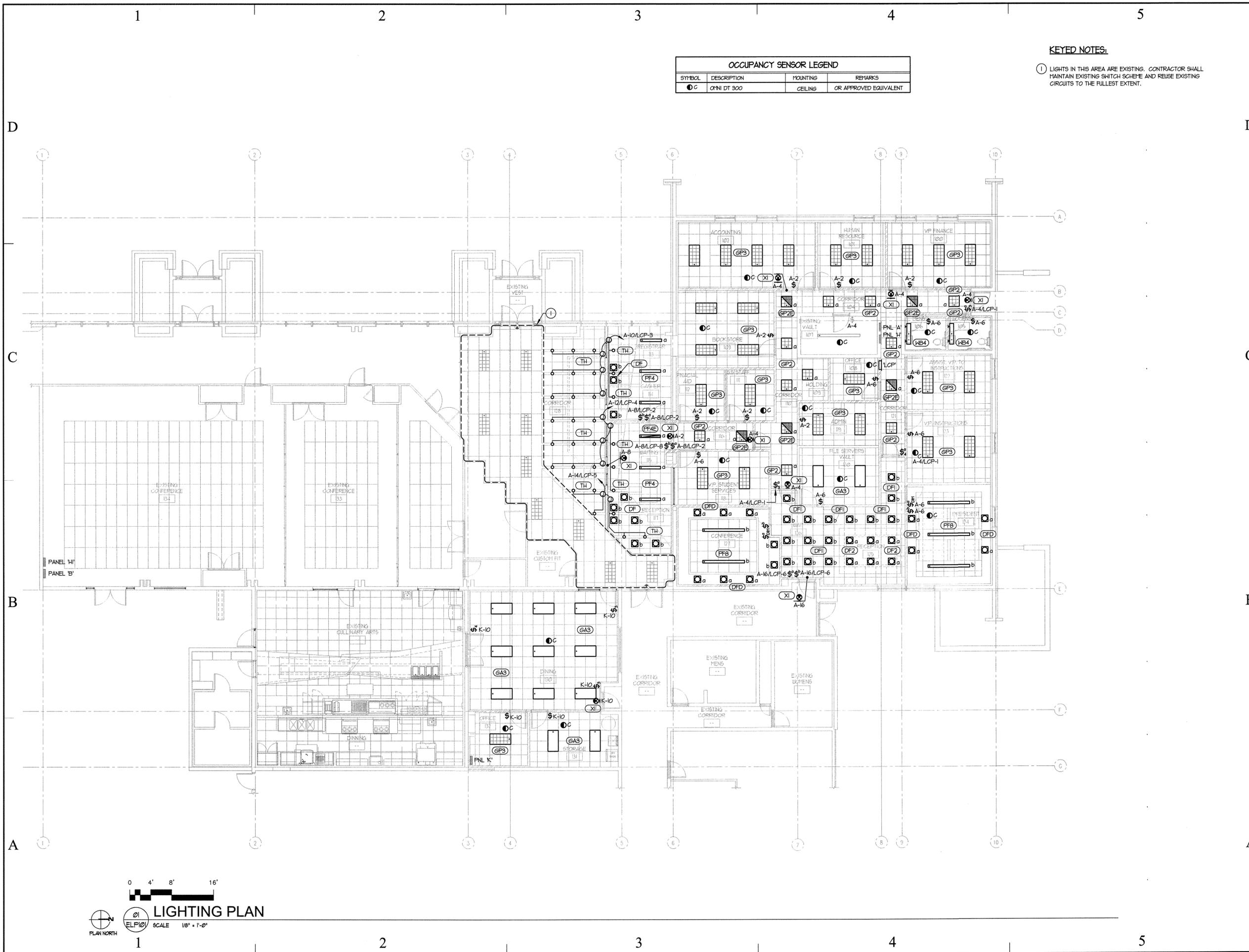
SHEET NUMBER

E-DP101

OCCUPANCY SENSOR LEGEND			
SYMBOL	DESCRIPTION	MOUNTING	REMARKS
● C	OPNI DT 300	CEILING	OR APPROVED EQUIVALENT

KEYED NOTES:

① LIGHTS IN THIS AREA ARE EXISTING. CONTRACTOR SHALL MAINTAIN EXISTING SWITCH SCHEME AND REUSE EXISTING CIRCUITS TO THE FULLEST EXTENT.



M:\2008-05-04-00 - Utnia Basin ATC Admin Offices Remodel Roosevelt, UT\Elec-LP 101.dwg, 5/12/2008 10:25:09 AM, JHARWARD, Envision Engineering, PC



- KEYED NOTES:**
- 1 PROVIDE WALKER FLOOR BOX RFB2 WITH RFBZDF AND RFBZAB ACCESSORIES OR APPROVED EQUIVALENT. PROVIDE 538CCTCAL COVER FOR CARPET AREAS AND 538BETCAL FOR TILE AREAS. COORDINATE EXACT LOCATION WITH OWNER OR ARCHITECT PRIOR TO ROUGH IN.
 - 2 CONTRACTOR SHALL SAW CUT CONCRETE AS SHOWN FOR NEW FLOOR BOXES. PATCH AND REPAIR.
 - 3 MAINTAIN REQUIRED NEC CLEARANCE AROUND ELECTRICAL PANEL.
 - 4 EXISTING DATA RACKS TO REMAIN.

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PROJECT TITLE:
UTAH COLLEGE OF APPLIED TECHNOLOGY
CULINARY ARTS CLASSROOM AND ADMINISTRATION OFFICE REMODLE
 1100 EAST LAGOON STREET
 ROOSEVELT, UTAH

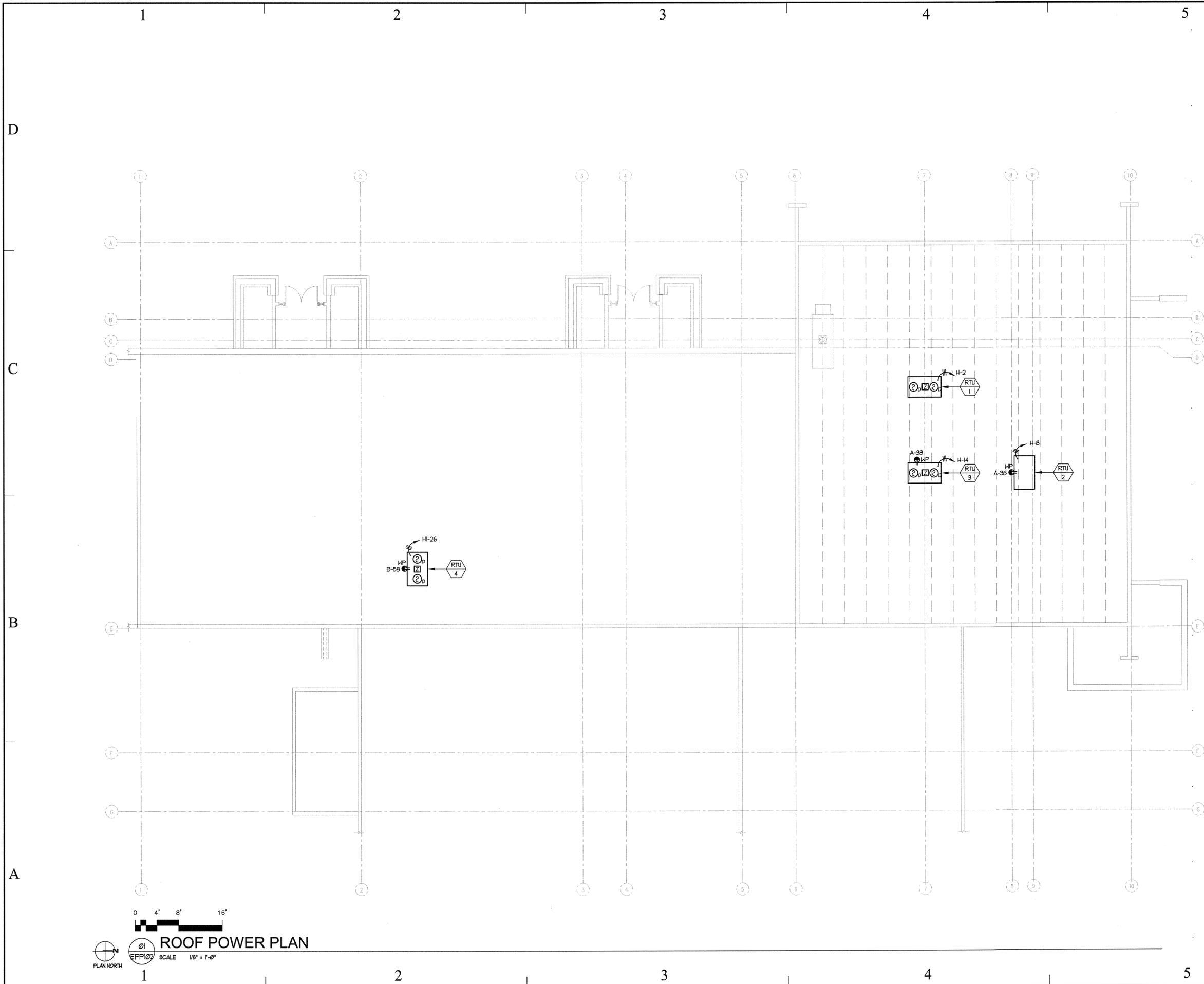
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ISSUE TYPE: CONSTRUCTION DOCUMENTS		
ISSUE DATE: 12th May, 2008		

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 DESIGN BY: RVV
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SHEET TITLE
POWER PLAN

SHEET NUMBER
E-PP101

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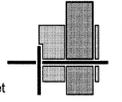


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 Division of Facilities
 Construction & Management
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architecture | planning | design

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PROJECT TITLE:

UTAH COLLEGE OF APPLIED TECHNOLOGY

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1100 EAST LAGOON STREET ROOSEVELT, UTAH

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SHEET TITLE

ROOF POWER PLAN

SHEET NUMBER

E-PP102

M:\2008-054-00 - Uinta Basin ATC Admin Offices Remodel Roosevelt, UT\Elec-PP102.dwg, 5/12/2008 10:24:48 AM, JHARWARD, Envision Engineering, PC

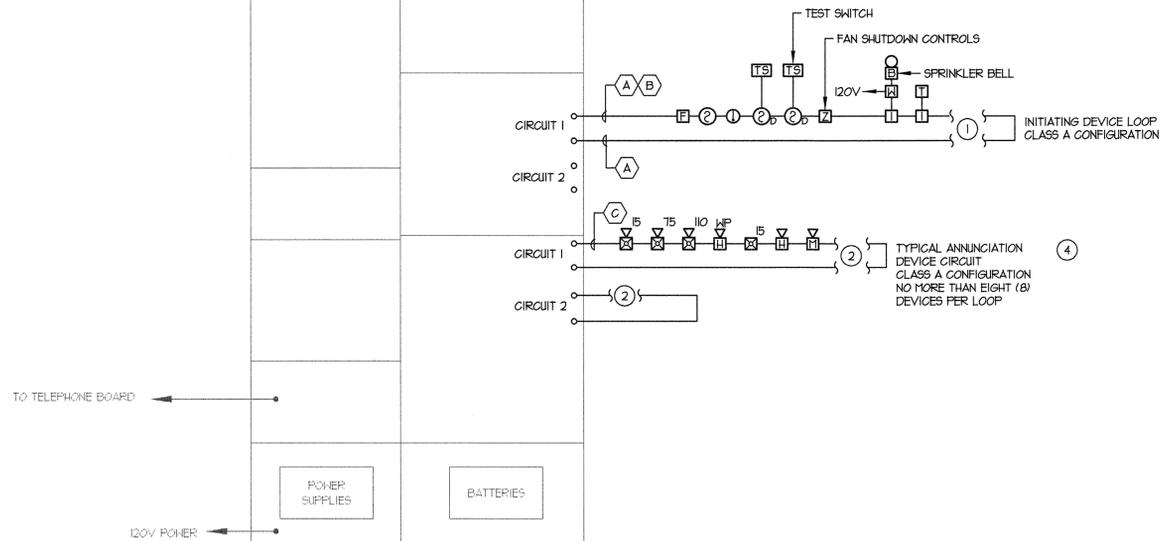
FIRE ALARM SYSTEM NOTES:

- PROVIDE ADDRESSABLE FIRE ALARM SYSTEM.
- CONFIRM ALL WIRING REQUIREMENTS WITH FIRE ALARM SYSTEM SUPPLIER AND PROVIDE IN ACCORDANCE THEREWITH.
- THE SYSTEM SHALL BE PROGRAMMED SO THAT IF ANY INITIATION DEVICE IS ACTUATED, AN ALARM SIGNAL WHICH IS AUDIBLE THROUGHOUT THE BUILDING WILL BE ACTIVATED.
- WIRING SHALL BE CONTINUOUS FROM ONE DEVICE TO ANOTHER. NO SPLICING IS ALLOWED.
- PROVIDE FIRE ALARM MAP OF THE BUILDING SHOWING ALL FIRE ALARM SYSTEM DEVICES. ALL MAPS SHALL BE IN ITX1 IN A ITX1 3 RING BINDER AND PROTECTIVE SLEEVES.
- ALL FIRE ALARM CABLING SHALL BE RAN IN CONDUIT. THERE SHALL BE NO EXPOSED CONDUIT. THE MINIMUM SIZE CONDUIT SHALL BE 3/4". CONTRACTOR SHALL SPRAY PAINT ALL JUNCTION BOXES ASSOCIATED WITH THE FIRE ALARM SYSTEM "FIRE ENGINE RED".
- THE FIRE ALARM SYSTEM SUPPLIER SHALL PROVIDE A COMPUTER DRAFTED PLAN OF THE FIRE ALARM SYSTEM USING FLOOR PLANS PROVIDED BY THE ENGINEER. COMPLETE RISER & WIRING DIAGRAMS SHALL BE INCLUDED.
- ALL NOTIFICATION DEVICE CIRCUIT VOLTAGE DROP CALCULATIONS SHALL BE DONE IN COMPLIANCE WITH NFPA 12 2002 SECTION 4.4.4.1. THE FIRE ALARM SYSTEM SUPPLIER TO DETERMINE THE AMOUNT NOTIFICATION DEVICE CIRCUITS THAT ARE REQUIRED BASED ON THE NUMBER OF NOTIFICATION DEVICES SHOWN ON THE DRAWINGS. PROVIDE FIRE RATED CABLE TO NOTIFICATION DEVICES PER ALL NFPA REQUIREMENTS.
- SUBMIT THE FIRE ALARM INSTALLATION DRAWINGS AND MANUFACTURERS OUTSHEETS TO THE LOCAL AUTHORITY HAVING JURISDICTION FOR REVIEW AND APPROVAL PRIOR TO THE ROUGH-IN OF THE SYSTEM.
- VERIFY AND COMPLY WITH ALL LOCAL AND NATIONAL CODES.
- FIRE ALARM SYSTEM SUPPLIER TO PROVIDE A COPY OF PROGRAMMING CODES AND OPERATION MANUALS IN A SLEEVED BINDER ATTACHED TO THE FIRE ALARM CONTROL PANEL.

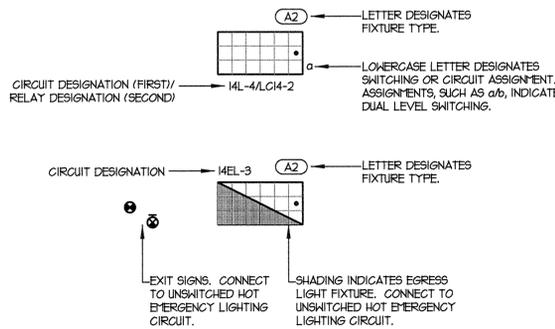
FIRE ALARM KEYED NOTES:

- EXTEND 3/4" CONDUIT WITH INITIATION CABLES TO ADDRESSABLE FIRE ALARM DEVICES INCLUDING SMOKE DETECTORS, DUCT SMOKE DETECTORS, MONITOR MODULES, AND CONTROL MODULES. REFER TO POWER PLANS FOR QUANTITIES, DEVICE TYPES AND LOCATIONS. INCLUDE POWER WIRING AS REQUIRED FOR CONTROL MODULES AND DUCT SMOKE DETECTORS. THIS WIRING SHALL TIE BACK INTO THE MAIN FIRE ALARM PANEL.
- EXTEND 3/4" CONDUIT WITH POWER CONDUCTORS TO FIRE ALARM HORNS, HORNSTROBES, AND STROBES. REFER TO POWER PLANS FOR QUANTITIES, DEVICE TYPES AND LOCATIONS. PROVIDE SYNC MODULES FOR STROBES AS REQUIRED TO COMPLY WITH ALL APPLICABLE CODES. WIRE ANNUNCIATION DEVICES PER ALL MANUFACTURERS RECOMMENDATIONS.
- EXTEND A 3/4" CONDUIT (UNLESS NOTED OTHERWISE) WITH THE REQUIRED FIRE ALARM CABLES FROM THE MAIN FIRE ALARM PANEL OUT TO ALL NOTIFICATION APPLIANCE CIRCUIT PANELS AND FIRE ALARM JUNCTION BOXES. REFER TO THE RISER DIAGRAMS FOR REQUIRED CABLES.
- THE CONTRACTOR SHALL PROVIDE ADDITIONAL NOTIFICATION APPLIANCE CIRCUIT PANELBOARDS (BOOSTER POWER SUPPLY) AS REQUIRED TO HANDLE THE NEW HORNSTROBES. OR THE CONTRACTOR CAN PROVIDE ADDITIONAL EXPANSION GARD FOR THE MAIN FIRE ALARM PANEL TO ALLOW FOR ADDITIONAL HORNSTROBE CAPACITY.

EXISTING FIRE ALARM CONTROL PANEL 'FACP' (SIMPLEX)



1 FIRE ALARM PANEL REQUIREMENTS
SCALE: NONE



5 TYPICAL LIGHT FIXTURE CONVENTION
SCALE: NONE

FIRE ALARM CABLE SCHEDULE

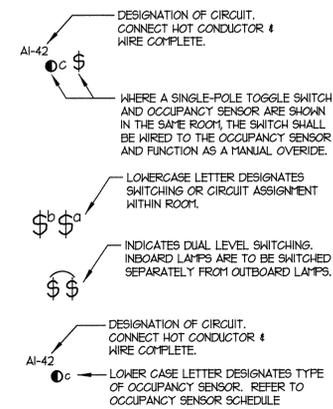
- A 1 - 18 AWG. TSP. (ADDRESSABLE LOOP)
- B 2 - 12 AWG. (POWER)
- C 2 - 14 AWG. (ANNUNCIATION)
- D 4 - 14 AWG. (ANNUNCIATION CIRCUIT)
- E 2 - 14 AWG. (ZONE)

ROOM SPACING ALLOCATION AND MINIMUM REQUIRED INTENSITY IN EFFECTIVE CANDELA (cd) FOR VISIBLE SIGNALING APPLIANCES

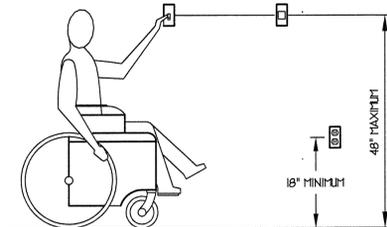
MAXIMUM ROOM SIZE (feet)	ONE LIGHT (cd)	TWO LIGHTS OPPOSITE WALLS (cd)	ONE LIGHT PER WALL (cd)
20 X 20	15	---	---
30 X 30	30	15	---
40 X 40	60	30	15
50 X 50	95	60	30
60 X 60	135	95	30
70 X 70	185	110	60
80 X 80	---	140	60
90 X 90	---	180	95
100 X 100	---	---	135
120 X 120	---	---	160
150 X 150	---	---	185

CORRIDOR LENGTH (ft) (20 ft. MAX WIDTH)	MINIMUM NO. OF 15 CD VISIBLE APPLIANCE REQUIRED
>30	1
>30 - 130	2
>130 - 230	3
>230 - 330	4
>330 - 430	5
>430 - 530	6

NOTE: THE VALUES IN COLUMN TWO FOR 'ONE LIGHT' ARE BASED ON LOCATING THE VISIBLE SIGNALING APPLIANCE AT THE HALF-WAY DISTANCE OF THE LONGEST WALL. IN SQUARE ROOMS WITH APPLIANCES NOT CENTERED, OR NON-SQUARE ROOMS, THE MAXIMUM ROOM SIZE SHALL BE DETERMINED BY: (a) THE DISTANCE FROM THE APPLIANCE TO THE FARTHEST OPPOSITE WALL; OR (b) TWICE THE DISTANCE FROM THE APPLIANCE TO THE FARTHEST ADJACENT WALL, WHICHEVER IS GREATER.



4 TYPICAL SWITCHING CONVENTIONS
SCALE: NONE



3 ADA ELEVATION DETAIL
SCALE: NONE

PROVIDE 4"x4"x2-1/8" DEEP JUNCTION BOX WITH SINGLE GANG PLASTER RING AND EXTEND 1" CONDUIT WITH NYLON PULL ROPE TO ACCESSIBLE CEILING. TERMINATE CONDUIT IN CEILING SPACE WITH A NYLON BUSHING. CABLE TO BE PROVIDED BY OWNER.



2 TYPICAL OUTLET CONVENTION
SCALE: NONE

State of Utah

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PROJECT TITLE:

UTAH COLLEGE OF APPLIED TECHNOLOGY

CULINARY ARTS CLASSROOM AND ADMINISTRATION OFFICE REMODEL

1100 EAST LAGOON STREET ROOSEVELT, UTAH

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SHEET TITLE

DETAILS & RISER DIAGRAMS

SHEET NUMBER

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	<p style="text-align: center;">LIGHT FIXTURE GENERAL NOTES</p> <ol style="list-style-type: none"> REFER TO THE ARCHITECTURAL REFLECTED CEILING PLANS FOR LOCATIONS OF LIGHT FIXTURES. BRING ALL DISCREPANCIES OF LOCATIONS AND QUANTITIES TO THE ATTENTION OF THE ARCHITECT AND ELECTRICAL ENGINEER PRIOR TO BIDDING. REFER TO ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHTS AND LOCATIONS OF LIGHT FIXTURES. BRING ALL DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT PRIOR TO BIDDING. REFER TO THE SPECIFICATIONS FOR OTHER LIGHT FIXTURE, BALLAST, AND LAMP REQUIREMENTS AND ACCEPTABLE MANUFACTURERS. REFER TO ARCHITECTURAL DRAWINGS FOR LOUVER REQUIREMENTS (IF ANY). CONFIRM AVAILABLE MOUNTING DEPTHS OF ALL LIGHT FIXTURES AND COMPARE WITH DEPTHS SHOWN ON SHOP DRAWING. BRING ALL POTENTIAL CONFLICT AREAS TO THE ATTENTION OF THE ARCHITECT AND ELECTRICAL ENGINEER PRIOR TO RELEASE. 	<p style="text-align: center;">LIGHT FIXTURE SCHEDULE</p> <table border="1"> <thead> <tr> <th rowspan="2">TYPE</th> <th rowspan="2">MANUFACTURER</th> <th rowspan="2">SERIES</th> <th rowspan="2">DESCRIPTION</th> <th rowspan="2">VOLTAGE</th> <th rowspan="2">LOAD (VA)</th> <th rowspan="2">MOUNTING</th> <th rowspan="2">NUMBER</th> <th colspan="3">LAMPS</th> <th rowspan="2">REMARKS</th> </tr> <tr> <th>TYPE</th> <th>WATTS</th> <th>COLOR (KELVIN)</th> <th>CR</th> </tr> </thead> <tbody> <tr> <td>DF</td> <td>GOTHAM ORIGA</td> <td>AFV S632PLT SPEX</td> <td>OPEN REFLECTOR COMPACT FLUORESCENT DOWNLIGHT APERTURE: 6" REFLECTOR TYPE: CLEAR REFLECTOR FINISH: SPECULAR LOW IRID LENS TYPE: CLEAR POLYCARBONATE MAXIMUM RECESS DEPTH: 11" ELECTRONIC BALLAST: 40% THD FLANGE: SELF-FLANGED</td> <td>120</td> <td>32</td> <td>RECESSED</td> <td>1</td> <td>TRIPLE TUBE COMPACT FLUORESCENT VERTICAL ORIENTATION</td> <td>32</td> <td>3500</td> <td>82</td> <td></td> </tr> <tr> <td>DF1</td> <td>PRESCOLITE</td> <td>D4</td> <td>OPEN REFLECTOR COMPACT FLUORESCENT DOWNLIGHT APERTURE: 4" REFLECTOR TYPE: BLACK MAXIMUM RECESS DEPTH: 10" ELECTRONIC BALLAST: 40% THD FLANGE: SELF-FLANGED</td> <td>120</td> <td>32</td> <td>RECESSED</td> <td>1</td> <td>TRIPLE TUBE COMPACT FLUORESCENT VERTICAL ORIENTATION</td> <td>32</td> <td>3500</td> <td>82</td> <td></td> </tr> <tr> <td>DF2</td> <td>GOTHAM HE WILLIAMS PRESCOLITE</td> <td>AFV FV60 CFT6</td> <td>OPEN REFLECTOR COMPACT FLUORESCENT DOWNLIGHT APERTURE: 6" REFLECTOR TYPE: CLEAR REFLECTOR FINISH: SPECULAR LOW IRID. 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THD: 40%</td> <td>120</td> <td>64</td> <td>WALL ABOVE MIRROR</td> <td>2</td> <td>48" LINEAR T8 FLUORESCENT TCLP COMPLIANT</td> <td>32</td> <td>3500</td> <td>86</td> <td></td> </tr> <tr> <td>XI</td> <td>LITHONIA SURELITE DUAL LITE LIGHTOLIER EXITRONIX</td> <td>LQ1 LPX CV3 LLNASH GVEX</td> <td>LED POLYCARBONATE EXIT SIGN OPERATION: EMERGENCY BATTERY FACE TYPE: STENCIL HOUSING COLOR: WHITE NUMBER OF FACES: 1 LETTER COLOR: GREEN</td> <td>120</td> <td>10</td> <td>UNIVERSAL</td> <td>1</td> <td>LAMP INCLUDED</td> <td>4</td> <td>N/A</td> <td>N/A</td> <td></td> </tr> </tbody> </table>			TYPE	MANUFACTURER	SERIES	DESCRIPTION	VOLTAGE	LOAD (VA)	MOUNTING	NUMBER	LAMPS			REMARKS	TYPE	WATTS	COLOR (KELVIN)	CR	DF	GOTHAM ORIGA	AFV S632PLT SPEX	OPEN REFLECTOR COMPACT FLUORESCENT DOWNLIGHT APERTURE: 6" REFLECTOR TYPE: CLEAR REFLECTOR FINISH: SPECULAR LOW IRID LENS TYPE: CLEAR POLYCARBONATE MAXIMUM RECESS DEPTH: 11" ELECTRONIC BALLAST: 40% THD FLANGE: SELF-FLANGED	120	32	RECESSED	1	TRIPLE TUBE COMPACT FLUORESCENT VERTICAL ORIENTATION	32	3500	82		DF1	PRESCOLITE	D4	OPEN REFLECTOR COMPACT FLUORESCENT DOWNLIGHT APERTURE: 4" REFLECTOR TYPE: BLACK MAXIMUM RECESS DEPTH: 10" ELECTRONIC BALLAST: 40% THD FLANGE: SELF-FLANGED	120	32	RECESSED	1	TRIPLE TUBE COMPACT FLUORESCENT VERTICAL ORIENTATION	32	3500	82		DF2	GOTHAM HE WILLIAMS PRESCOLITE	AFV FV60 CFT6	OPEN REFLECTOR COMPACT FLUORESCENT DOWNLIGHT APERTURE: 6" REFLECTOR TYPE: CLEAR REFLECTOR FINISH: SPECULAR LOW IRID. 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	<p style="text-align: center;">LIGHT FIXTURE ABBREVIATION SCHEDULE</p> <p style="text-align: center;">NOTE: NOT ALL ABBREVIATIONS WILL NECESSARILY BE USED.</p> <p>A.F.F. ABOVE FINISHED FLOOR HALL@CLG. HALL MOUNT AT CORNER OF WALL AND CEILING CCBA CUSTOM PAINTED COLOR AS SELECTED BY THE ARCHITECT SCBA STANDARD PAINTED COLOR AS SELECTED BY THE ARCHITECT CFBA CUSTOM FINISH AS SELECTED BY THE ARCHITECT SFBA STANDARD FINISH AS SELECTED BY THE ARCHITECT MOD MODIFY STANDARD LIGHT FIXTURE AS INDICATED</p>	<p style="text-align: center;">BIDDING REQUIREMENTS</p> <ol style="list-style-type: none"> BID ONLY PRODUCTS THAT ARE SPECIFIED OR APPROVED BY ADDENDUM. PACKAGING OF LIGHT FIXTURES WITH OTHER SYSTEMS IS NOT ALLOWED. WHEN ONLY ONE PRODUCT IS APPROVED FOR BIDDING, THE PRICE FOR THAT ITEM SHALL BE BROKEN OUT SEPARATELY WHEN SUBMITTING PRICING TO VARIOUS DISTRIBUTORS AND/OR CONTRACTORS. WHEN A CONTRADICTION EXISTS BETWEEN A SPECIFIC MODEL NUMBER AND THE DESCRIPTION, THE DESCRIPTION SHALL GOVERN. 																																																																																																																																																																																																																																			
	<p style="text-align: center;">LIGHT FIXTURE PRIOR APPROVAL REQUIREMENTS</p> <ol style="list-style-type: none"> PRIOR APPROVAL IS REQUIRED BEFORE BIDDING THIS PROJECT. PRIOR APPROVALS SHALL BE SUBMITTED TO THE ELECTRICAL ENGINEER'S OFFICE AT LEAST (8) EIGHT WORKING DAYS BEFORE THE BID. PRIOR APPROVALS RECEIVED AFTER THIS TIME PERIOD SHALL BE REJECTED. PRIOR APPROVALS SHALL BE SIGNED BY A PRINCIPAL OF THE SUBMITTING ORGANIZATION STATING THAT THEY HAVE PREPARED AND/OR REVIEWED THE SUBMITTAL AND THAT THE PRODUCTS PROPOSED ARE EQUIVALENT TO THOSE SPECIFIED. ANY EXCEPTIONS SHALL BE SO NOTED. ITEMS THAT ARE SUBMITTED AND HAVE BEEN APPROVED WILL BE LISTED IN THE ADDENDUM(S). VERBAL APPROVAL WILL NOT BE GIVEN ON ANY ITEM. IT IS NOT THE RESPONSIBILITY OF THE ELECTRICAL ENGINEER TO NOTIFY THE SUBMITTING PARTY OF ERRORS IN THE SUBMITTAL. NOTIFICATION OF ERRORS BY THE ELECTRICAL ENGINEER PRIOR TO ISSUANCE OF THE ADDENDUM(S) MAY NOT BE GIVEN. PRIOR APPROVALS SHALL CONSIST OF TWO SETS OF CUT SHEETS DESCRIBING THE PRODUCTS BEING SUBMITTED AS EQUIVALENTS. FAXES ARE NOT ACCEPTABLE. ALL SPECIFICATION INFORMATION SHALL BE CLEARLY MARKED, WITH NON-APPLICABLE INFORMATION CROSSED OUT. COMPLETE PHOTOMETRIC DATA SHALL BE PROVIDED. PRODUCTS WITHOUT PHOTOMETRIC DATA WILL NOT BE APPROVED. 																																																																																																																																																																																																																																				

State of Utah
Department of Administrative Services

Division of Facilities
Construction & Management
4110 State Office Building
Salt Lake City, Utah 84114
Phone: (801) 538 - 3018
Fax: (801) 538 - 3267
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CREATED BY: P+A architects

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CONSULTANT:
ENVISION
ENGINEERING
Direction: *Thom Meloy*
244 West 300 North, Suite 100
Salt Lake City, Utah 84103
801.534.1100 pH 801.534.1080 FAX

PROJECT TITLE:
UTAH COLLEGE OF APPLIED TECHNOLOGY
CULINARY ARTS CLASSROOM AND ADMINISTRATION OFFICE REMODEL

1100 EAST LAGOON STREET
ROOSEVELT, UTAH

MARK	DATE	DESCRIPTION
		ISSUE TYPE: CONSTRUCTION DOCUMENTS
		ISSUE DATE: 12th May, 2008
		DFCM PROJECT NO: 08046250
		CAD PROJECT NO:
		DRAWN BY: BRT
		DESIGN BY: RVV
		CHK'D BY: DPW
		COPYRIGHT: STATE OF UTAH

LIGHT FIXTURE SCHEDULE

SHEET NUMBER
E-LP601

A:\2008-054-00 - Uinta Basin ATC Admin Offices Remodel Roosevelt, UT\Elec\LP601.dwg, 5/12/2008 10:24:59 AM, JHARWARD, Envision Engineering, PC

ENVISION
ENGINEERING
Direction: *Then Velocity*
244 West 300 North, Suite 100
Salt Lake City, Utah 84103
801.534.1130 ph 801.534.1080 fax
No. 284397
2/21/08
REGISTERED PROFESSIONAL ENGINEER
DAVID P. WHITTON
STATE OF UTAH

MECHANICAL EQUIPMENT SCHEDULE

UNIT NAME	DESCRIPTION	LOAD	TYPE	VOLTAGE	PHASE	AMPERAGE	CONDUIT SIZE	WIRES		STARTER / DISCONNECT / CONNECTION AT UNIT				REMARKS		
								NO.	SIZE	NOTE	STARTER SIZE	MCP / FUSE			DISCONNECT	
												SIZE	POLES		SIZE	POLES
EF-1	EXHAUST FAN	1/8	HP	120	1	4	3/4"	2	12	1A	-	-	-	1 HP	1	
EF-2	EXHAUST FAN	1/8	HP	120	1	4	3/4"	2	12	1A	-	-	-	1 HP	1	
RTU-1	ROOF TOP UNIT	24	MCA	208	3	24	3/4"	3	8	4B #10B	-	-	-	-	-	
RTU-2	ROOF TOP UNIT	18.5	MCA	208	3	18.5	3/4"	3	12	4B #10B	-	-	-	-	-	
RTU-3	ROOF TOP UNIT	24	MCA	208	3	24	3/4"	3	8	4B #10B	-	-	-	-	-	
RTU-4	ROOF TOP UNIT	38.2	MCA	208	3	38.2	3/4"	3	8	4B #10B	-	-	-	-	-	
WH-1	WATER HEATER	3.5	KW	208	1	14.6	3/4"	2	12	14A	-	-	-	-	-	
WH-2	WATER HEATER	3.5	KW	208	1	14.6	3/4"	2	12	14A	-	-	-	-	-	

SIZE ALL FUSES IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

STARTER / DISCONNECT NOTES:

- MANUAL STARTER WITH THERMAL OVERLOAD
- MANUAL STARTER WITH THERMAL OVERLOAD PROTECTION & LOW VOLTAGE RELAY / CONTACTOR FOR ATC CONTROL
- COMBINATION MAGNETIC STARTER / FUSED DISCONNECT
- COMBINATION MAGNETIC STARTER / MOTOR CIRCUIT PROTECTOR (MCP)
- COMBINATION VARIABLE FREQUENCY DRIVE / MOTOR CIRCUIT PROTECTOR (MCP)
- REDUCED VOLTAGE STARTER
- COMBINATION TWO-SPEED STARTER / FUSED DISCONNECT
- COMBINATION TWO-SPEED STARTER / MOTOR CIRCUIT PROTECTOR (MCP)

INSTALLATION NOTES:

- FURNISHED, INSTALLED, & CONNECTED UNDER DIVISION 16.
- FURNISHED & INSTALLED UNDER ANOTHER DIVISION REQUIRING CONNECTIONS UNDER DIVISION 16.
- FURNISHED UNDER ANOTHER DIVISION BUT INSTALLED AND CONNECTED UNDER DIVISION 16.
- FURNISHED, INSTALLED, & CONNECTED UNDER ANOTHER DIVISION
- FURNISHED BY OWNER, INSTALLED & CONNECTED BY DIVISION 16
- FUSED DISCONNECT SWITCH
- BREAKER AND ENCLOSURE
- DIRECT CONNECTION
- DUPLEX RECEPTACLE OUTLET
- SPECIAL PURPOSE OUTLET
- SHUNT-TRIP BREAKER AND ENCLOSURE
- TOGGLE SWITCH
- FUSED DISCONNECT SWITCH WITH LATE MAKE/EARLY BREAK CONTACT

LIGHTING RELAY PANEL SCHEDULE

Panel Address: _____
Panel Name: LCP
Location: CORRIDOR
Transformer Voltage: 120
Mounting: RECESSED
NE1A Type: I

Relay	Circuit	Load Controlled	Switch/OS	Channel									
				A	B	C	D	E	F	G	H		
1	A-4	CORRIDOR	X										
2	A-8	FRONT WAITING AND REGISTRAR	X										
3	A-10	COMMON AREA TRACK	X										
4	A-12	COMMON AREA TRACK	X										
5	A-14	COMMON AREA TRACK	X										
6	A-16	RECEPTION 126 AND WAIT 125 AND CONF	X										
7	SPARE												
8	SPARE												
9	SPARE												
10	SPARE												
11	SPARE												
12	SPARE												

Channel	LOAD Description	PROGRAM REQUIREMENTS
A	BUSINESS HOURS	TIMED ON TIMED OFF
B		
C		
D		
E		
F		
G		
H		

- GENERAL NOTES:
1. PROGRAM SYSTEM TO MEET REQUIREMENTS OF 2006 IECC.
2. CONFIRM SWITCHING SCHEME WITH THE OWNER PRIOR TO PROGRAMMING THE SYSTEM.

LIGHTING AND APPLIANCE PANELBOARD SCHEDULE

(EXISTING) _____
CIRCUIT BREAKERS: BOLT ON PLUG ON
120 / 208 VOLTAGE _____ 3 PH _____ 4 W
PANEL NAME: _____ K TYPE: _____ NOOD
 ENGRAVED NAME TAGS BUS MATERIAL: ALUM BUS CU BUS GROUND: GROUND BUS ISOL GND BUS NEUTRAL: 100% 200% LUGS: MAIN SUB-FEED FEED-THROUGH MAIN BREAKER: A/FPS _____ (FUSED) BUS A/FPS: 225

BRANCH BREAKERS

NOTES	ITEM	A/FPS	POLE	WIRE SIZE	CIR. NO.	LEFT PHASE LOAD			RIGHT PHASE LOAD			CIR. NO.	A/FPS	POLE	WIRE SIZE	ITEM	NOTES
						A	B	C	A	B	C						
	WASHER & DRYER	30	1	12	1	1200						2	30	3		SODA MACHINE	4
	DRYER	20	2	10	3		1500					4	-	-		ICE MACHINE	4
	SPARE	-	-	-	5			1500				6	-	-		REGIST. & GEN. AREA C.O.	4
	SPARE	20	1	12	1							8	20	1	12	SANIT TRIP	4
	SPARE	20	1	12	4					1200	1200	10	20	1	12	DINING AREA LIGHTS	8
	SPARE	20	1	12	11							12	20	1	12	VENDING MACHINES	8
	SPARE	20	1	12	13				1200			14	20	1	12	VENDING MACHINES	8
	SPARE	20	1	12	15					1200		16	20	1	12	VENDING MACHINES	8
	SPARE	20	1	12	17						1200	18	20	1	12	DINING CO'S	8
	SPARE	20	1	12	14				900			20	20	1	12	OFFICE CO'S	8
	ANSUL SYSTEM SHUNT	20	1	12	21							22	20	1		FRNT. CO. DESK/PHONE	4
	EF-1	20	3		23							24	20	1		SPARE	8
	EF-2	20	3		25							26	50	2		FREEZE/COOLER REPT UNIT	4
	EF-3	20	3		27							28	-	-			4
	EF-4	20	3		29							30	30	3		WH-1	4
	EF-5	20	3		31							32	-	-			4
	EF-6	20	3		33							34	-	-			4
	EF-7	20	3		35							36	-	-		SHUNT TRIP	4
	EF-8	20	3		37							38	50	3		ROOF-TOP UNIT	4
	EF-9	20	3		39							40	-	-			4
	EF-10	20	3		41							42	-	-			4

FRONT: STANDARD HINGED DOOR-IN-DOOR

MOUNTING: FLUSH SURFACE SURFACE W/ SKIRT ABOVE SURFACE W/ SKIRT BELOW

TVSS: NONE CATEGORY 'C' CATEGORY 'B' CATEGORY 'A'

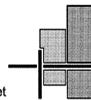
NE1A RATINGS: NE1A 1 NE1A 3R NE1A 4X NE1A 12 STAINLESS STEEL

TOTAL CONNECTED LOAD: 11100
SHORT CIRCUIT RATING: SERIES - RATED FULLY - RATED
A/FPS R1'S SYM

REFER TO ONE-LINE DIAGRAM FOR FEEDER, CONDUIT AND CONDUCTOR SIZES

PANELBOARD SCHEDULE NOTES:

- PROVIDE CLASS A GROUND FAULT INTERRUPTER TYPE CIRCUIT BREAKER.
- PROVIDE ARC FAULT CIRCUIT INTERRUPTER TYPE CIRCUIT BREAKER.
- PROVIDE 30 MILLIAMPERE EQUIPMENT GROUND FAULT PROTECTOR TYPE CIRCUIT BREAKER.
- PROVIDE SHUNT-TRIP TYPE CIRCUIT BREAKER WITH 120V COIL.
- PROVIDE HAZAR RATED CIRCUIT BREAKER.
- PROVIDE HANDLE CLAMP FOR HOLDING CIRCUIT BREAKER IN THE 'ON' OR 'OFF' POSITION.
- PROVIDE SWITCHING RATED CIRCUIT BREAKER.
- PROVIDE NEW CIRCUIT BREAKER IN EXISTING PANELBOARD (WHERE PANEL IS INDICATED AS EXISTING) OF SAME MANUFACTURER AND A.I.C. RATING AS EXISTING.
- EXISTING LOAD.



LIGHTING AND APPLIANCE PANELBOARD SCHEDULE

PANEL NAME: A TYPE: NGOOD (EXISTING) CIRCUIT BREAKERS: BOLT ON PLUG ON 120 / 208 VOLTAGE 3 PH 4 W

ENGRAVED NAME TAGS BUS MATERIAL: ALUM BUS CU BUS GROUND: GROUND BUS ISOL GND BUS NEUTRAL: 100% 200% LUGS: MAIN SUB-FEED FEED-THROUGH MAIN BREAKER: A/FPS BUS A/FPS:

BRANCH BREAKERS																	
NOTES	ITEM	A/FPS	POLE	WIRE SIZE	CIR. NO.	LEFT PHASE LOAD			RIGHT PHASE LOAD			CIR. NO.	A/FPS	POLE	WIRE SIZE	ITEM	NOTES
						A	B	C	A	B	C						
8	OFFICE 100 & 101	20	1	12	1	1080			1440			2	20	1	12	OFFICE LTS	8
8	OFFICE 101 & 102	20	1	12	3		1080					4	20	1	12	CORRIDOR	8
8	ACGT & BOOKSTORE	20	1	12	5			1080				6	20	1	12	OFFICE LTS	8
8	RR & OFFICE 108	20	1	12	7	1080						8	20	1	12	FRONT WAITING & REGIST	8
8	OFFICE 102	20	1	12	9		900					10	20	1	12	COMMON AREA TRK	8
8	ADMIN RM	20	1	12	11			540				12	20	1	12	COMMON AREA TRK	8
8	COPIER	30	2	10	13	1200						14	20	1	12	COMMON AREA TRK	8
8					15		1200					16	20	1	12	REG WAIT CONF RM LTS	8
8	OFFICE III & 102	20	1	12	17			1080				18				SPARE	8
8	OFFICE 102 & 108	20	1	12	19	1080						20				SPARE	8
8	OFFICE 108 & 121	20	1	12	21			1080				22				SPARE	8
8	UCTR FRIDGE	20	1	12	23			1200				24				NEW SERVER (240)	4
8	CONF RM CO'S	20	1	12	25	120						26				NEW SERVER (240)	4
8	CASHIER & REGISR CO'S	20	1	12	27		1080					28				SPARE	8
8	WAITING & REGPT CO'S	20	1	12	29			1080				30				LIGHTING CONTROL PNL	8
4	PLUG A-14 SERVER				31				1600			32	20	1	12	EP-1 & EP-2	8
4	PLUG A-14 SERVER				33				900			34	20	1	12	PRESIDENT	8
4	PLUG A-14 SERVER				35					1080		36	20	1	12	OFFICE 123	8
4	PLUG A-14 SERVER				37			540				38	20	1	12	ROOF CO'S	8
4	PLUG A-14 SVR RM 30-A				39				540			40	20	1	12	SERVER RM CO'S	8
4	A-14 SERVER RM 30-A				41					900		42	20	1	12	RECEPTION CO'S	8

FRONT: STANDARD HINGED DOOR-IN-DOOR

MOUNTING: FLUSH SURFACE SURFACE W/ SKIRT ABOVE SURFACE W/ SKIRT BELOW

TVSS: NONE CATEGORY "C" CATEGORY "B" CATEGORY "A"

NEHA RATING: NEHA 1 NEHA 3R NEHA 4X NEHA 12 STAINLESS STEEL

TOTAL CONNECTED LOAD: 3154
SHORT CIRCUIT RATING: SERIES - RATED FULLY - RATED
A/FPS R/S 5Y11

REFER TO ONE-LINE DIAGRAM FOR FEEDER, CONDUIT AND CONDUCTOR SIZES

LIGHTING AND APPLIANCE PANELBOARD SCHEDULE

PANEL NAME: HI TYPE: NGOOD (EXISTING) CIRCUIT BREAKERS: BOLT ON PLUG ON 120 / 208 VOLTAGE 3 PH 4 W

ENGRAVED NAME TAGS BUS MATERIAL: ALUM BUS CU BUS GROUND: GROUND BUS ISOL GND BUS NEUTRAL: 100% 200% LUGS: MAIN SUB-FEED FEED-THROUGH MAIN BREAKER: A/FPS BUS A/FPS:

BRANCH BREAKERS																	
NOTES	ITEM	A/FPS	POLE	WIRE SIZE	CIR. NO.	LEFT PHASE LOAD			RIGHT PHASE LOAD			CIR. NO.	A/FPS	POLE	WIRE SIZE	ITEM	NOTES
						A	B	C	A	B	C						
4	SPARE	20	3		1							2	20	3		ENERCON WEST HALL	4
4	SPARE	20	3		3							4					
4	SPARE	20	3		5							6				SW ENERCON UNIT CLG	4
4	NW ENERCON UNIT CLG	30	3		13							14	30	3		C ENERCON UNIT CLG	4
4	ENERCON UNIT CLG #1	30	3		14							20	30	3		S ENERCON UNIT CLG	4
4	ENERCON UNIT CLG #6	30	3		25			4580				26	50	3	8	RTU-4	8
4	SPARE	30	3		31							32	30	3		SPARE	4
4	CAB HEATER ENTRY	40	3		37							38	40	3		CAB HEATER ENTRY	4

FRONT: STANDARD HINGED DOOR-IN-DOOR

MOUNTING: FLUSH SURFACE SURFACE W/ SKIRT ABOVE SURFACE W/ SKIRT BELOW

TVSS: NONE CATEGORY "C" CATEGORY "B" CATEGORY "A"

NEHA RATING: NEHA 1 NEHA 3R NEHA 4X NEHA 12 STAINLESS STEEL

TOTAL CONNECTED LOAD: 13140
SHORT CIRCUIT RATING: SERIES - RATED FULLY - RATED
A/FPS R/S 5Y11

REFER TO ONE-LINE DIAGRAM FOR FEEDER, CONDUIT AND CONDUCTOR SIZES

LIGHTING AND APPLIANCE PANELBOARD SCHEDULE

PANEL NAME: B TYPE: NGOOD (EXISTING) CIRCUIT BREAKERS: BOLT ON PLUG ON 120 / 208 VOLTAGE 3 PH 4 W

ENGRAVED NAME TAGS BUS MATERIAL: ALUM BUS CU BUS GROUND: GROUND BUS ISOL GND BUS NEUTRAL: 100% 200% LUGS: MAIN SUB-FEED FEED-THROUGH MAIN BREAKER: A/FPS BUS A/FPS:

BRANCH BREAKERS																	
NOTES	ITEM	A/FPS	POLE	WIRE SIZE	CIR. NO.	LEFT PHASE LOAD			RIGHT PHASE LOAD			CIR. NO.	A/FPS	POLE	WIRE SIZE	ITEM	NOTES
						A	B	C	A	B	C						
4	NORTH LIGHTS				1							2				HALL LIGHTS	4
4	SOUND CABINET				3							4				FLR BOX MID W. 3 OUTLETS	4
4	MID LIGHTS				5							6				FLR BOX SW FLOOR BOX	4
4	STORAGE/OFFICE LTS				7							8				CLOSET LTS/HALL OUTLETS	4
4	SOUTH LIGHTS				9							10				STAGE OUTLET	4
4	SOUTH FLUORESCENTS				11							12				OUTLETS	4
4	OUTLETS				13							14				OUTLETS	4
4	FLR BOX MID E. 3 OUTLETS				15							16				OUTLETS	4
4	OUTLETS				17							18				FLOOR BOX CENTER S. OUTLET	4
4	SND CABINET FRNT OFFICE				19							20				OUTSIDE LIGHTS	4
4	OVERHEAD BOOR M1				21							22				OUTLETS/DISPLAY BOARD	4
4	FLOOR BOX NE 2 OUTLETS				23							24				OUTLETS	4
4	SPARE				25							26				FLOOR BOX NW 2 OUTLETS	4
4	SPARE				27							28				MAIN OFFICE LIGHTS	4
4	OFFICE & STORAGE CO				29							30				OUTLETS	4
4	SPARE				31							32				OUTLETS	4
4	SPARE				33							34				FLOOR BOX MID CENTER 3 OUTLETS	4
4	SPARE				35							36				FLOOR BOX SE 3 OUTLETS	4
4	FLOOR BOX N. CENTER CO				37				180			38	20	1	12	ROOF CO	8
4	SPARE				39							40				SPARE	8
4	SPARE				41							42				SPARE	8

FRONT: STANDARD HINGED DOOR-IN-DOOR

MOUNTING: FLUSH SURFACE SURFACE W/ SKIRT ABOVE SURFACE W/ SKIRT BELOW

TVSS: NONE CATEGORY "C" CATEGORY "B" CATEGORY "A"

NEHA RATING: NEHA 1 NEHA 3R NEHA 4X NEHA 12 STAINLESS STEEL

TOTAL CONNECTED LOAD: 180
SHORT CIRCUIT RATING: SERIES - RATED FULLY - RATED
A/FPS R/S 5Y11

REFER TO ONE-LINE DIAGRAM FOR FEEDER, CONDUIT AND CONDUCTOR SIZES

LIGHTING AND APPLIANCE PANELBOARD SCHEDULE

PANEL NAME: H TYPE: NGOOD (EXISTING) CIRCUIT BREAKERS: BOLT ON PLUG ON 120 / 208 VOLTAGE 3 PH 4 W

ENGRAVED NAME TAGS BUS MATERIAL: ALUM BUS CU BUS GROUND: GROUND BUS ISOL GND BUS NEUTRAL: 100% 200% LUGS: MAIN SUB-FEED FEED-THROUGH MAIN BREAKER: A/FPS BUS A/FPS:

BRANCH BREAKERS																	
NOTES	ITEM	A/FPS	POLE	WIRE SIZE	CIR. NO.	LEFT PHASE LOAD			RIGHT PHASE LOAD			CIR. NO.	A/FPS	POLE	WIRE SIZE	ITEM	NOTES
						A	B	C	A	B	C						
4	BASE BOARD HEATER A-6				1							2	50	3	8	RTU-1	8
4	BASE BOARD HEATER A-6				3							4					
4	HEAT PUMP				7				2220			8	25	3	12	RTU-2	8
4	SPARE				10				2220			12					
4	PLUGS HALL				13				3480			14	50	3	8	RTU-3	8
4	LIGHT A-2				15				3480			16					
4	PLUG HOLD A-2				17							18					
4	HEAT PUMP ()				19				1750			20	25	2	12	WH-1	8
4	HEAT PUMP (BOARD R31)				21				1750			22					
4	HEAT PUMP ()				23				1750			24	25	2	12	WH-2	8
8	SPARE				25							26					
8	SPARE				27				</								