

# WEBER STATE UNIVERSITY STUDENT SERVICES BUILDING FIRST FLOOR INTERIOR REMODEL

OGDEN, UTAH

DFCM PROJECT NO. 07349810



State of Utah— Department of Administrative Services

## **DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT**

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

January 28th, 2008

**State of Utah**

Department of Administrative Services



Division of Facilities  
Construction & Management  
4110 State Office Building  
Salt Lake City, Utah 84114  
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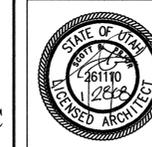
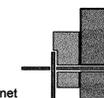
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BUILDING NAME:

WEBER STATE UNIVERSITY  
ADMINISTRATION BUILDING  
STUDENT SERVICES  
FIRST FLOOR REMODEL  
OGDEN, UTAH

PROJECT TITLE:

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PHASE I AND II  
CONSTRUCTION DOCUMENTS

MARK	DATE	DESCRIPTION

ISSUE TYPE: Construction Documents

ISSUE DATE: January 28th, 2008

DFCM PROJECT NO: 07349810

CAD PROJECT NO:

CAD DWG FILE:

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SHEET TITLE

**COVER SHEET**

SHEET NUMBER

**A-G1000**

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## ABBREVIATIONS

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

#	NUMBER	OMB.	GYP. WALL BOARD
'	FEET	GYP. BD.	GYP. WALL BOARD
"	INCHES	HC.	HANDICAPPED
&	AND	HDW.	HARDWARE
@	AT	H.M.	HOLLOW METAL
∅	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
DWGS.	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 CONTRACTOR INSTALLED	T.O.S.	TOP OF SLAB OR SIDEWALK
G.I.	GALVANIZED STEEL	T.O.W.	TOP OF WALL
GND.	GROUND	TYP.	TYPICAL
GOVT.	GOVERNMENT	VERT.	VERTICAL
		VEST.	VESTIBULE
		W/	WITH
		WD	WOOD

## DESIGN TEAM

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## GRAPHIC KEY

	CONCRETE		ASPHALT PAVING		FINISH LUMBER
	GRAVEL		STEEL STUD PARTITION		WOOD FRAMING
	MASONRY		CERAMIC TILE		PLYWOOD
	DETAIL NUMBER SHEET ON WHICH DETAIL APPEARS		SECTION NUMBER SHEET ON WHICH SECTION APPEARS		ELEVATION VIEW DETAIL NUMBER SHEET ON WHICH DETAIL APPEARS
	PARTITION TYPE		DOOR NUMBER		WINDOW TYPE

## DFCM DESIGN AND CODE CRITERIA

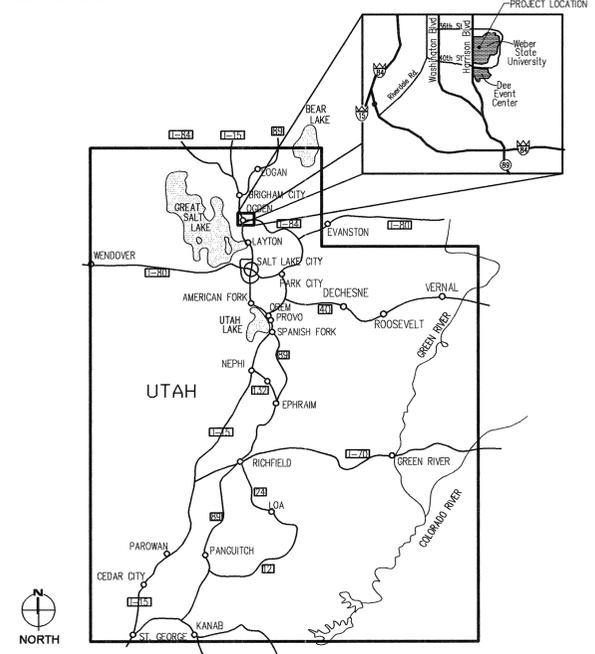
APPLICABLE CODES			
	Year		Year
International Building Code	2006	National Electrical Code	2006
International Mechanical Code	2006	Uniform Code for Building Conservation	N/A
International Plumbing Code	N/A	Building Conservation Guidelines	N/A
International Fire Code	2006	ADA Accessibility	N/A
Conservation Code	N/A		

- A. Occupancy and Group: B  
Change in Use: Yes NO No NO Mixed Occupancy: Yes NO No X  
Special Use and Occupancy (e.g. High Rise, Covered Mall): NO
- B. Seismic Design Category: N/A Design Wind Speed: N/A mph
- C. Type of Construction (circle one):  
 I  II  III  IV  V  VI
- 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: NO Nonseparated Uses: NO
- F. Sprinklers:  
Required: NO Provided: YES Type of Sprinkler System: WET PIPE
- G. Number of Stories: 3 Building Height: N/A
- H. Actual Area per Floor (square feet): 42,490 SQ. FT.
- I. Tabular Area: UNLIMITED
- J. Area Modifications:  
$$A_a = A_1 + \left[ \frac{A_1 I_1}{100} + \frac{A_1 I_2}{100} \right] I_r = 100 \left[ \frac{F}{P} - 0.25 \right] \frac{W}{30}$$
- b) Sum of the Ratio Calculations for Mixed Occupancies:  
Actual Area ≤ Allowable Area
- c) Total Allowable Area for:  
1) One Story: NO  
2) Two Story: A<sub>a</sub>(2)  
3) Three Story: A<sub>a</sub>(3)
- d) Unlimited Area Building: Yes NO No X Code Section: N/A
- K. Fire Resistance Rating Requirements for Building Elements (hours):
- | Element                    | Hours | Assembly Listing | Element                    | Hours | Assembly Listing |
|----------------------------|-------|------------------|----------------------------|-------|------------------|
| Exterior Bearing Walls     | 0     | -                | 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: XX  
Exit Width Required: XX Exit Width Provided: XX
- M. Minimum Number of Required Plumbing Facilities:  
a) Water Closets - Required (m) XX (f) XX Provided (m) X (f) X  
b) Lavatories - Required (m) XX (f) XX Provided (m) X (f) X  
c) Bath Tubs or Showers: XX  
d) Drinking Fountains: XX Service Sinks: XX

## LIST OF DRAWINGS

GENERAL	
A-G1000	COVER SHEET
A-G1001	ARCHITECTURAL ABBREVIATIONS, VICINITY MAP AND CODE ANALYSIS
ARCHITECTURAL	
A-SP100	SITE PLAN
A-PP100	CONSTRUCTION PHASING PLAN
A-DP100	PHASE 1 DEMOLITION FLOOR AND CEILING PLAN
A-PP100	PHASE 2 NEW FLOOR AND CEILING PLAN
A-DP101	PHASE 2 DEMOLITION FLOOR AND CEILING PLAN
A-PP101	PHASE 2 NEW FLOOR AND CEILING PLAN
A-DT500	DOOR AND FINISH SCHEDULES, DOOR, CEILING, WALL AND ADA RAMP DETAILS
A-DT501	NEW AND EXISTING KIOSK SECTIONS AND ADA COUNTER SECTIONS
MECHANICAL	
M-100	PHASE 2 MECHANICAL FLOOR PLAN
M-200	MECHANICAL SCHEDULES AND DETAILS
ELECTRICAL	
E-GE001	ELECTRICAL SYMBOLS AND SCHEDULES
E-GE002	ELECTRICAL SYMBOLS AND LIGHT FIXTURE SCHEDULES
E-DP100	PHASE 1 DEMOLITION PLANS
E-DP101	PHASE 2 DEMOLITION PLANS
E-EE100	OVERALL ELECTRICAL PLANS
E-EP100	PHASE 1 ELECTRICAL PLANS
E-EP101	PHASE 2 ELECTRICAL PLANS
E-GE501	DETAILS

## VICINITY MAP



architecture  planning  design   
**BUILDING NAME:**  
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ADMINISTRATION BUILDING  
STUDENT SERVICES  
FIRST FLOOR REMODEL  
OGDEN, UTAH

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**PHASE I AND II  
CONSTRUCTION DOCUMENTS**

MARK	DATE	DESCRIPTION

ISSUE TYPE: Construction Documents

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CAD DWG FILE:

DRAWN BY: BRIAN AND SCOTT

CHK'D BY: SCOTT

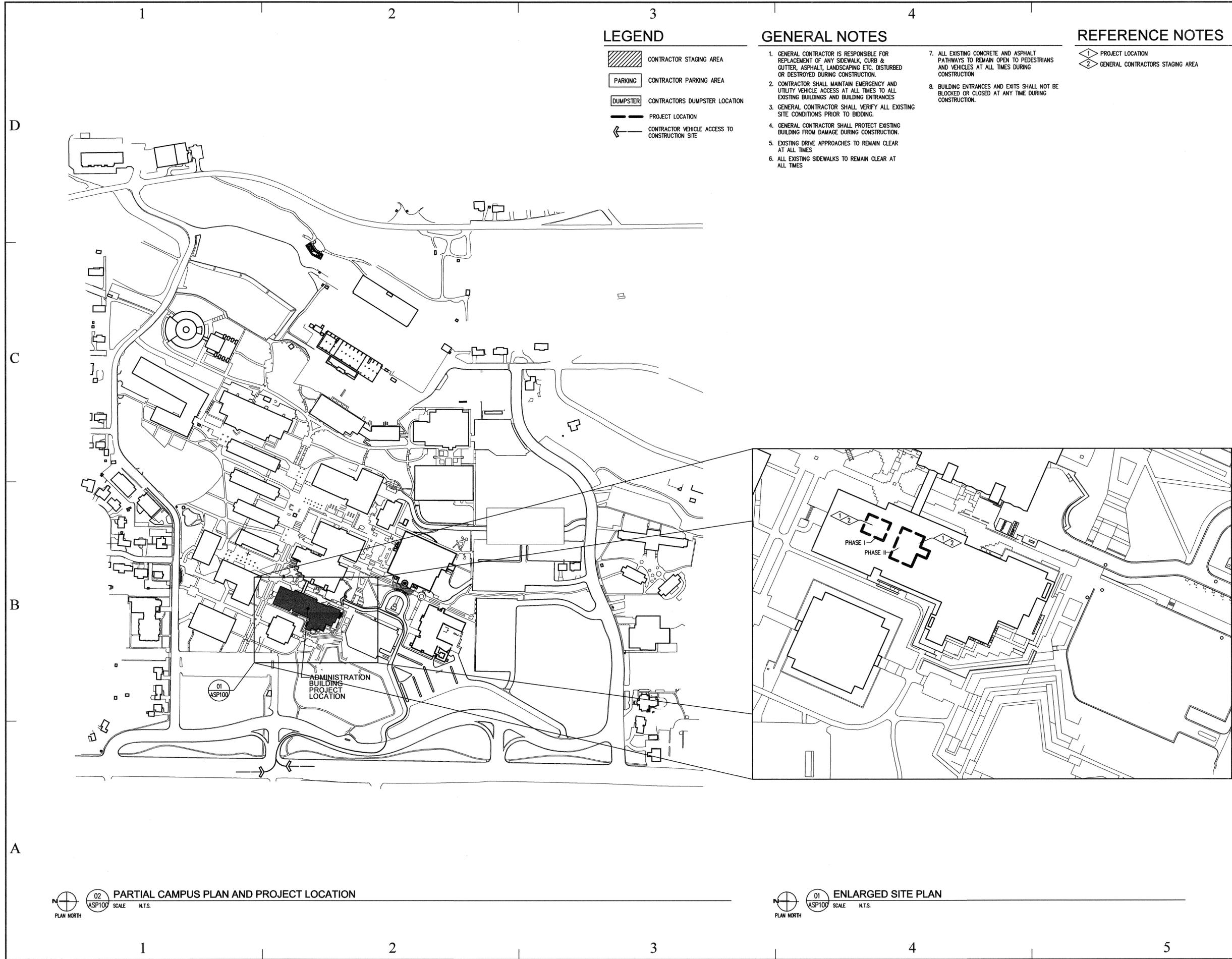
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SHEET TITLE

SHEET NUMBER

**A-G1001**

- FOOTNOTES:  
1) In case of conflict with the U.S. Department of Justice Federal Registers Parts I 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.



**LEGEND**

- CONTRACTOR STAGING AREA
- CONTRACTOR PARKING AREA
- CONTRACTORS DUMPSTER LOCATION
- PROJECT LOCATION
- CONTRACTOR VEHICLE ACCESS TO CONSTRUCTION SITE

**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 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.
8. BUILDING ENTRANCES AND EXITS SHALL NOT BE BLOCKED OR CLOSED AT ANY TIME DURING CONSTRUCTION.

**REFERENCE NOTES**

- PROJECT LOCATION
- GENERAL CONTRACTORS STAGING AREA

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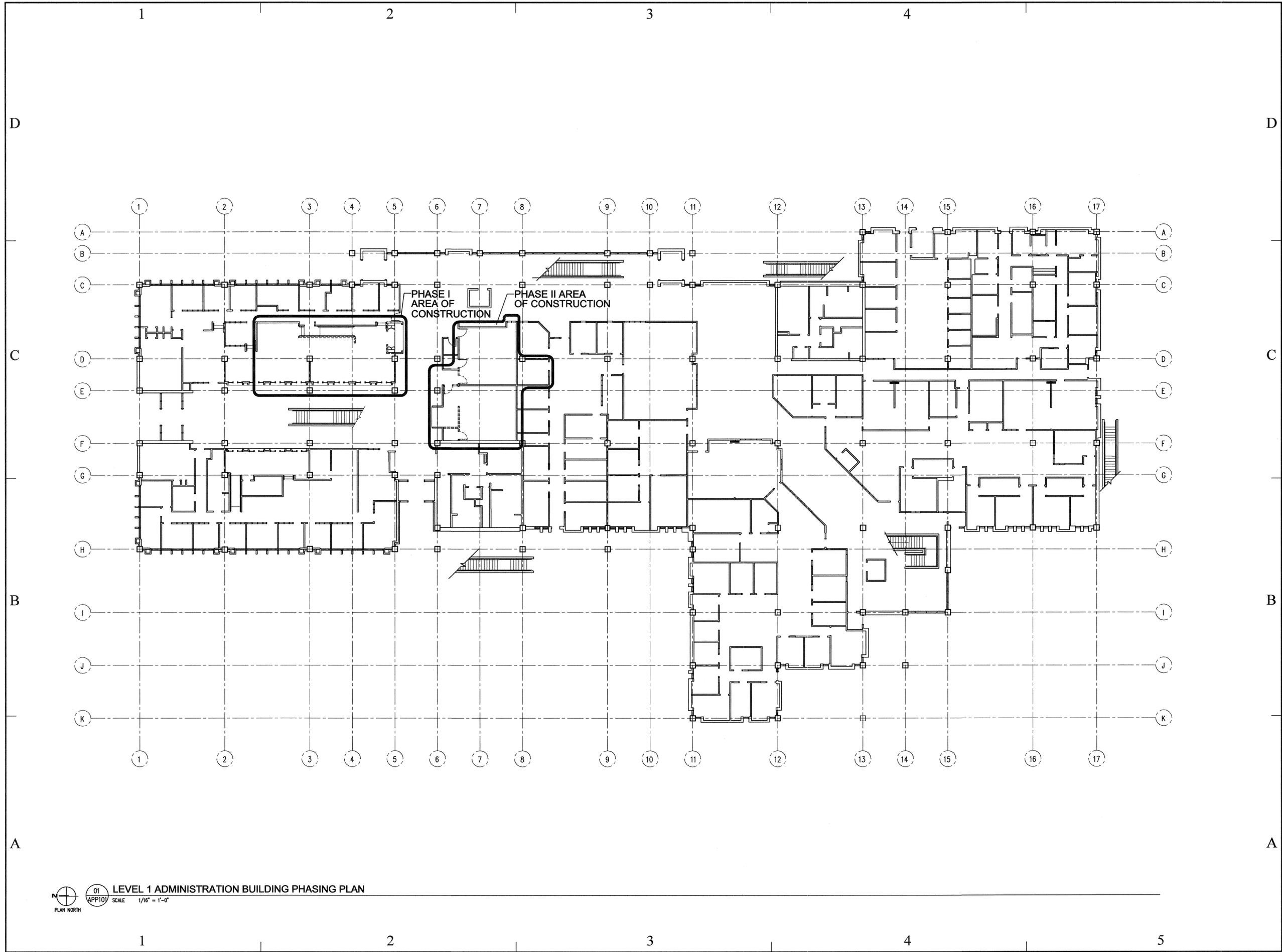
**SITE PLAN**

SHEET NUMBER

**A-SP100**

**02 PARTIAL CAMPUS PLAN AND PROJECT LOCATION**  
SCALE: N.T.S.

**01 ENLARGED SITE PLAN**  
SCALE: N.T.S.

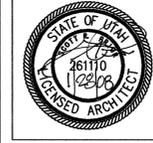


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**CONSTRUCTION  
 PHASING PLAN**

SHEET NUMBER

**A-PP100**

01 LEVEL 1 ADMINISTRATION BUILDING PHASING PLAN  
 APP101 SCALE 1/16" = 1'-0"  
 PLAN NORTH

1

### REFERENCE NOTES

- ◇ EXISTING OVERHEAD DOORS, DOOR TRACKS, DOOR SWITCHES AND OVERHEAD DOOR MOTORS ETC. TO BE REMOVED AND RETURNED TO OWNER. SEE ELECTRICAL DRAWINGS.
- ◇ EXISTING AREA OF CEILING NOT TO BE DISTURBED.

2

### LEGEND

- ⊗ ER—EXISTING EXIT SIGN TO BE REMOVED AND RELOCATED AS PER NEW CEILING PLAN, SEE ELECTRICAL DRAWINGS
- SD○—EXISTING SMOKE DETECTOR LOCATION. RELOCATE AS PER ELECTRICAL DRAWINGS.
- FS—EXISTING FIRE SPRINKLER HEAD LOCATION. SEE PLUMBING PERFORMANCE SPECIFICATION FOR NEW HEAD LOCATION REQUIREMENTS.
- RR○—EXISTING RECESSED CAN LIGHT FIXTURE TO BE REMOVED AND REUSED OR RETURNED TO OWNER SEE NEW CEILING PLAN, SEE ELECTRICAL DRAWINGS
- R○—EXISTING RECESSED CAN LIGHT FIXTURE TO REMAIN UNDISTURBED SEE NEW CEILING PLAN, SEE ELECTRICAL DRAWINGS
- 2x—2'x2' CEILING ACCESS DOOR TO BE REMOVED AND RETURNED TO OWNER.

HATCH PATTERN IN AREAS OF CEILING PLAN INDICATES EXISTING GYPSUM BOARD CEILING AND FRAMING, AS SHOWN ON EXISTING SECTION DRAWING, TO BE REMOVED.

3

### REFERENCE NOTES

- ◇ EXISTING CARPET AND RUBBER FLOOR BASE TO BE REMOVED AS NEEDED TO PERFORM WORK AS DESCRIBED.
- ◇ EXISTING CORRIDOR TO REMAIN CLEAR AT ALL TIMES
- ◇ DASHED LINE INDICATES LOCATION WHERE GENERAL CONTRACTOR SHALL REMOVE EXISTING GYPSUM BOARD AND METAL STUDS WALLS.
- ◇ EXISTING UPPER CABINET CASEWORK TO BE RELOCATED. SEE NEW FLOOR PLAN, SECTIONS AND REFLECTED CEILING PLANS.
- ◇ EXISTING METAL HAND RAILING TO BE REMOVED AND RECONFIGURED TO AS SHOWN IN NEW FLOOR PLAN.
- ◇ GENERAL CONTRACTOR SHALL CUT EXISTING COUNTER TOP BACK TO DISTANCE AS SHOWN. EXISTING BASE CABINETS TO BE REMOVED AND RETURNED TO OWNER. GENERAL CONTRACTOR SHALL REINSTALL EXISTING COUNTERTOP EDGE TREATMENT TO CREATE A "LIKE NEW" APPEARANCE. GENERAL CONTRACTOR SHALL REINSTALL END SUPPORT PANELS AS REQUIRED FOR COUNTERTOP SUPPORT.
- ◇ EXISTING WOOD WALL CAP TO BE REMOVED FOR INSTALLATION ON NEW WALL, SEE NEW FLOOR PLAN.
- ◇ EXISTING BASE CABINETS AND COUNTERTOPS TO BE REMOVED AS NEEDED TO FOR NEW CONSTRUCTION, SEE EXISTING CASEWORK SECTION.
- ◇ EXISTING KIOSKS COUNTER TOP TO REMAIN. GENERAL CONTRACTOR SHALL CUT COUNTER TOP AS REQUIRED FOR NEW CONSTRUCTION, SEE SECTIONS.
- ◇ EXISTING OVERHEAD DOORS, DOOR TRACKS, DOOR SWITCHES AND OVERHEAD DOOR MOTORS ETC. TO BE REMOVED AND RETURNED TO OWNER. SEE ELECTRICAL DRAWINGS.

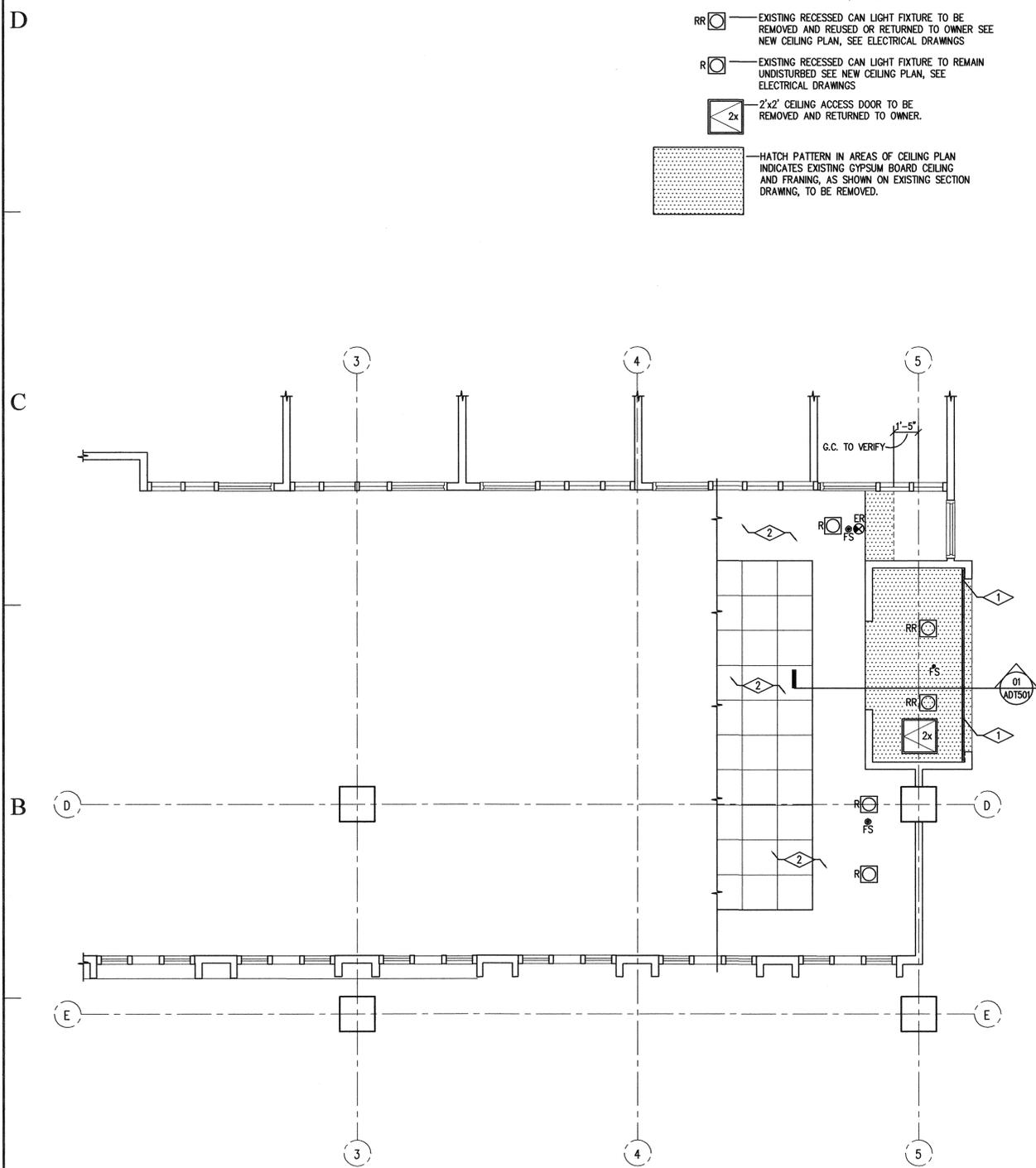
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### GENERAL NOTES

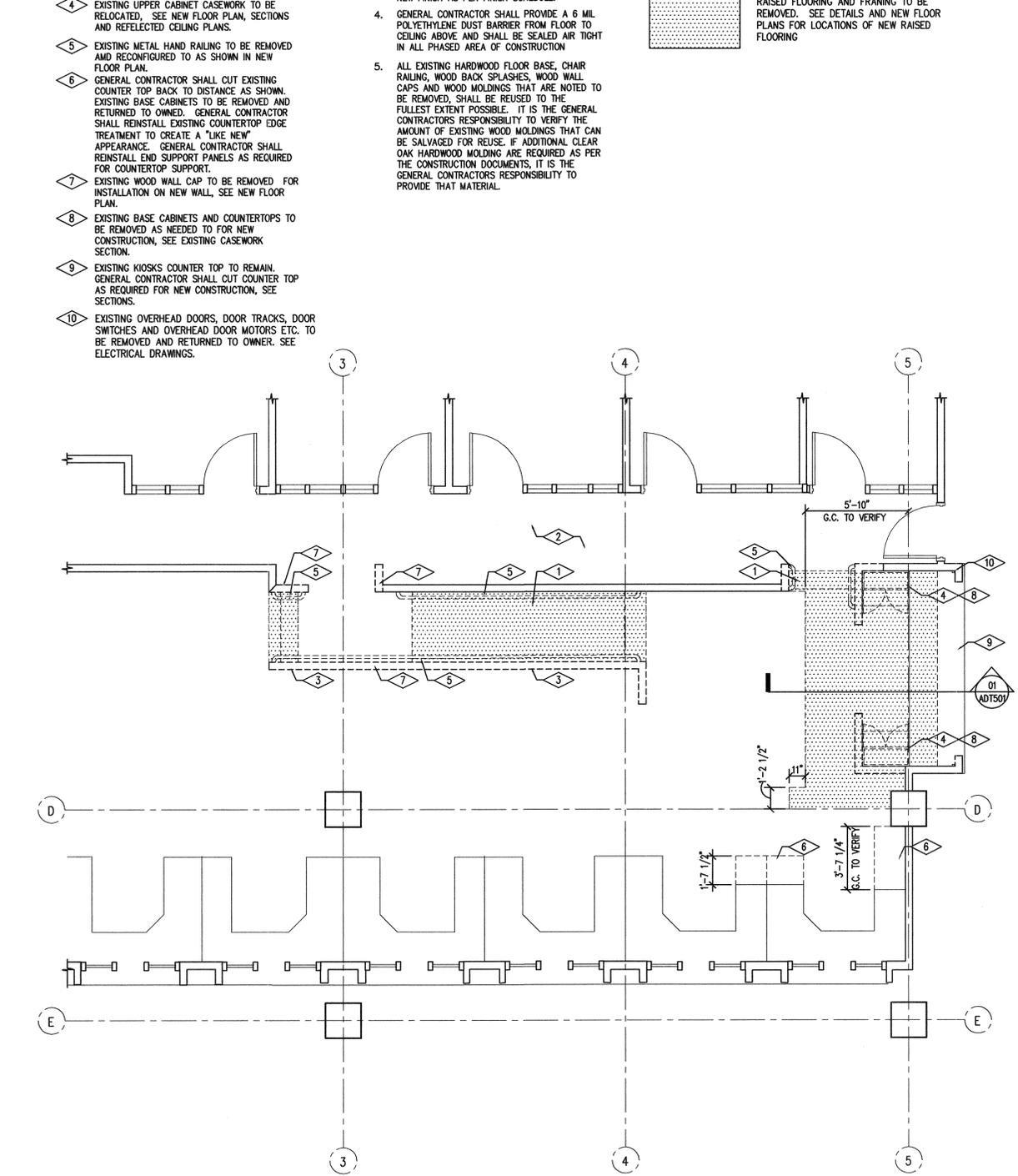
1. GENERAL CONTRACTOR SHALL REPLACE AND REPAIR ALL CONCRETE FLOORING DAMAGED DURING THE DEMOLITION AND CONSTRUCTION.
2. SEE ELECTRICAL & MECHANICAL DEMOLITION DRAWINGS & NOTES.
3. IN AREAS OF CONSTRUCTION WHERE WALLS ARE TO REMAIN, GENERAL CONTRACTOR SHALL PATCH AND REPAIR WALL SURFACE TO RECEIVE NEW 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
5. ALL EXISTING HARDWOOD FLOOR BASE, CHAIR RAILING, WOOD BACK SPLASHES, WOOD WALL CAPS AND WOOD MOLDINGS THAT ARE NOTED TO BE REMOVED, SHALL BE REUSED TO THE FULLEST EXTENT POSSIBLE. IT IS THE GENERAL CONTRACTORS RESPONSIBILITY TO VERIFY THE AMOUNT OF EXISTING WOOD MOLDINGS THAT CAN BE SALVAGED FOR REUSE. IF ADDITIONAL CLEAR OAK HARDWOOD MOLDING ARE REQUIRED AS PER THE CONSTRUCTION DOCUMENTS, IT IS THE GENERAL CONTRACTORS RESPONSIBILITY TO PROVIDE THAT MATERIAL.

### LEGEND

- DASHED DOOR LINES INDICATE EXISTING DOOR AND FRAME TO BE REMOVED
- DASHED LINES INDICATE EXISTING WALLS TO BE REMOVED.
- ▨ HATCH PATTERN INDICATES AREA OF EXISTING RAISED FLOORING AND FRAMING TO BE REMOVED. SEE DETAILS AND NEW FLOOR PLANS FOR LOCATIONS OF NEW RAISED FLOORING



02 PHASE 1 DEMOLITION CEILING PLAN  
 ADP100 SCALE 1/8" = 1'-0"  
 PLAN NORTH



01 PHASE 1 DEMOLITION FLOOR PLAN  
 ADP100 SCALE 1/8" = 1'-0"  
 PLAN NORTH

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**PHASE 1  
 DEMOLITION FLOOR  
 AND CEILING PLANS**

SHEET NUMBER

# A-DP100

**1 REFERENCE NOTES**

- ① GENERAL CONTRACTOR SHALL PAINT GYPSUM BOARD SOFFIT TO MATCH EXISTING.
- ② RELOCATED WALL CABINETS.

**GENERAL NOTES**

- 1. NONE

**LEGEND**

- ROOM NUMBER
- CEILING HEIGHT
- CEILING TYPE
- N — NEW EXIT SIGN, SEE ELECTRICAL DRAWINGS.
- EXISTING 2x4 LAY-IN CEILING FLUORESCENT LIGHT FIXTURE TO BE CLEANED AND RELOCATED AS PER NEW REFLECTED CEILING PLAN, SEE ELECTRICAL DRAWINGS.
- EXISTING 2x2 LAY-IN CEILING FLUORESCENT LIGHT FIXTURE TO BE CLEANED AND RELOCATED AS PER NEW REFLECTED CEILING PLAN, SEE ELECTRICAL DRAWINGS.
- RELOCATED EXISTING MECHANICAL SUPPLY AND RETURN AIR DIFFUSERS. IN AREAS WHERE CEILING TILE AND SUSPENSION CEILING SYSTEM IS BEING REMOVED, THE GENERAL CONTRACTOR SHALL REMOVE, CLEAN AND RELOCATE EXISTING DIFFUSERS AS PER MECHANICAL DRAWINGS. SEE MECHANICAL DRAWINGS FOR NEW DUCT WORK AND DIFFUSER LOCATIONS.
- HATCH PATTERN IN AREAS OF CEILING PLAN INDICATES NEW GYPSUM BOARD CEILING AND FRAMING. NEW CEILING TO MATCH HEIGHT OF EXISTING GYPSUM BOARD CEILING SYSTEM.
- EXISTING SMOKE DETECTOR LOCATION. RELOCATE AS PER ELECTRICAL DRAWINGS.
- NEW TRACK LIGHT FIXTURE, SEE ELECTRICAL DRAWINGS.
- RELOCATED EXISTING RECESSED CAN LIGHT FIXTURE SEE NEW CEILING PLAN, SEE ELECTRICAL DRAWINGS.
- EXISTING RECESSED CAN LIGHT FIXTURE TO REMAIN UNDISTURBED SEE NEW CEILING PLAN, SEE ELECTRICAL DRAWINGS.
- EXISTING FIRE SPRINKLER HEAD LOCATION. SEE PLUMBING PERFORMANCE SPECIFICATION FOR NEW HEAD LOCATION REQUIREMENTS.

**REFERENCE NOTES**

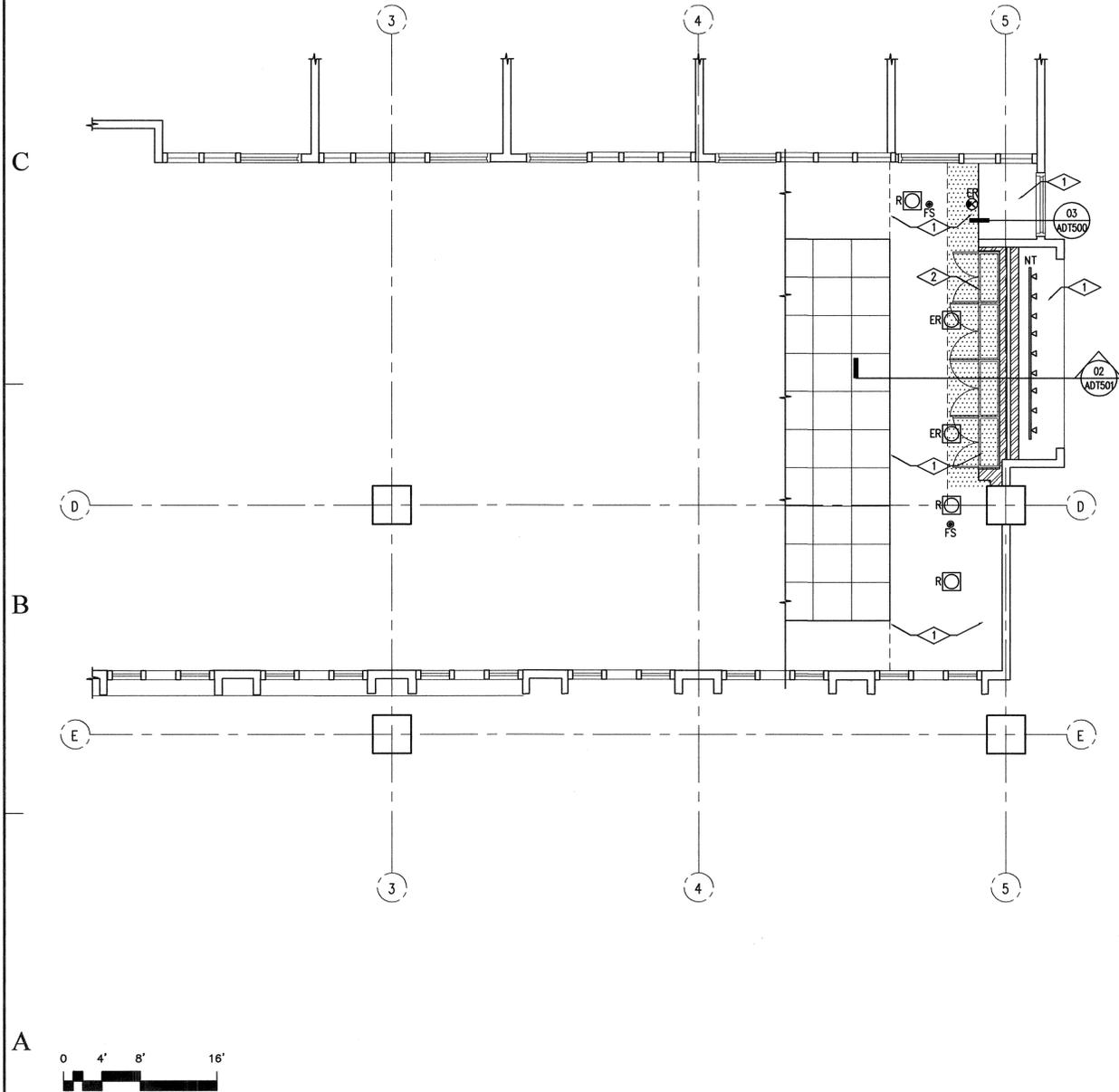
- ① NEW GYPSUM BOARD WALL WITH WOOD WALL CAP. SEE SECTION.
- ② NEW KIOSKS, SEE SECTIONS AND ELECTRICAL DRAWINGS.
- ③ PAINT GYPSUM BOARD WALLS THIS LOCATION TO MATCH EXISTING, SEE SPECIFICATION.
- ④ PROVIDE NEW WOOD WALL CAP AT NEW WALL LOCATIONS, WOOD WALL CAP TO MATCH EXISTING, SEE SECTIONS.
- ⑤ NEW ADA ACCESS RAMP LOCATION, SEE SECTION.
- ⑥ GENERAL CONTRACTOR SHALL MODIFY EXISTING HANDRAILINGS THAT WERE REMOVED IN DEMOLITION PHASE OF WORK FOR NEW ADA RAMP.
- ⑦ CASEWORK TO BE LOCATED IN NEW WALL, SEE SECTIONS.
- ⑧ PAINT GYPSUM BOARD WALLS THIS LOCATION TO MATCH EXISTING, SEE SPECIFICATION. PROVIDE NEW 3/4"x4" CLEAR OAK BACKSLASH AT NEW KIOSKS COUNTER, SEE SECTION.
- ⑨ 5'-0" DIA. ADA TURNING RAIDUS
- ⑩ SEE KIOSK SECTION TO SEE WALL CONFIGURATION.

**GENERAL NOTES**

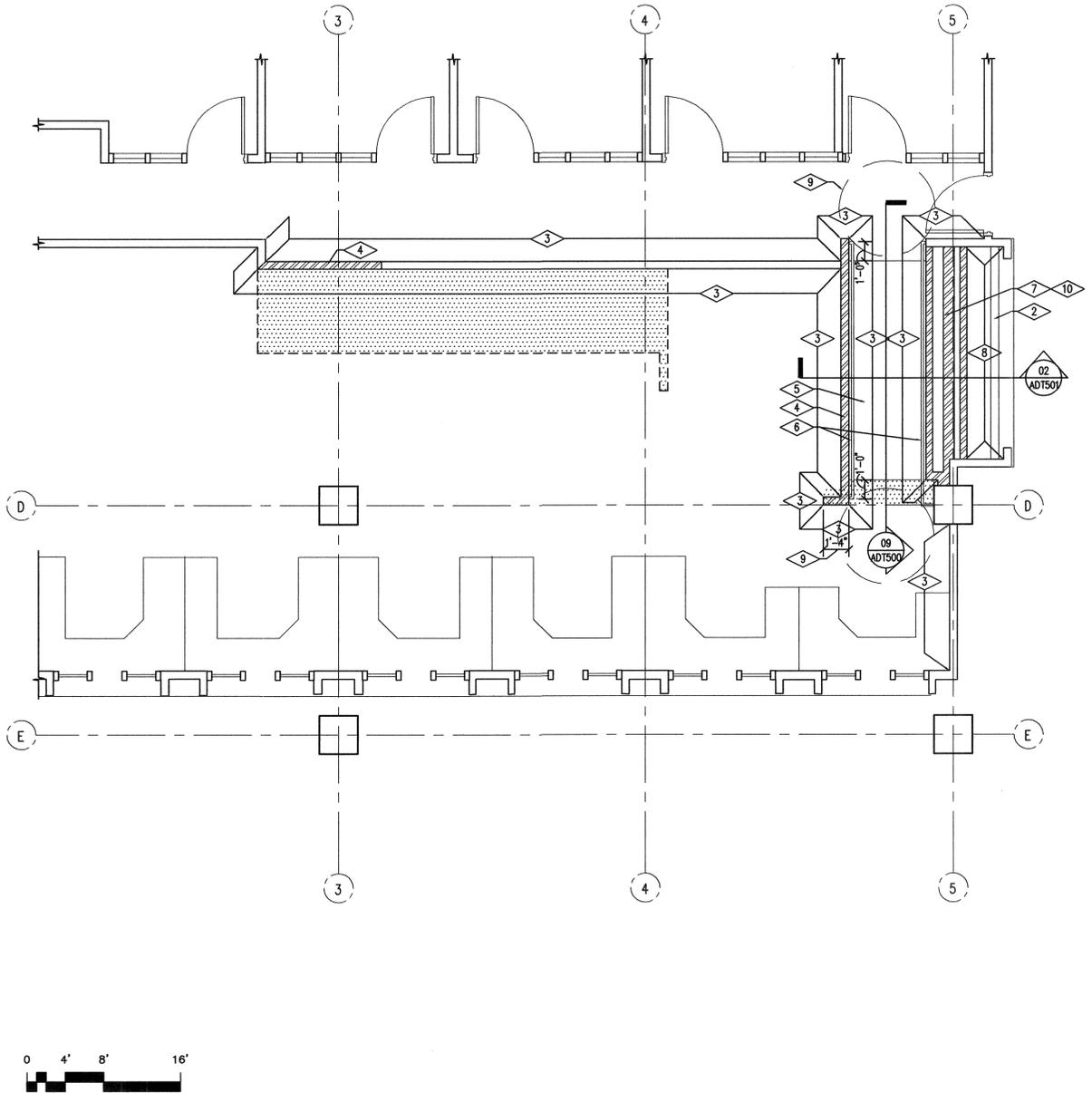
- 1. GENERAL CONTRACTOR SHALL REPLACE AND REPAIR ALL CONCRETE FLOORING DAMAGED DURING THE DEMOLITION AND CONSTRUCTION.
- 2. SEE ELECTRICAL & MECHANICAL DEMOLITION DRAWINGS & NOTES.
- 3. GENERAL CONTRACTOR SHALL PATCH AND REPAIR ALL EXISTING INTERIOR GYPSUM BOARD WALL SURFACES THAT ARE NOTED TO RECEIVE 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 CEILING OR CONCRETE 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 REMOVE ALL DUST, CLEAN DOORS AND FRAMES, LIGHT FIXTURES, CEILING SYSTEMS, MECHANICAL GRILLS, ELECTRICAL PANELS, WINDOW SYSTEMS AND GLAZING ETC.
- 6. ALL EXISTING HARDWOOD FLOOR BASE, CHAIR RAILING, WOOD BACK SPLASHES, WOOD WALL CAPS AND WOOD MOLDINGS THAT ARE NOTED TO BE REMOVED, SHALL BE REUSED TO THE FULLEST EXTENT POSSIBLE. IT IS THE GENERAL CONTRACTORS RESPONSIBILITY TO VERIFY THE AMOUNT OF EXISTING WOOD MOLDINGS THAT CAN BE SALVAGED FOR REUSE. IF ADDITIONAL CLEAR OAK HARDWOOD MOLDING ARE REQUIRED AS PER THE CONSTRUCTION DOCUMENTS, IT IS THE GENERAL CONTRACTORS RESPONSIBILITY TO PROVIDE THAT MATERIAL.

**LEGEND**

- HATCH PATTERN INDICATES AREA WHERE GENERAL CONTRACTOR SHALL PROVIDE NEW RAISED FLOORING AND FRAMING. SEE RAISED FLOOR DETAILS.



**PHASE 1 NEW CEILING PLAN**  
SCALE 1/8" = 1'-0"  
AFF100



**PHASE 1 NEW FLOOR PLAN**  
SCALE 1/8" = 1'-0"  
AFF100



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architecture | planning | design

**BUILDING NAME:**  
WEBER STATE UNIVERSITY  
ADMINISTRATION BUILDING  
STUDENT SERVICES  
FIRST FLOOR REMODEL  
OGDEN, UTAH

**PROJECT TITLE:**  
ADMINISTRATION BUILDING  
STUDENT SERVICES  
FIRST FLOOR REMODEL

**PHASE I AND II  
CONSTRUCTION DOCUMENTS**

MARK	DATE	DESCRIPTION
ISSUE TYPE: Construction Documents		

ISSUE DATE: January 28th, 2008

DFCM PROJECT NO: 07349810  
CAD PROJECT NO:  
CAD DWG FILE:  
DRAWN BY: BRIAN AND SCOTT  
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**PHASE 1 NEW  
FLOOR AND CEILING  
PLANS**

SHEET NUMBER  
**A-FP100**

1

2

3

4

5

### LEGEND

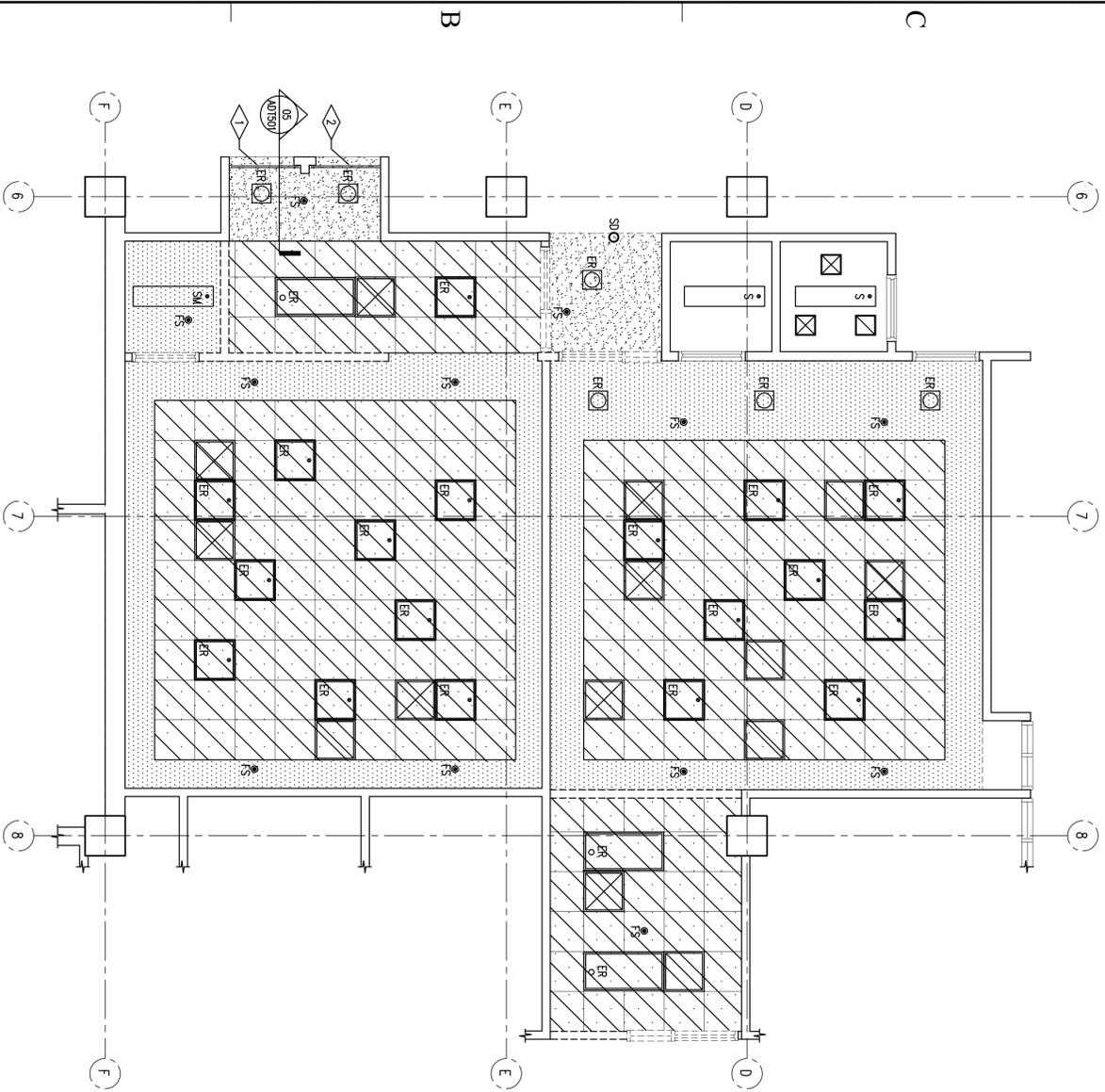
- EXISTING EXIT SIGN, TO REMAIN UNDISTURBED.
- EXISTING 2x4 LAY-IN CEILING FLUORESCENT LIGHT FIXTURE TO BE REMOVED AND RELOCATED AS PER NEW RELECTED CEILING PLAN
- EXISTING SMOKE DETECTOR LOCATION. RELOCATE AS PER ELECTRICAL DRAWINGS.
- EXISTING MECHANICAL SUPPLY AND RETURN AIR DIFFUSERS, DELETES WHERE CEILING BEAMS AND THE GENERAL CONTRACTOR SHALL REMOVE, CLEAN AND RELOCATE EXISTING DIFFUSERS AS PER MECHANICAL DRAWINGS. SEE MECHANICAL DRAWINGS FOR NEW DUCT WORK AND DIFFUSER LOCATIONS
- EXISTING FIRE SPRINKLER HEAD LOCATION. SEE PLUMBING PERFORMANCE SPECIFICATION FOR NEW HEAD LOCATION REQUIREMENTS.
- 1x4' SURFACE MOUNTED LIGHT FIXTURE TO REMAIN UNDISTURBED
- 1x4' SURFACE MOUNTED LIGHT FIXTURE TO BE REMOVED AND RETURNED TO OWNER, SEE ELECTRICAL DRAWINGS.
- EXISTING RECESSED CAN LIGHT FIXTURE TO BE REMOVED AND RETURNED TO OWNER, SEE NEW CEILING PLAN, SEE ELECTRICAL DRAWINGS.
- EXISTING 2x2 LAY-IN CEILING FLUORESCENT LIGHT FIXTURE TO BE REMOVED AND RELOCATED AS PER NEW RELECTED CEILING PLAN
- HATCH PATTERN IN AREAS OF CEILING PLAN INDICATES EXISTING LAY-IN CEILING TILES AND CEILING GRID SYSTEM TO BE REMOVED. GENERAL CONTRACTOR SHALL SAVE AND REUSE, AS MANY OF THE EXISTING CEILING TILE AS POSSIBLE.
- HATCH PATTERN IN AREAS OF CEILING PLAN INDICATES EXISTING GYPSUM BOARD CEILING AND FRAMING TO BE REMOVED.

### REFERENCE NOTES

1. EXISTING OVERHEAD DOORS, DOOR TRACKS, DOOR SPRINGS AND OVERHEAD DOOR MOTORS ETC. TO BE REMOVED AND RETURNED TO OWNER.
2. GENERAL CONTRACTOR SHALL REMOVE EXISTING FRAMING AND GYPSUM BOARDS NECESSARY TO REMOVE EXISTING O.H. DOORS.

### GENERAL NOTES

1. FIRE SPRINKLER CONTRACTOR TO SUBMIT COORDINATE AND SPRINKLER HEAD LOCATION DRAWINGS TO ARCHITECT AND PROJECT MANAGER PRIOR TO RELOCATING FIRE SPRINKLER HEADS.



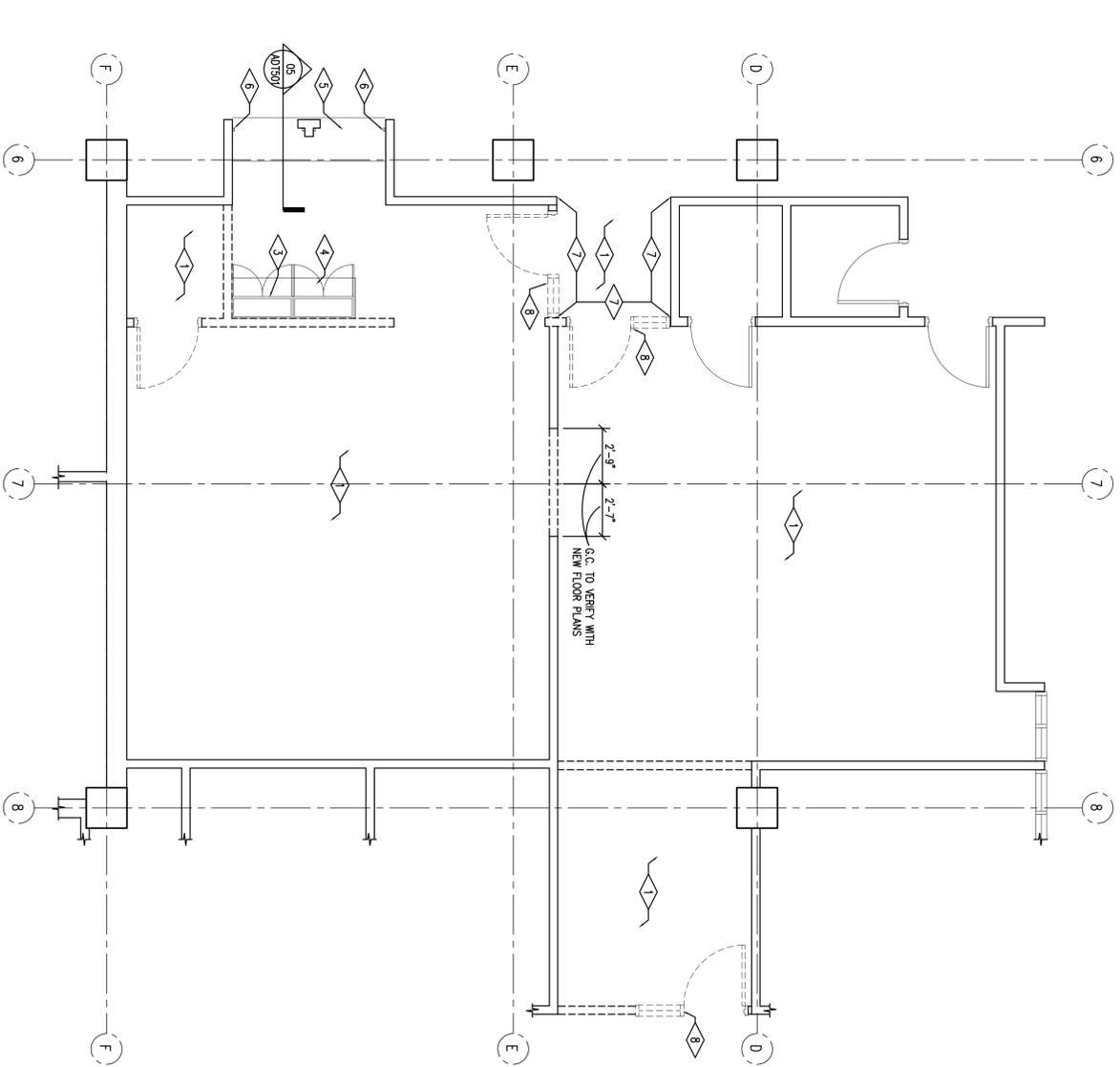
PHASE 2 DEMOLITION CEILING PLAN  
 SCALE 1/8" = 1'-0"  
 PLAN NORTH

### REFERENCE NOTES

1. EXISTING CARPET AND RUBBER FLOOR BASE TO BE REMOVED AS NEEDED TO PERFORM WORK AS DESCRIBED.
2. DASHED LINE INDICATES LOCATION WHERE EXISTING GYPSUM BOARD AND METAL STUDS WALLS BE RELOCATED AS PART OF PHASE I CONSTRUCTION. SEE PHASE I NEW FLOOR PLAN, SECTIONS AND RELECTED CEILING PLANS.
3. EXISTING BASE CABINETS AND COUNTERTOPS TO BE REMOVED AND RETURNED TO OWNER.
4. EXISTING KOSSES COUNTER TOP TO REMAIN. SEE ELECTRICAL DRAWINGS FOR RELOCATION. SEE SECTIONS.
5. EXISTING OVERHEAD DOORS, DOOR TRACKS, DOOR SPRINGS AND OVERHEAD DOOR MOTORS ETC. TO BE REMOVED AND RETURNED TO OWNER. SEE ELECTRICAL DRAWINGS.
6. EXISTING WOOD CHAIR RAILING AND WALL BASE TO BE REUSED FOR NEW CONSTRUCTION.
7. EXISTING H.M. DOOR AND WINDOW FRAME TO BE REMOVED AND RETURNED TO OWNER.
8. EXISTING H.M. DOOR AND WINDOW FRAME TO BE REMOVED AND RETURNED TO OWNER.

### GENERAL NOTES

1. GENERAL CONTRACTOR SHALL REPAIR AND REUSE CONCRETE FLOORING DAMAGED DURING THE DEMOLITION AND CONSTRUCTION. SET ELECTRICAL & MECHANICAL DEMOLITION DRAWINGS & NOTES.
2. IN AREAS OF CONSTRUCTION WHERE WALLS ARE PATCHED AND REPAIR WALL SURFACE TO RECEIVE NEW FINISH AS PER FINISH SCHEDULE.
3. POLYETHYLENE DUST BARRIER FROM FLOOR TO CEILING ABOVE AND SHALL BE SEALED AIR TIGHT IN ALL PHASED AREA OF CONSTRUCTION.
4. ALL EXISTING HARDWOOD FLOOR BASE, CHAIR RAILING, WOOD BACK SPLASHES, WOOD WALL CAPS AND WOOD MOLDINGS THAT ARE NOTED TO BE REMOVED SHALL BE RETURNED TO THE GENERAL CONTRACTOR RESPONSIBILITY TO KEEP THE AMOUNT OF EXISTING WOOD MOLDINGS THAT CAN BE SALVAGED FOR REUSE. IF ADDITIONAL CLEAR OAK HARDWOOD MOLDING ARE REQUIRED AS PER THE CONSTRUCTION DOCUMENTS, IT IS THE OWNER'S RESPONSIBILITY TO PROVIDE THE MATERIAL.



PHASE 2 DEMOLITION FLOOR PLAN  
 SCALE 1/8" = 1'-0"  
 PLAN NORTH

### LEGEND

- DASHED DOOR LINES INDICATE EXISTING DOOR AND FRAME TO BE REMOVED
- DASHED LINES INDICATE EXISTING WALLS TO BE REMOVED.

## State of Utah

Department of Administrative Services

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architecture planning design

**BUILDING NAME:**  
 WEBER STATE UNIVERSITY  
 ADMINISTRATION BUILDING  
 STUDENT SERVICES  
 FIRST FLOOR REMODEL  
 OGDEN, UTAH

**PROJECT TITLE:**  
 ADMINISTRATION BUILDING  
 STUDENT SERVICES  
 FIRST FLOOR REMODEL  
 PHASE I AND II  
 CONSTRUCTION DOCUMENTS

MARK	DATE	DESCRIPTION

**ISSUE DATE:** January 28th, 2008  
**DCM PROJECT NO.:** 07349810  
**CAD PROJECT NO.:**  
**CAD DWG FILE:**  
**DRAWN BY:** BRIAN AND SCOTT  
**CHKD BY:** SCOTT  
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**SHEET TITLE**  
 PHASE 2  
 DEMOLITION FLOOR  
 AND CEILING PLANS

**SHEET NUMBER**  
 A-DP101







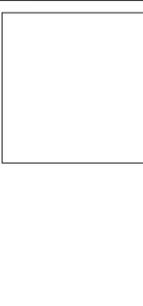
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**State of Utah**  
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**BUILDING NAME:**  
 WEBER STATE UNIVERSITY  
 ADMINISTRATION BUILDING  
 ADMISSIONS AREA REMODEL  
 OGDEN, UTAH

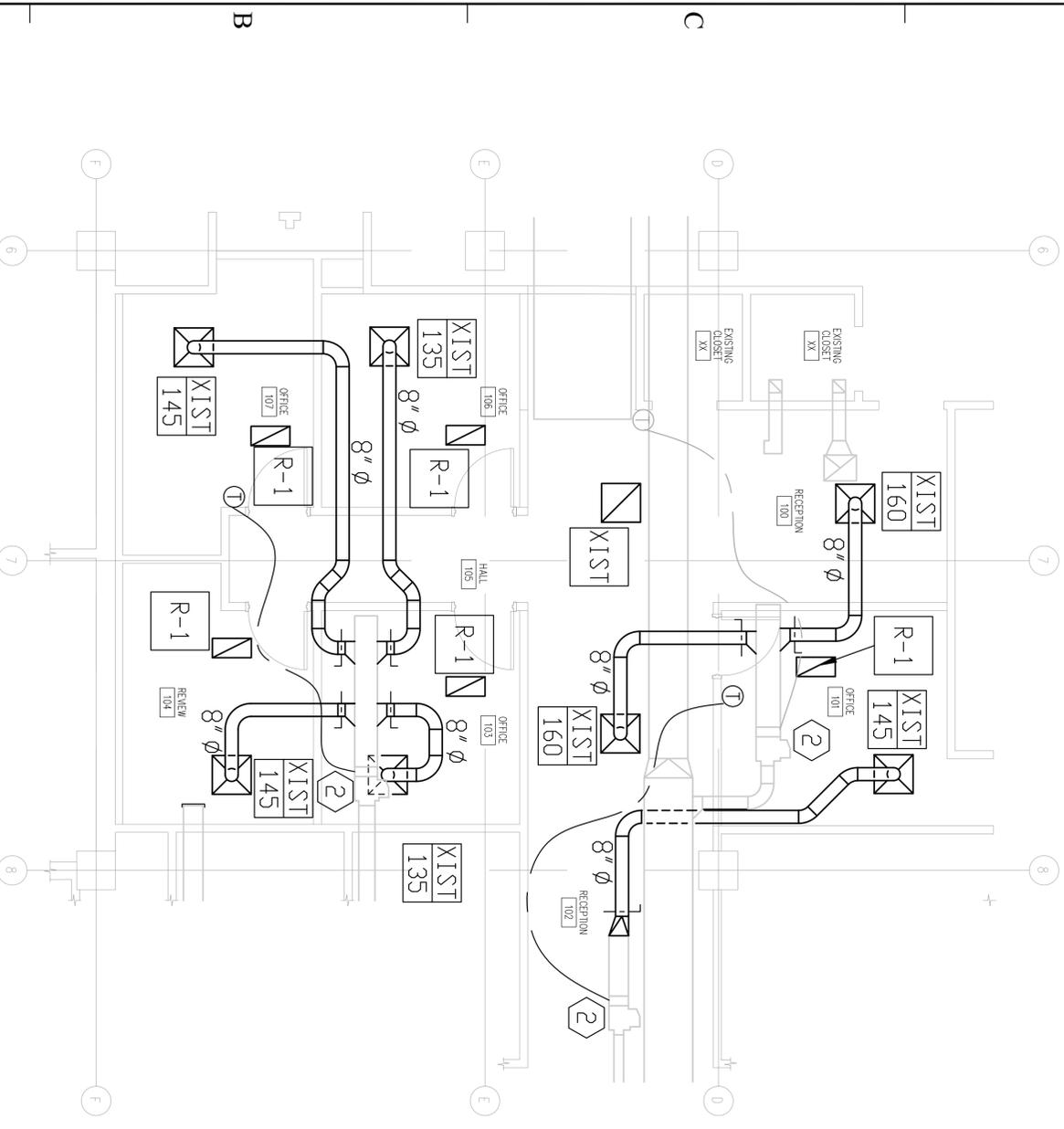
**PROJECT TITLE:**  
 ADMISSIONS AREA REMODEL  
 MAIN LEVEL  
 PHASE I AND II  
 CONSTRUCTION DOCUMENTS

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ISSUE DATE:	January 28th, 2008	
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CAD PROJECT NO:		
CAD DWG FILE:		
DRAWN BY:	MARK HALVERSON	
CHKD BY:		
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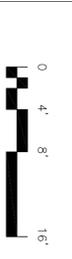
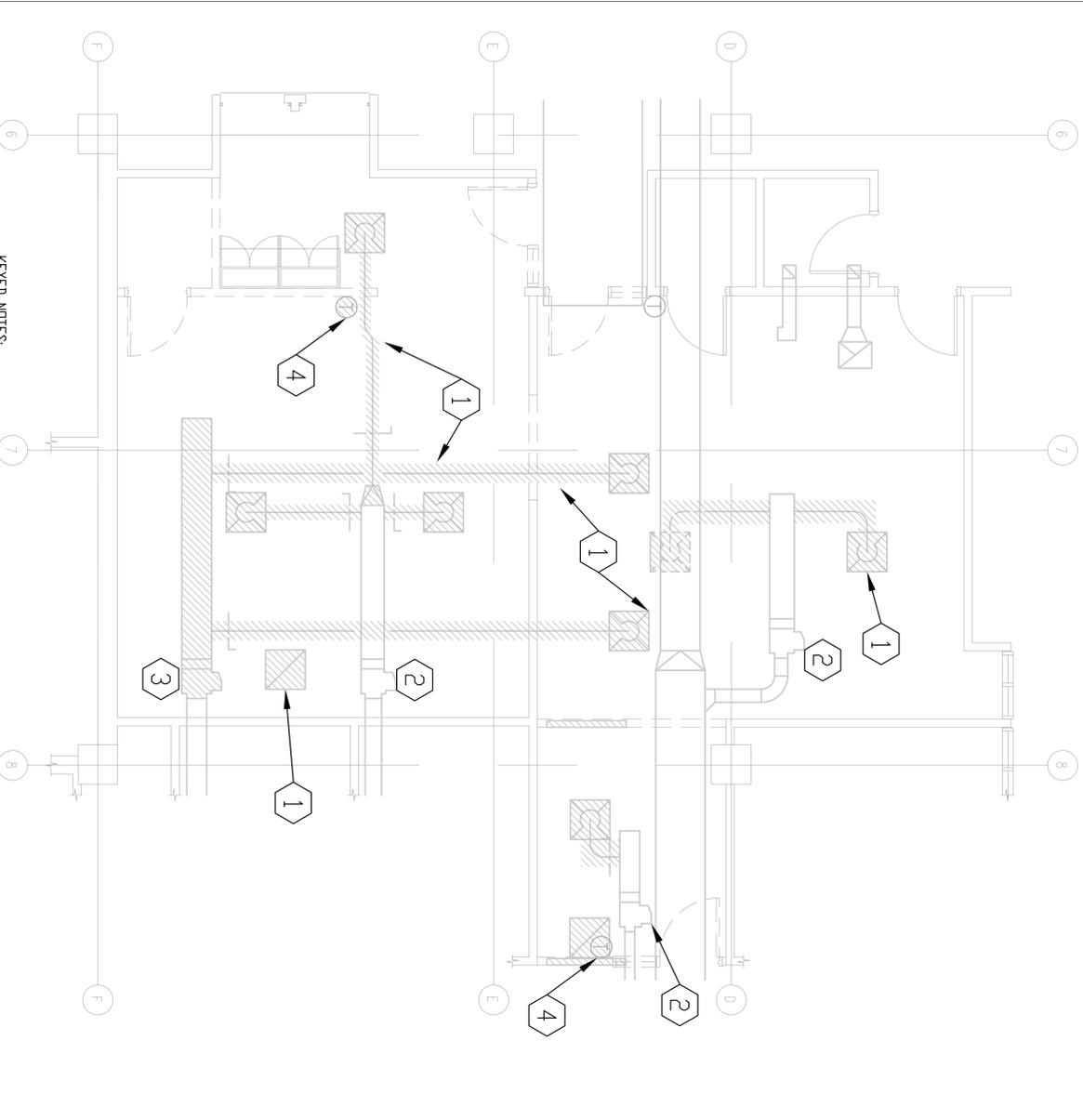
**PHASE 2  
 MECHANICAL PLANS**

SHEET NUMBER

**M-100**



**PHASE 2 NEW MECHANICAL PLAN**  
 WEP100 SCALE 1/4" = 1'-0"  
 PLAN NORTH



**PHASE 2 MECHANICAL DEMOLITION PLAN**  
 WEP100 SCALE 1/4" = 1'-0"  
 PLAN NORTH

**KEYED NOTES:**

- ① REMOVE EXISTING DUCTWORK, GRILLES, AND DIFFUSERS SHOWN HATCHED. EXISTING SUPPLY DIFFUSERS AND RETURN GRILLES TO CLEAN AND REINSTALLED IN THE NEW LOCATIONS SHOWN, CAP AND SEAL ALL EXISTING DUCTWORK OPENINGS.
- ② EXISTING VAV TERMINAL TO REMAIN.
- ③ EXISTING VAV TERMINAL TO BE REMOVED AND RETURNED TO OWNER. CAP DUCTWORK.
- ④ EXISTING TEMPERATURE SENSOR TO BE RELOCATED BY JOHNSON CONTROLS TO NEW LOCATION SHOWN. CONTACT JOE MORIN AT (801) 974-4542.
- ⑤ NEW LOCATION OF EXISTING SUPPLY GRILLE. PROVIDE TRANSITION FROM GRILLE NECK SIZE TO NEW DUCT AS REQUIRED.
- ⑥ NEW LOCATION OF EXISTING TEMPERATURE SENSOR. CONDUIT AND WALL BOX PROVIDED BY DIV 16. RUN NEW WIRING TO VAV AS REQUIRED TO RELOCATE.
- ⑦ MODIFY BUILDING CONTROL SYSTEM SETTINGS FOR EACH VAV TERMINAL TO NEW AIRFLOW SHOWN. COORDINATE WITH OWNER FOR MINIMUM FLOW RATES.



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.

SYMBOL	DESCRIPTION	MOUNTING	REMARKS
	ARM-MOUNTED SINGLE-HEAD LIGHT FIXTURE AND POLE	AS SPECIFIED OR DETAILED	
	ARM-MOUNTED DOUBLE-HEAD LIGHT FIXTURE AND POLE	AS SPECIFIED OR DETAILED	
	POST-TOP SINGLE-HEAD, LIGHT FIXTURE AND POLE	AS SPECIFIED OR DETAILED	
	HALL-MOUNTED FIXTURE	AS SPECIFIED OR DETAILED	REFER TO ARCHITECTURAL EXTERIOR ELEVATIONS FOR MOUNTING HEIGHT
	LIGHT BOLLARD	AS SPECIFIED OR DETAILED	
	FLOOD LIGHT	AS SPECIFIED OR DETAILED	
	RECESSED WALL FIXTURE OR STEP LIGHT	AS SPECIFIED OR DETAILED	REFER TO ARCHITECTURAL EXTERIOR ELEVATIONS FOR MOUNTING HEIGHT
	FLUORESCENT LIGHT FIXTURES	AS SPECIFIED OR DETAILED	
	PARABOLIC - LOUVERED LIGHT FIXTURES	AS SPECIFIED OR DETAILED	
	RECESSED INDIRECT FLUORESCENT LIGHT FIXTURES	AS SPECIFIED OR DETAILED	
	HALL-MOUNTED LINEAR FLUORESCENT LIGHT FIXTURE	AS SPECIFIED OR DETAILED	
	FLUORESCENT LINEAR WALL WASHER	AS SPECIFIED OR DETAILED	
	RECESSED DOWN LIGHT	AS SPECIFIED OR DETAILED	
	RECESSED WALL-WASHER OR DIRECTIONAL DOWNLIGHT	AS SPECIFIED OR DETAILED	IF SHOWN, ARROW INDICATES AIMING DIRECTION
	SURFACE OR PENDANT-MOUNTED LIGHT FIXTURE	AS SPECIFIED OR DETAILED	
	WALL-MOUNTED LIGHT FIXTURE	AS SPECIFIED OR DETAILED	REFER TO ARCHITECTURAL EXTERIOR ELEVATIONS FOR MOUNTING HEIGHT
	TRACK OR MONO-POINT LIGHT FIXTURE	AS SPECIFIED OR DETAILED	IF SHOWN, ARROW INDICATES AIMING DIRECTION
	WALL SCONCE	AS SPECIFIED OR DETAILED	
	FLUORESCENT EGRESS LIGHT FIXTURE	AS SPECIFIED OR DETAILED	THIS IS AN EXAMPLE OF AN EGRESS LIGHT FIXTURE. EGRESS LIGHT FIXTURES ARE HALF-SHADED DIAGONALLY.
	FLUORESCENT EMERGENCY (NON-EGRESS) LIGHT FIXTURE	AS SPECIFIED OR DETAILED	THIS IS AN EXAMPLE OF AN EMERGENCY (NON-EGRESS) LIGHT FIXTURE. EMERGENCY FIXTURES ARE FULLY-SHADED.
	CEILING MOUNTED EXIT SIGN	CEILING	
	HALL-MOUNTED EXIT SIGN	HALL ABOVE DOOR	DARKENED PORTION OF SIGN INDICATES FACE(S); ARROW(S) INDICATE CHEVRON DIRECTION(S)
	HALL-MOUNTED EXIT SIGN W/ EMERGENCY LIGHT FIXTURE	HALL ABOVE DOOR	
	TIME CLOCK		
	EMERGENCY LIGHT FIXTURE	AS NOTED	
	ELECTRIC PHOTOCELL	N/A	MOUNT ON ROOF FACING NORTH SKY
	LIGHT FIXTURE CALLOUT (LETTER DENOTES FIXTURE TYPE)		

CLOCK SYMBOLS

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

SECURITY SYMBOLS

SYMBOL	DESCRIPTION	MOUNTING	REMARKS
	MOTION DETECTOR	CEILING	SUBSCRIPT DENOTES DEGREES OF MONITORED AREA
	DURESS PUSH-BUTTON	BELOW DESK	
	OVERHEAD MAGNETIC CONTACT DOOR SWITCH	DOOR	
	MAGNETIC CONTACT DOOR SWITCH	DOOR	
	GLASS BREAK DETECTOR	CEILING	
	SIREN	+90°	

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

SYMBOL	DESCRIPTION	REMARKS
	KEYED NOTE	
	DETAIL REFERENCE	TOP NUMBER INDICATES DETAIL NUMBER, BOTTOM LETTER-NUMBER INDICATES DRAWING SHEET WHERE DETAIL IS SHOWN WHERE NOT SPECIFICALLY REFERENCED, DETAIL IS GENERAL IN NATURE AND SHALL APPLY WHERE APPLICABLE.
	ELEVATION REFERENCE	TOP NUMBER INDICATES ELEVATION NUMBER, BOTTOM LETTER-NUMBER INDICATES WHERE ELEVATION IS SHOWN.
	SECTION REFERENCE	TOP NUMBER INDICATES SECTION NUMBER, BOTTOM LETTER NUMBER INDICATES WHERE SECTION IS SHOWN.
	ARCHITECTURAL ROOM NUMBER	
	EQUIPMENT NAME / NUMBER	TOP NUMBER ABBREVIATES EQUIPMENT NAME OR TYPE, BOTTOM NUMBER INDICATES EQUIPMENT NUMBER. REFER TO EQUIPMENT SCHEDULE.
	REVISION NUMBER	USED TO DENOTE CHANGES EITHER ISSUED BY ADDENDUM OR DURING CONSTRUCTION AND TO DENOTE RECORD DRAWING CHANGES.
	BREAKLINE	USED TO BREAK DRAWINGS.

BRANCH CIRCUITING SYMBOLS

SYMBOL	DESCRIPTION	REMARKS
	1 CIRCUIT, 2 WIRE BRANCH CIRCUIT HOME RUN TO PANEL	ARROWS, NUMBER OF ARROWS INDICATES NUMBER OF CIRCUITS REQUIRED.
	2 CIRCUIT, 3 WIRE BRANCH CIRCUIT HOME RUN TO PANEL	SHORT CROSS LINES, NUMBER OF SHORT CROSS LINES INDICATES NUMBER OF PHASE, TRAVELER, AND/OR SWITCHED CONDUCTORS REQUIRED IF GREATER THAN 1 (ONE).
	3 CIRCUIT, 4 WIRE BRANCH CIRCUIT HOME RUN TO PANEL	LONG CROSS LINES, NUMBER OF LONG CROSS LINES INDICATES NUMBER OF NEUTRAL CONDUCTORS REQUIRED FOR MULTI-WIRE HOME RUNS.
	MULTIPLE WIRE BRANCH CIRCUITING BETWEEN FIXTURES, SWITCHES, DEVICES, ETC.	EQUIPMENT GROUND AND ISOLATED GROUND CONDUCTORS, EQUIPMENT GROUND AND ISOLATED GROUND CONDUCTORS ARE NOT SHOWN, BUT ARE REQUIRED AS NOTED ON THE DRAWINGS OR IN THE SPECIFICATIONS.
	BRANCH CIRCUITING (U.N.O.) TURNED UP OR TOWARDS OBSERVER.	
	BRANCH CIRCUITING (U.N.O.) TURNED DOWN OR AWAY FROM OBSERVER.	
	BRANCH CIRCUITING (U.N.O.) CONTINUATION	
	CONDUIT STUB-IN	CAP AND MARK
	INCOMING SERVICE	
	JUNCTION BOX	MOUNT AS NOTED. SUBSCRIPT 'F' INDICATES TO PROVIDE A FLOOR BOX WITH BLANK COVERPLATE

ELECTRONIC SYSTEM GENERAL SYMBOLS

SYMBOL	DESCRIPTION	MOUNTING	REMARKS
	ELECTRONIC SYSTEM PANELBOARD (SURFACE MOUNT)	TOP AT 12"	ELECTRONIC SYSTEMS MAY INCLUDE BUT ARE NOT SPECIFICALLY LIMITED TO, TELEPHONE, DATA, TELEVISION, LIGHTING CONTROL, CLOCKS, FIRE ALARM, ACCESS CONTROL, SECURITY, CCTV, SOUND SYSTEM, NURSE CALL, OR INTERCOM.
	ELECTRONIC SYSTEM PANELBOARD (FLUSH MOUNT)	TOP AT 12"	
	ELECTRONIC SYSTEM TERMINAL BOARD	TOP AT 12"	

TELEPHONE / DATA SYMBOLS

SYMBOL	DESCRIPTION	MOUNTING	REMARKS
	TELEPHONE OUTLET	+18"	
	DATA OUTLET	+18"	
	COMBINATION TELEPHONE/DATA OUTLET	+18"	
	TELEPHONE TERMINAL BOARD	TOP AT 12"	

ELECTRICAL SHEET INDEX

SYMBOL	DESCRIPTION
E-GE001	SYMBOL SCHEDULE
E-GE002	SYMBOL & LIGHT FIXTURE SCHEDULES
E-GE001	DETAILS
E-DP000	PHASE I DEMOLITION PLANS
E-DP001	PHASE 2 DEMOLITION PLANS
E-EE000	OVERALL ELECTRICAL PLAN
E-EP000	PHASE 1 ELECTRICAL PLAN
E-EP001	PHASE 2 ELECTRICAL PLANS

ABBREVIATION SCHEDULE

NOTE: NOT ALL ABBREVIATIONS MAY BE USED.

A	ABOVE COUNTER	ISO	ISOLATED
A	ADJACENT	KVA	KILO VOLT AMPERES
ADJ	ADJACENT	KW	KILOWATTS
AF	ABOVE FINISHED FLOOR	LFMC	LIQUID-TIGHT METAL CONDUIT
AHJ	AUTHORITY HAVING JURISDICTION	LFNC	LIQUID-TIGHT NONMETAL CONDUIT
AL	ALUMINUM	MCA	MINIMUM CIRCUIT AMPS
C	CONDUIT	MLO	MAIN LUGS ONLY
CB	CIRCUIT BREAKER	N.C.	NORMALLY CLOSED
CKT	CIRCUIT	N.C.	NOT IN CONTRACT
C.O.S	CONVENIENCE OUTLETS	N.L.	NIGHT LIGHT
CU	COPPER	N.O.	NORMALLY OPEN
EA	EACH	O.C.	ON CENTER(S)
ELEC	ELECTRICAL	OCP	OVER CURRENT PROTECTION
EM	EMERGENCY	QTY	QUANTITY
EMT	ELECTRIC METALLIC TUBING	R	REMOVE
ENT	ELECTRIC NONMETALLIC TUBING	REG.	REQUIREMENTS
EQUIP	EQUIPMENT	RMC	RIGID METAL CONDUIT
EW	ELECTRIC WATER COOLER	RNG	RIGID NONMETALLIC CONDUIT
E EX	EXISTING	RR	REMOVE AND RELOCATE
EXP	EXPLOSION PROOF	SS	SURGE SUPPRESSION
FA	FIRE ALARM	SCP	SECURITY CONTROL PANEL
FACP	FIRE ALARM CONTROL PANEL	TR	TAMPER RESISTANT
FLA	FULL LOAD AMPS	TRF	TYPICAL
FLC	FLEXIBLE METAL CONDUIT	TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR
FOB	FREIGHT ON BOARD	UF	UNDER FLOOR
GND	GROUND CONDUCTOR	UG	UNDERGROUND
HOA	HAND-OFF-AUTO	U.N.O.	UNLESS NOTED OTHERWISE
HP	HORSE POWER	W	WITH
IG	ISOLATED GROUND	WP	WEATHER PROOF
IPC	INTERMEDIATE METAL CONDUIT	XFR	TRANSFORMER
INS	INSULATED		

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.

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ADMISSIONS AREA REMODEL  
OGDEN, UTAH

ADMISSIONS AREA REMODEL  
MAIN LEVEL  
PHASE I AND II  
CONSTRUCTION DOCUMENTS

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CAD PROJECT NO: 2008-003  
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DESIGNED BY: RVV  
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SYMBOL  
SCHEDULE

E-GE001



FIRE ALARM SYMBOLS			
SYMBOL	DESCRIPTION	MOUNTING	REMARKS
☐	BEAM DETECTOR - TRANSMITTER	4' BELOW CEILING TO TOP OF DETECTOR	
☐	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"	
①	HEAT DETECTOR	CEILING	
②	SMOKE DETECTOR	CEILING	
②	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		
☐	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

FLOOR BOX & POKE THRU SYMBOLS			
SYMBOL	DESCRIPTION	MOUNTING	REMARKS
☐	SINGLE-GANG FLOOR BOX WITH DEVICE	FLOOR	
☐	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	
☐	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	

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 BACKSPASH	
☐	POWER / TELEPHONE POLE	FLOOR/CEILING	
☐	CORD DROP WITH DUPLEX RECEPTACLE	+18"	REFER TO DETAIL
☐	SPECIAL PURPOSE OUTLET (5-20R)	+18"	SUBSCRIPT IN PARENTHESIS INDICATES NEMA CONFIGURATION IF SHOWN. REFER TO DRAWINGS AND/OR EQUIPMENT SCHEDULES. CONFIRM EXACT CONFIGURATION WITH OWNER PRIOR TO INSTALLATION.

LIGHT FIXTURE SCHEDULE												
TYPE	MANUFACTURER	SERIES	DESCRIPTION	VOLTAGE	LOAD (VA)	MOUNTING	LAMPS				REMARKS	
							NUMBER	TYPE	WATTS	COLOR (KELVIN)		CRI
DF	KURT VERSEN STAFF	P642 8T P64 2-26	FLOURESCENT DOWN LIGHT FIXTURE WITH 8" APERTURE, PENTER REFLECTOR AND H.P.F. BALLAST. MAX DEPTH TO BE 4", 2 LAMPS	277	50	RECESSED	2	TRIPLE TUBE COMPACT FLUORESCENT VERTICAL ORIENTATION TCLP COMPLIANT	26	3500	82	LIGHT FIXTURE IS EXISTING MANUFACTURER INFO WAS TAKEN FROM THE ASBUILT DRAWINGS. CONTRACTOR TO VERIFY QUANTITY AND MATCH PROVIDE NEW AS REQUIRED
GA3	LITHONIA METALLUX	2P1BGA-332 HR2P3GAX-332	2' X 4' 3- LAMP LAY-IN FLOURESCENT LIGHT FIXTURE, WITH 3" DEEP, 18 CELL, LOW IRRIDESCENT REFLECTOR, AIR RETURN ON ALL 4 SIDES	277	96	LAY-IN GRID	3	48" LINEAR T8 FLUORESCENT TCLP COMPLIANT	32	3500	86	LIGHT FIXTURE IS EXISTING MANUFACTURER INFO WAS TAKEN FROM THE ASBUILT DRAWINGS. CONTRACTOR TO VERIFY QUANTITY AND MATCH PROVIDE NEW AS REQUIRED
GP22	LITHONIA METALLUX	2P1BGA-2CF HR2P3GAX-2BX	2' X 2' RECESSED LOW IRRIDESCENT PARABOLIC LOUVER 3" DEEP, 9 CELL FLUORESCENT LIGHT FIXTURE, SHALL BE SUITABLE FOR AIR RETURN	277	80	LAY-IN GRID	2	BIAX TCLP COMPLIANT	40	3500	85	LIGHT FIXTURE IS EXISTING MANUFACTURER INFO WAS TAKEN FROM THE ASBUILT DRAWINGS. CONTRACTOR TO VERIFY QUANTITY AND MATCH PROVIDE NEW AS REQUIRED
T84	JUNO	HEAD: T8X261H4 TRACK: T84H	LINE VOLTAGE SINGLE CIRCUIT TRACK WITH BIAX WALL WASH HEAD LENGTH. REFER TO DRAWINGS WITH ALL ACCESSORIES COLOR: WHITE	120	75 VA/FT	SURFACE	NA	BIAX TCLP COMPLIANT	26	3500	85	PROVIDE LIGHT FIXTURE TO MATCH EXISTING IN OTHER LOCATIONS

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 SEIT-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		

LIGHT FIXTURE ABBREVIATION SCHEDULE	
NOTE: NOT ALL ABBREVIATIONS WILL NECESSARILY BE USED.	
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

- ### LIGHT FIXTURE GENERAL NOTES
- 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.

- ### BIDDING REQUIREMENTS
- 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.

- ### LIGHT FIXTURE PRIOR APPROVAL REQUIREMENTS
- 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 BE NOT BE APPROVED.

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

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architecture | planning | design

BUILDING NAME:

WEBER STATE UNIVERSITY  
ADMINISTRATION BUILDING  
ADMISSIONS AREA REMODEL  
OGDEN, UTAH

PROJECT TITLE:

ADMISSIONS AREA REMODEL  
MAIN LEVEL  
PHASE I AND II  
CONSTRUCTION DOCUMENTS

MARK DATE DESCRIPTION

ISSUE TYPE: CONSTRUCTION DOCUMENTS

ISSUE DATE: January 28th, 2008

DFCM PROJECT NO:  
CAD PROJECT NO: 2008-003  
DRAWN BY: BRT  
DESIGNED BY: RVV  
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SHEET TITLE

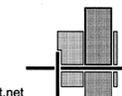
SYMBOL & LIGHT  
FIXTURE  
SCHEDULES

SHEET NUMBER

E-GE002







**LIGHTING DEMO KEYED NOTES:**

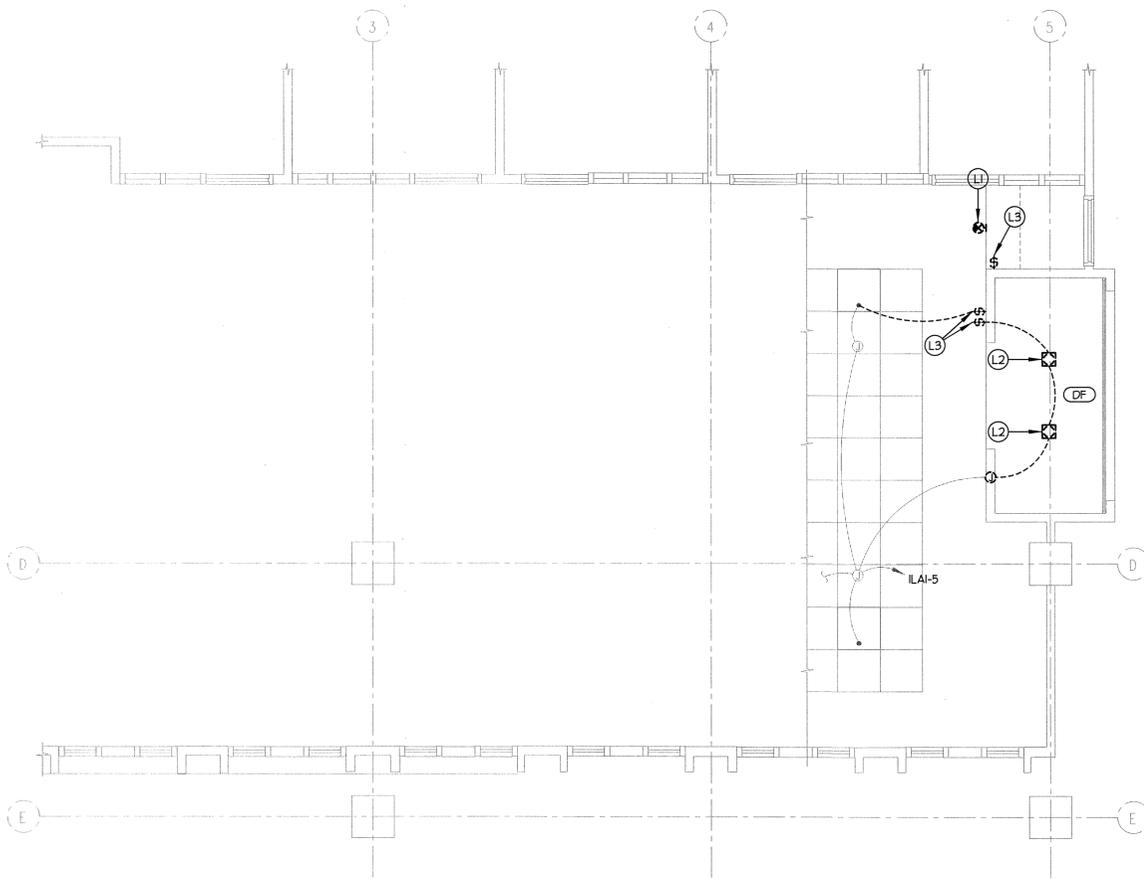
- (L1) EXIT SIGN TO BE RELOCATED. REFER TO SHEET E-EPI00 FOR NEW LOCATION. CIRCUIT SHALL BE REUSED.
- (L2) DISCONNECT LIGHTS AND STORE FOR RE-USE. REFER TO SHEET E-EPI00 FOR NEW LOCATION. MAINTAIN SWITCHING SCHEME AND REUSE 2TV CIRCUIT.
- (L3) LIGHT SWITCHES ARE TO BE RELOCATED. REFER TO SHEET E-EPI00 FOR MORE INFORMATION.

**GENERAL DEMOLITION NOTES:**

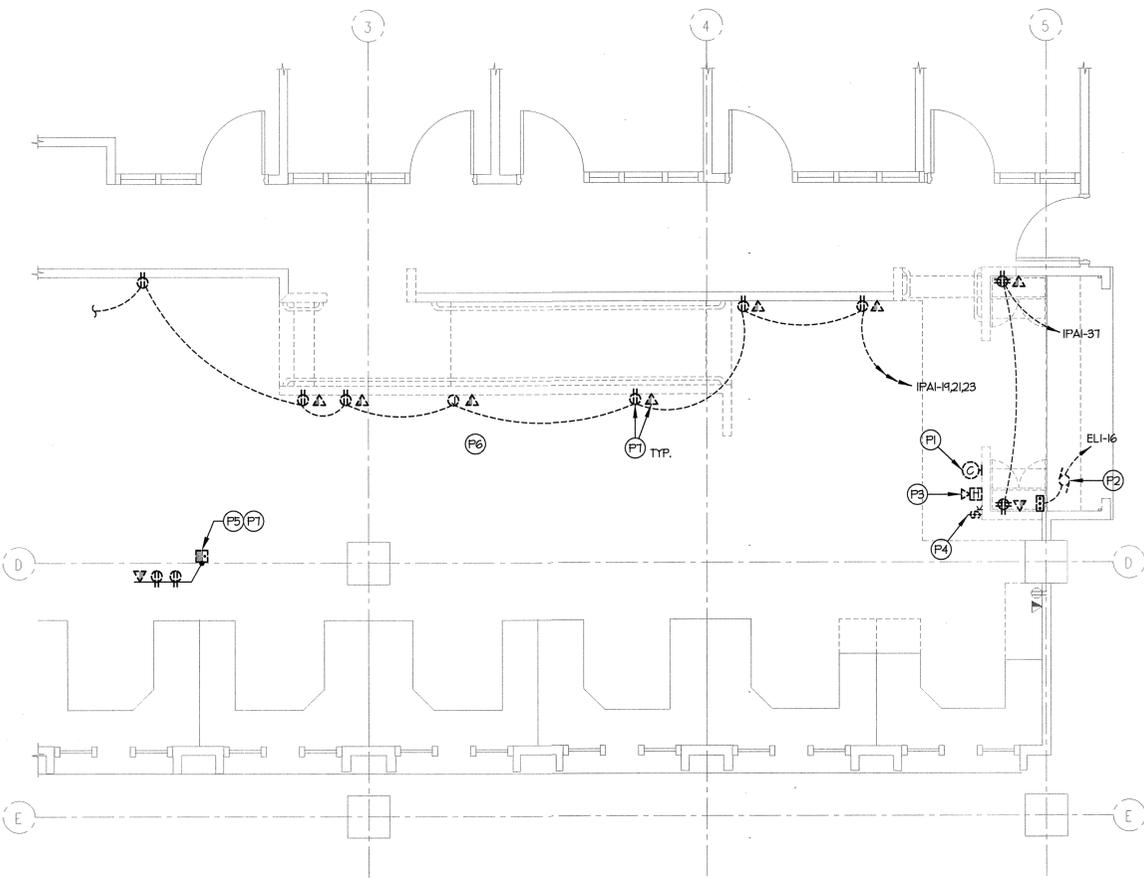
- I. UNLESS SPECIFICALLY NOTED OTHERWISE, REMOVE ALL ELECTRICAL ITEMS SHOWN IN DARK & DASHED LINES. ITEMS SHOWN IN LIGHT & SOLID LINES ARE TO REMAIN. DEMOLITION ITEMS ARE SHOWN TO GIVE A BASIC DESCRIPTION OF THE EXTENT OF DEMOLITION WORK, BUT MAY NOT BE INCLUSIVE. PROVIDE DEMOLITION WORK IN ACCORDANCE 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, REHIRE, 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 BUILDING NOT BEING RECYCLED, 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. TERMINATE AT ACCESSIBLE JUNCTION BOX BY PROVIDING PROPER KNOCK-OUT CLOSURE, TAPE CONDUCTORS, LABEL AS "SPARE" WITH CIRCUIT NO., ZONE NO., OR OTHER CHARACTERISTIC IDENTIFYING SOURCE.
  - 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. CONCEAL ALL RACEWAY AND WIRING IN EXISTING WALLS, CEILINGS, FLOORS, ETC. THE USE OF WIREMOLD IS PERMITTED ONLY WHERE SPECIFICALLY NOTED ON DRAWING.
  - G. DO NOT PENETRATE STRUCTURAL ELEMENTS OF FLOORS, WALLS, CEILINGS, ROOFS, ETC.
  - H. COORDINATE WITH OWNER WHAT EQUIPMENT SHOULD BE DISPOSED OF AND WHAT EQUIPMENT IS TO BE RETURNED TO OWNER.
  - I. COMPLETELY REMOVE ALL TELEPHONE OR DATA CABLES WHICH ARE TO BE REMOVED BACK TO SOURCE OR AS DIRECTED BY OWNER.

**POWER DEMO KEYED NOTES:**

- (P1) DISCONNECT CLOCK AND RETURN TO OWNER. REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE OR NEXT DEVICE IN LINE.
- (P2) DISCONNECT OVERHEAD DOOR AND ALL ASSOCIATED HARDWARE AND RETURN TO OWNER.
- (P3) FIRE ALARM DEVICE TO BE RELOCATED. REFER TO SHEET E-EPI00 FOR NEW LOCATION.
- (P4) KEYED TEST SWITCH TO BE RELOCATED. REFER TO SHEET E-EPI00 FOR NEW LOCATION.
- (P5) DISCONNECT POWER POLE AND RETURN TO OWNER.
- (P6) THE CONTRACTOR SHALL TRACE OUT ALL EXISTING POWER CIRCUITS IN THIS SPACE AND DETERMINE WHAT CIRCUITS ARE FEEDING WHAT PIECES OF EQUIPMENT. ALL EXISTING EQUIPMENT AND WIRING DEVICES THAT ARE BEING MOVED AND RELOCATED TO NEW LOCATIONS SHALL BE FED WITH THE SAME BRANCH CIRCUITS THAT WERE FEEDING THEM PRIOR TO THE DEMOLITION. THE CONTRACTOR SHALL PROVIDE ALL NEW COPPER WIRING FOR ALL LOCATIONS THAT HAVE MOVED OR BEEN RELOCATED. CIRCUITS SHOWN ARE FROM THE AS-BUILT DRAWINGS.



0 4' 8' 16'  
PLAN NORTH  
02 EDP100 SCALE 1/4" = 1'-0"  
**PHASE 1 DEMOLITION LIGHTING PLAN**



0 4' 8' 16'  
PLAN NORTH  
01 EDP100 SCALE 1/4" = 1'-0"  
**PHASE 1 DEMOLITION POWER PLAN**



A:\2008-003-00 - Weber Admin Bldg Admissions Area Remodel\Elect-EDP100.dwg, 1/28/2008 3:25:07 PM, bren, Envision Engineering, PC

MARK	DATE	DESCRIPTION
ISSUE TYPE: CONSTRUCTION DOCUMENTS		

ISSUE DATE: January 28th, 2008

DFCM PROJECT NO:  
CAD PROJECT NO: 2008-003  
DRAWN BY: BRT  
DESIGNED BY: RVV  
CHK'D BY: JRO  
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SHEET TITLE  
**PHASE 2  
DEMOLITION PLANS**

SHEET NUMBER

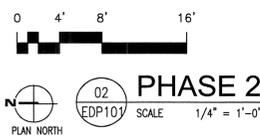
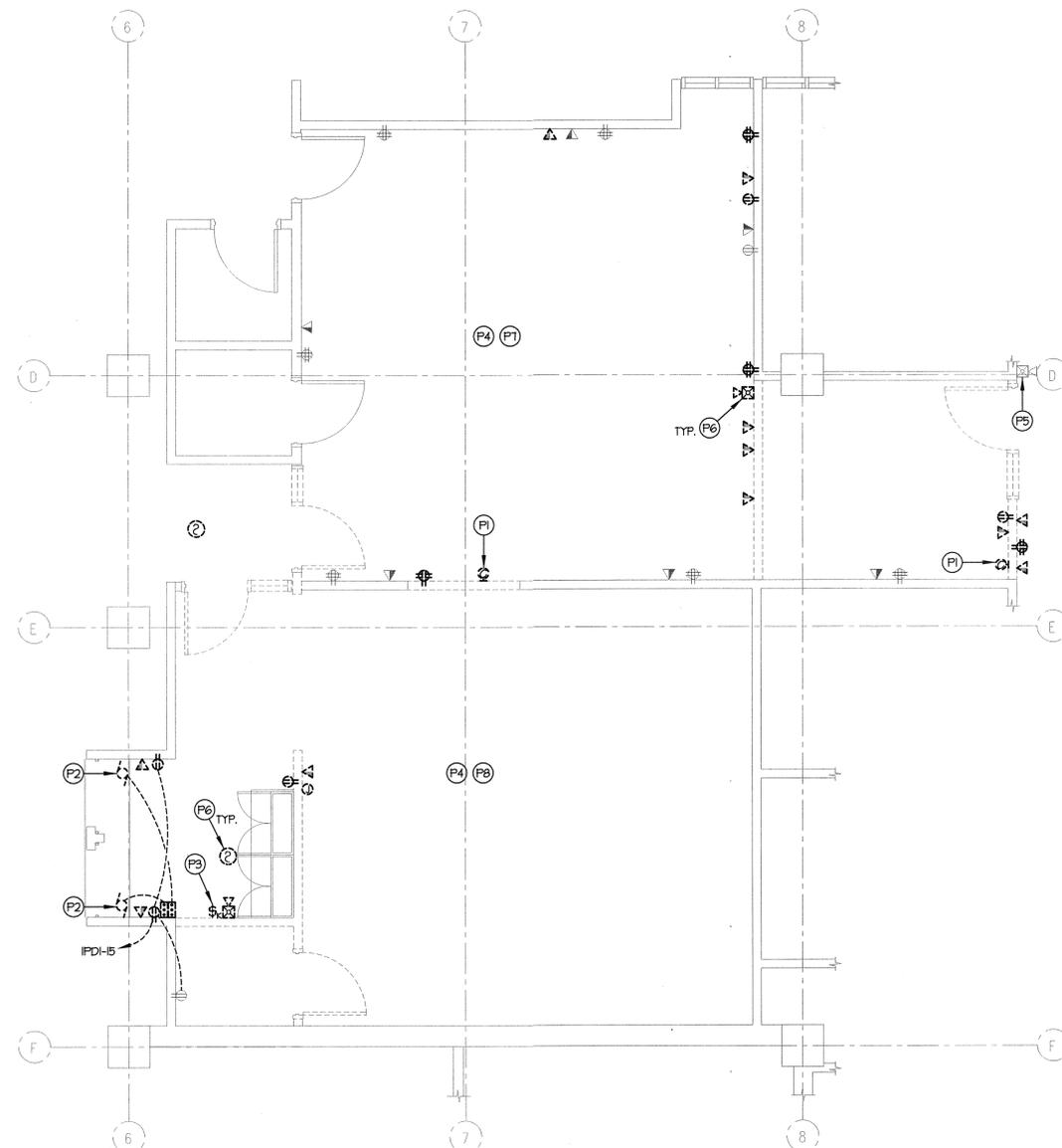
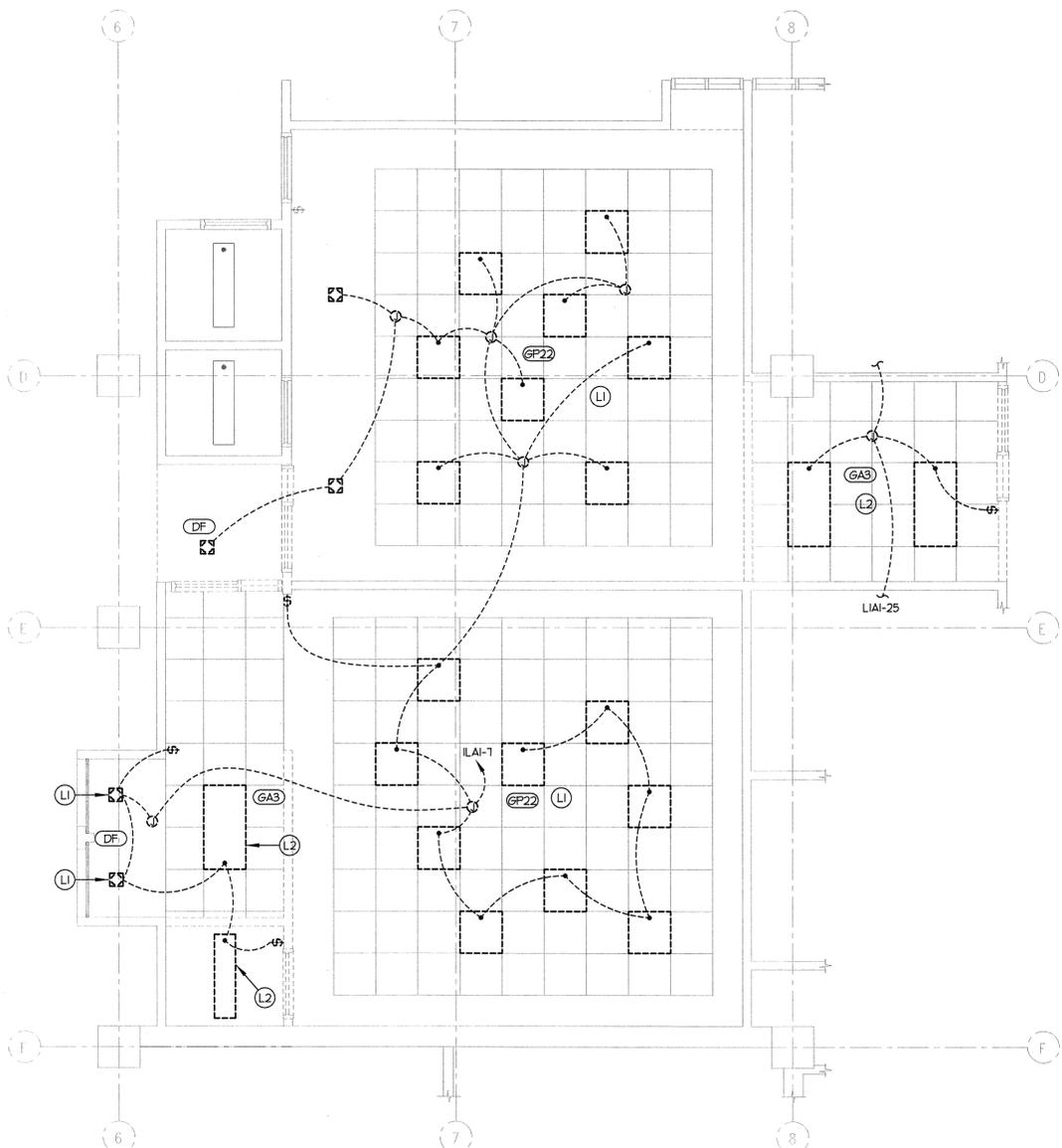
**E-DP101**

**LIGHTING DEMO KEYED NOTES:**

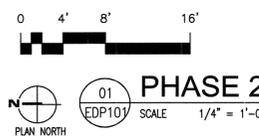
- (L1) DISCONNECT AND STORE LIGHT FIXTURES FOR RE-USE. REFER TO SHEET E-EPI01 FOR NEW LOCATIONS.
- (L2) DISCONNECT AND RETURN TO OWNER.

**POWER DEMO KEYED NOTES:**

- (P1) DISCONNECT GROUND AND RETURN TO OWNER. REMOVE CONDUIT AND CONDUCTORS BACK TO THE NEAREST DEVICE.
- (P2) DISCONNECT OVERHEAD DOOR AND ALL ASSOCIATED HARDWARE AND RETURN TO OWNER.
- (P3) DISCONNECT KEYED TEST SWITCH AND RETURN TO OWNER.
- (P4) THE CONTRACTOR SHALL TRACE OUT ALL EXISTING POWER CIRCUITS IN THIS SPACE AND DETERMINE WHAT CIRCUITS ARE FEEDING WHAT PIECES OF EQUIPMENT. ALL EXISTING EQUIPMENT AND WIRING DEVICES THAT ARE BEING MOVED AND RELOCATED TO NEW LOCATIONS SHALL BE FED WITH THE SAME BRANCH CIRCUITS THAT WERE FEEDING THEM PRIOR TO THE DEMOLITION. THE CONTRACTOR SHALL PROVIDE ALL NEW COPPER WIRING FOR ALL LOCATIONS THAT HAVE MOVED OR BEEN RELOCATED.
- (P5) EXISTING FIRE ALARM/HORN STROBE TO REMAIN IN PLACE. PROTECT FROM DAMAGE DURING CONSTRUCTION.
- (P6) EXISTING FIRE ALARM DEVICE TO BE REMOVED AND STORED FOR REUSE.
- (P7) AVAILABLE CIRCUITS TO BE REUSED FROM THE AS-BUILT DRAWINGS ARE IPDI-2,4,5,6.
- (P8) AVAILABLE CIRCUITS TO BE REUSED FROM THE AS-BUILT DRAWINGS ARE IPDI-13,5,11.



**PHASE 2 DEMOLITION LIGHTING PLAN**



**PHASE 2 DEMOLITION POWER PLAN**



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**KEYED NOTES:**

- ① PROVIDE (16) 1" C. WITH NYLON FULLSTRING FOR DATA FOR PHASE I. APPROXIMATE CONDUIT ROUTE SHOWN.
- ② COORDINATE CONDUIT ROUTING AND LOCATIONS IN WALL AND GRAVSPACE WITH SCHOOL'S I.T. REPRESENTATIVE.
- ③ CONDUITS SHALL BE ROUTED IN THE RETURN AIR FLENUM AS PER THE MECHANICAL ENGINEER. ELECTRICAL CONTRACTOR SHALL TAKE SPECIAL CARE TO PREVENT UNNECESSARY OBSTRUCTION OF THE ENDS OF THE RETURN AIR FLENUM THAT MAY BLOCK AIR FLOW.

**State of Utah**

Department of Administrative Services

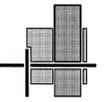
**Division of Facilities Construction & Management**  
 4110 State Office Building  
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 Phone: (801) 538 - 3018  
 Fax: (801) 538 - 3267

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BUILDING NAME:

**WEBER STATE UNIVERSITY  
 ADMINISTRATION BUILDING  
 ADMISSIONS AREA REMODEL  
 OGDEN, UTAH**

PROJECT TITLE:

**ADMISSIONS AREA REMODEL  
 MAIN LEVEL  
 PHASE I AND II  
 CONSTRUCTION DOCUMENTS**

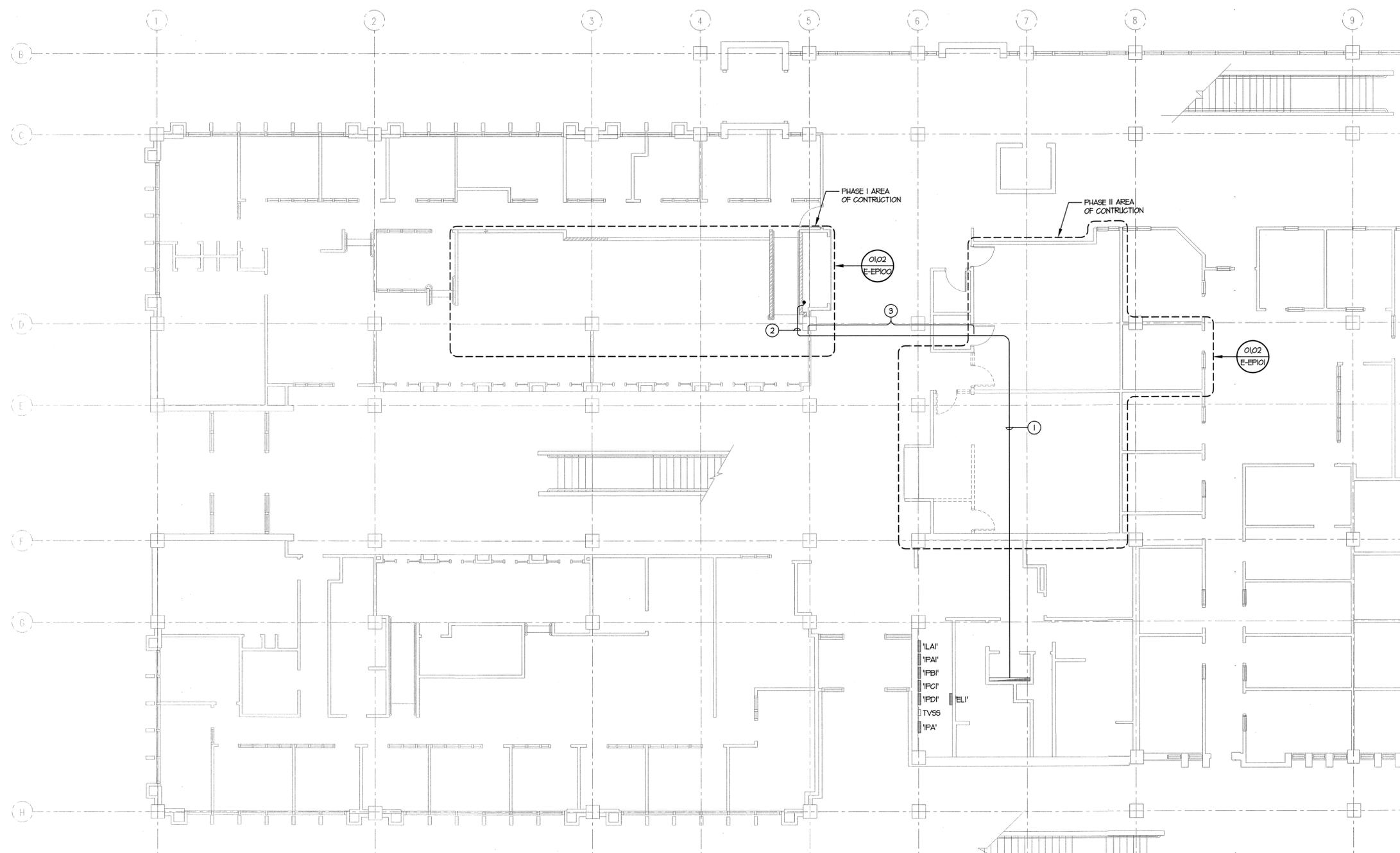
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ISSUE DATE: January 28th, 2008		
DFCM PROJECT NO:		
CAD PROJECT NO: 2008-003		
DRAWN BY: BRT		
DESIGNED BY: RVV		
CHK'D BY: JRO		
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<b>OVERALL ELECTRICAL PLAN</b>		
SHEET NUMBER		
<b>E-EE100</b>		

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**OVERALL ELECTRICAL PLAN**

SHEET NUMBER

**E-EE100**

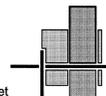


**01 OVERALL ELECTRICAL PLAN**  
 EE100 SCALE 1/8" = 1'-0"

**ENVISION**  
 ENGINEERING  
 Direction. Then Velocity.  
 244 West 300 North, Suite 100  
 Salt Lake City, Utah 84103  
 801.534.1130 ext 801.534.1080 fax



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**LIGHTING KEYED NOTES:**

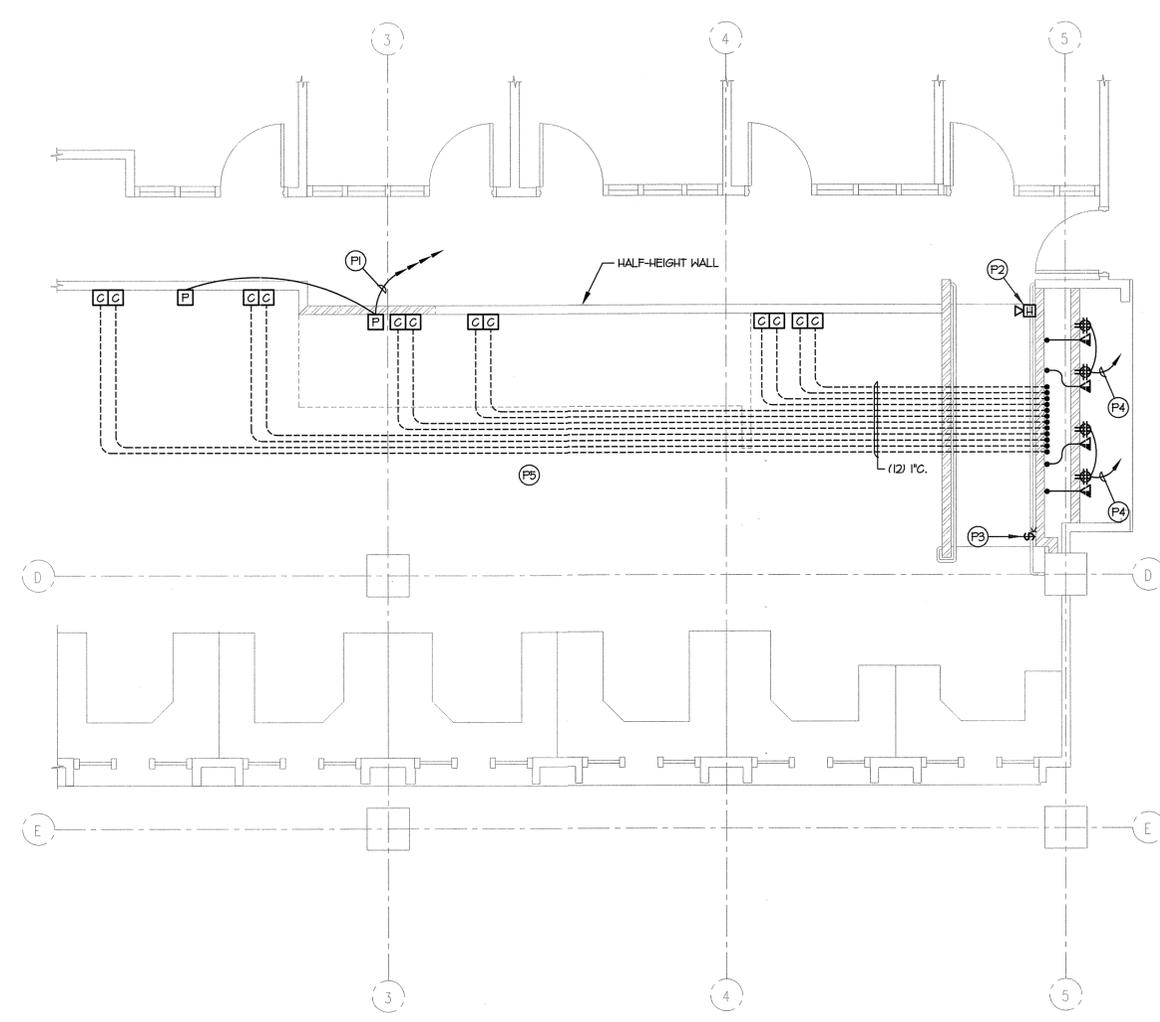
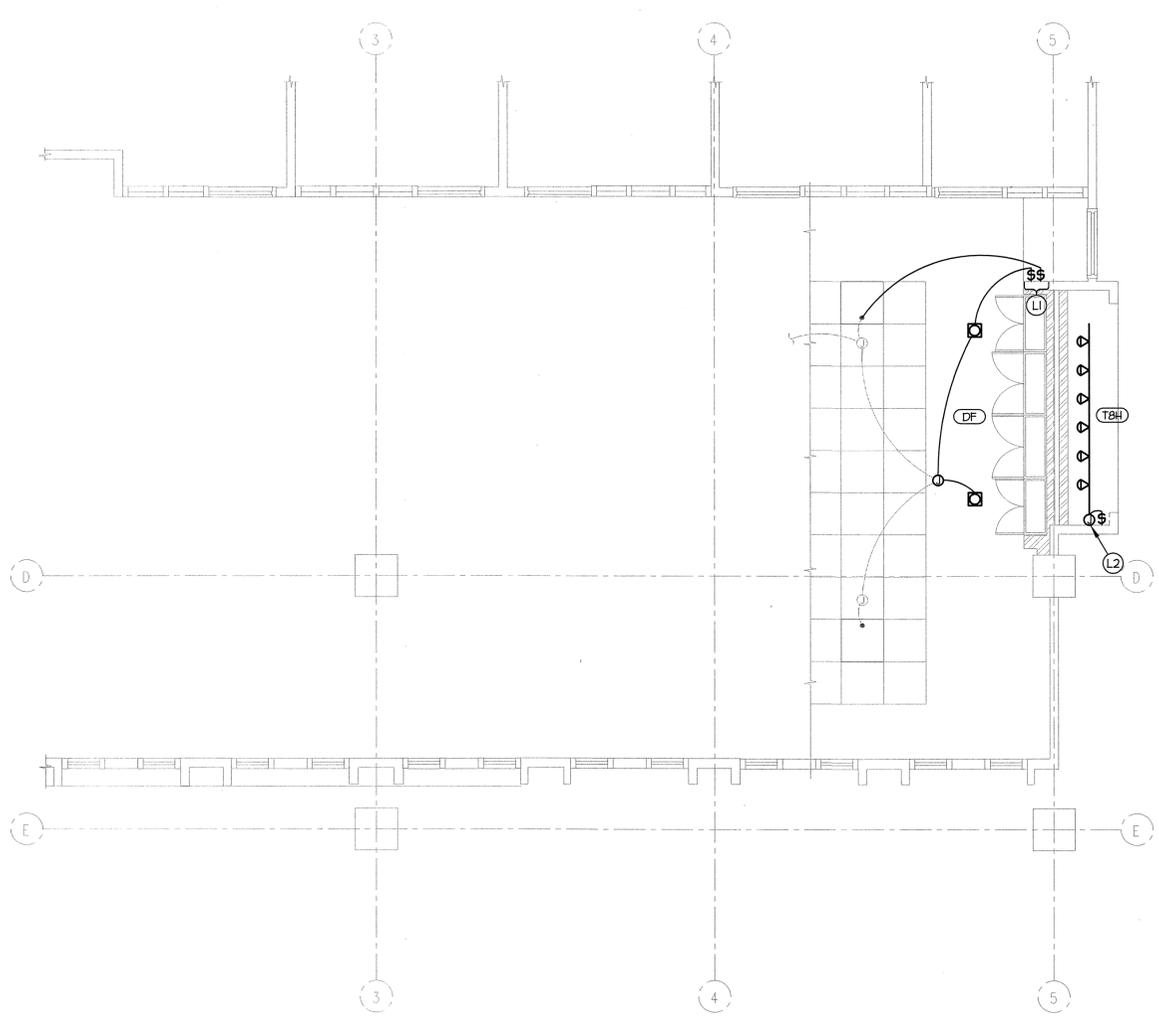
- (1) NEW SWITCHES. RECONNECT TO EXISTING 2T/TV LIGHTING CIRCUIT IN THE AREA.
- (2) CONNECT NEW TRACK LIGHTING TO AN AVAILABLE 120V SPARE BREAKER IN PANEL '1FA1'. PROVIDE A NEW 20A IP BREAKER TO MATCH EXISTING WITH AN EQUIVALENT AIC RATING IN ANOTHER 120/208 PANELBOARD AS REQUIRED.

**SYMBOL CONVENTIONS:**

- (P) PROVIDE 4" SQUARE DEEP OUTLET BOX AND ELECTRICAL CONNECTIONS TO SYSTEM'S FURNITURE. COORDINATE SYSTEM FURNITURE WIRING REQUIREMENTS AND OUTLET BOX LOCATIONS WITH SYSTEM FURNITURE SUPPLIER/INSTALLER PRIOR TO ROUGH-IN. CONNECTION REQUIREMENTS ARE 4 CIRCUIT 8 WIRE. PROVIDE A TOTAL OF 8 CONDUCTORS TO EACH SYSTEM FURNITURE CONNECTION CONSISTING OF THREE CIRCUITS WITH SHARED EQUIPMENT GROUND AND SHARED OVERSIZE NEUTRAL; AND ONE DEDICATED CIRCUIT WITH DEDICATED ISOLATED GROUND AND DEDICATED NEUTRAL. SIZE THE SHARED NEUTRAL CONDUCTOR ONE SIZE (AWG) LARGER THAN THE LARGEST PHASE CONDUCTOR. WHIP FROM OUTLET BOX TO SYSTEM'S FURNITURE TO BE PROVIDED BY SYSTEM FURNITURE INSTALLER. DIVISION 16000 SHALL CONNECT FLEX WHIP FROM FURNITURE TO POWER AND JUNCTION BOX.
- (C) PROVIDE 4" SQUARE DEEP OUTLET BOX WITH GROTTETTED COVER PLATE FOR COMMUNICATION CABLING. COORDINATE PLACEMENT OF OUTLET BOXES IN HALLS AND COLLINS WITH SYSTEM FURNITURE SUPPLIER/INSTALLER PRIOR TO ROUGH-IN. EXTEND 1" CONDUIT WITH NYLON PULL ROPE TO TELEPHONE TERMINAL BOARD. TERMINATE CONDUIT WITH A NYLON BUSHING. CABLE TO BE PROVIDED BY OWNER.

**POWER KEYED NOTES:**

- (P1) CONNECT NEW SYSTEM'S FURNITURE TO 4 EXISTING CIRCUITS IN AREA AVAILABLE FROM THE DEMOLITION. PROVIDE ADDITIONAL CIRCUITS AS REQUIRED WITH A 20A IP BREAKER TO MATCH EXISTING WITH AN EQUIVALENT AIC. COORDINATE INSTALLATION WITH THE SYSTEM'S FURNITURE MANUFACTURER.
- (P2) EXISTING FIRE ALARM DEVICE IN NEW LOCATION. CONNECT TO EXISTING ANNUNCIATION LOOP IN AREA. UPDATE AND PROVIDE ADDITIONAL PROGRAMMING AS NECESSARY FOR A COMPLETE INSTALLATION.
- (P3) EXISTING DEVICE IN NEW LOCATION. RECONNECT TO EXISTING OVERHEAD DOORS AND TO EXISTING FIRE ALARM SYSTEM LOOP AND RESTORE TO CONDITION PRIOR TO DEMOLITION.
- (P4) CONNECT NEW DEVICES TO AN EXISTING CIRCUIT IN AREA AVAILABLE FROM THE DEMOLITION. PROVIDE ADDITIONAL CIRCUITS AS REQUIRED WITH A 20A IP BREAKER TO MATCH EXISTING WITH AN EQUIVALENT AIC.
- (P5) PROVIDE BLANK COVER PLATES FOR ALL DEVICES REMOVED AND NOT REUSED.



0 4' 8' 16'  
PLAN NORTH  
02 EP100 SCALE 1/4" = 1'-0"  
**PHASE 1 LIGHTING PLAN**

0 4' 8' 16'  
PLAN NORTH  
01 EP100 SCALE 1/4" = 1'-0"  
**PHASE 1 POWER PLAN**



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OCCUPANCY SENSOR LEGEND			
SYMBOL	DESCRIPTION	MOUNTING	REMARKS
●H	IRSI LH-R-SI	WALL	OR APPROVED EQUIVALENT
●C	QINI DT2000	CEILING	OR APPROVED EQUIVALENT

**LIGHTING PLAN KEYED NOTES:**

- L1 CONNECT EXISTING DEVICES IN NEW LOCATIONS TO EXISTING 277V LIGHTING CIRCUIT. CONTRACTOR TO PREVENT OVERLOADING OF THE CIRCUIT AND PROVIDE NEW CIRCUITS AS REQUIRED WITH A NEW CIRCUIT BREAKER TO MATCH EXISTING WITH AN EQUIVALENT AIC RATING. CONTRACTOR TO VERIFY NUMBER OF EXISTING FIXTURES AND PROVIDE NEW FIXTURES TO MATCH AS REQUIRED.
- L2 CONNECT NEW TRACK LIGHTING TO AN AVAILABLE 120V SPARE BREAKER IN PANEL 'PDI'. PROVIDE A NEW 20A IP BREAKER TO MATCH EXISTING WITH AN EQUIVALENT AIC RATING IN ANOTHER 120/208 PANELBOARD AS REQUIRED.
- L3 PROVIDE SWITCH PACKS AS REQUIRED FOR THE RECEPTION AREA SO IT CAN BE SWITCHED TOGETHER FROM EITHER SWITCHED LOCATION.

**POWER PLAN KEYED NOTES:**

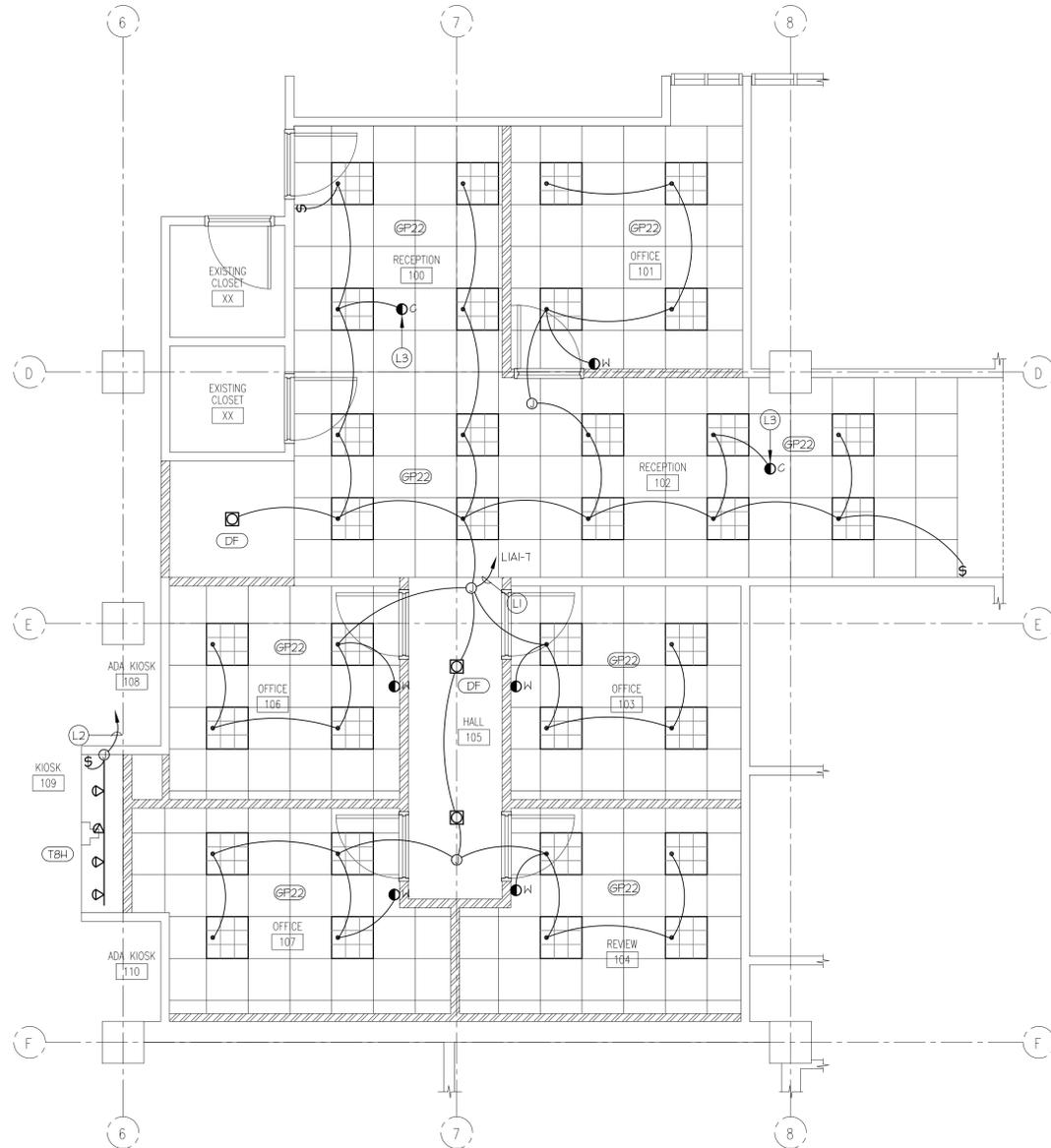
- P1 CONNECT NEW AND OR EXISTING DEVICES TO AN EXISTING CIRCUIT IN THE AREA FROM PANEL 'PAI'. CONTRACTOR TO PREVENT OVERLOADING OF ANY CIRCUIT. PROVIDE NEW CIRCUITS AS REQUIRED WITH A 20A IP CIRCUIT BREAKER TO MATCH EXISTING WITH AN EQUIVALENT AIC RATING.
- P2 PROVIDE 4 SQUARE JUNCTION BOX WITH A 3/4" TO ACCESSIBLE CEILING SPACE WITH A NYLON FULLSTRING FOR THERMOSTAT PROVIDED BY DIVISION 5. COORDINATE EXACT LOCATION WITH MECHANICAL ENGINEER.
- P3 EXISTING FIRE ALARM DEVICE IN NEW LOCATION. CONNECT TO EXISTING ANNUNCIATION OR INITIATION LOOP IN THE AREA. UPDATE AND PROVIDE ADDITIONAL PROGRAMMING AS NECESSARY FOR A COMPLETE INSTALLATION.
- P4 PROVIDE BLANK COVER PLATES FOR ALL DEVICES REMOVED AND NOT REUSED.
- P5 RELOCATE EXISTING FIRE ALARM DEVICE AS REQUIRED ON THE SAME WALL TO PREVENT DAMAGE DURING CONSTRUCTION. CONNECT TO EXISTING ANNUNCIATION LOOP IN THE AREA. UPDATE AND PROVIDE ADDITIONAL PROGRAMMING AS NECESSARY FOR A COMPLETE INSTALLATION.

D

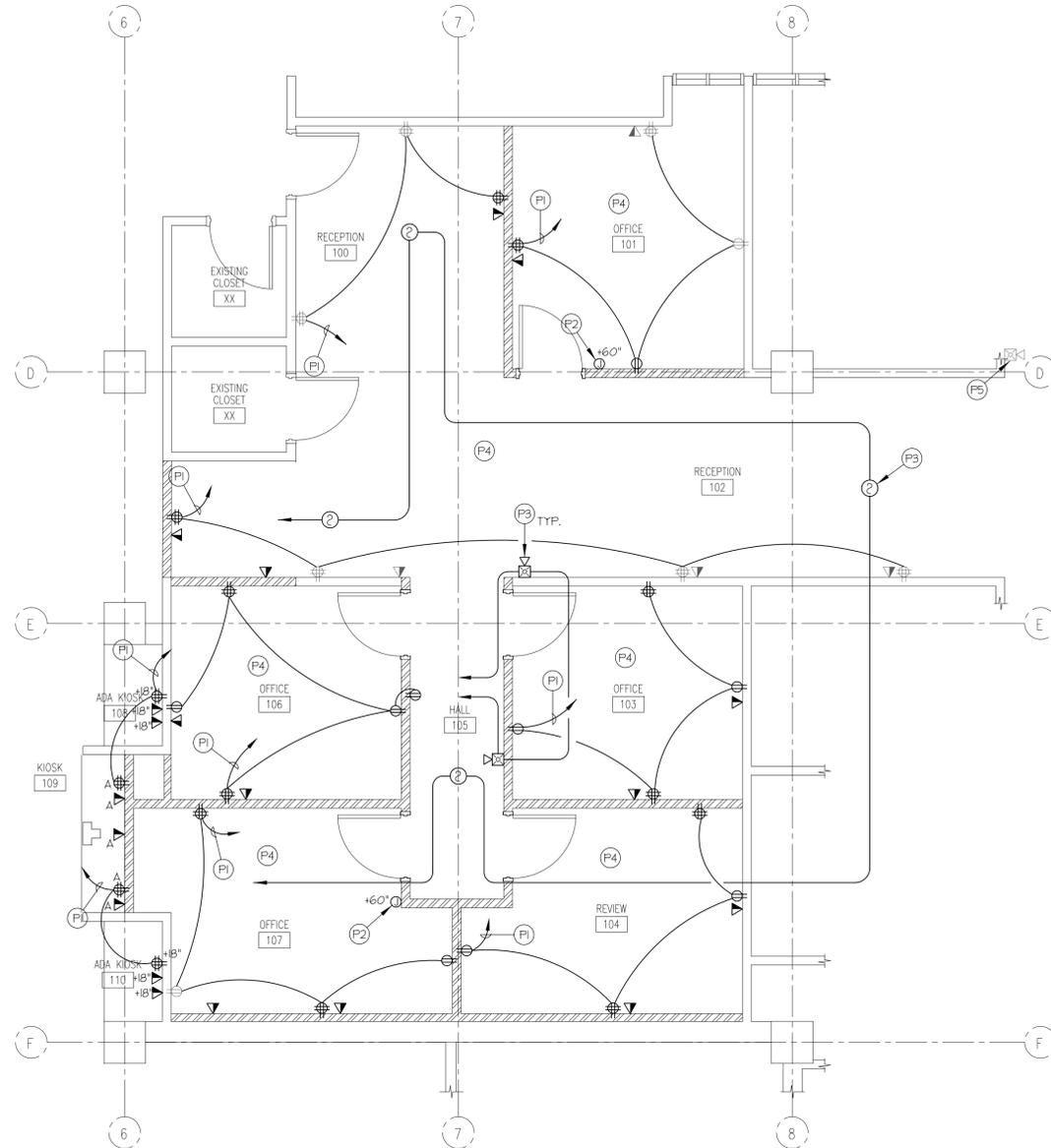
C

B

A



02 PHASE 2 LIGHTING PLAN  
SCALE 1/4" = 1'-0"



01 PHASE 2 POWER PLAN  
SCALE 1/4" = 1'-0"

**State of Utah**

Department of Administrative Services

Division of Facilities  
Construction & Management  
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BUILDING NAME:

WEBER STATE UNIVERSITY  
ADMINISTRATION BUILDING  
ADMISSIONS AREA REMODEL  
OGDEN, UTAH

PROJECT TITLE:

ADMISSIONS AREA REMODEL  
MAIN LEVEL  
PHASE I AND II  
CONSTRUCTION DOCUMENTS

MARK	DATE	DESCRIPTION
ISSUE TYPE: CONSTRUCTION DOCUMENTS		

ISSUE DATE: January 28th, 2008

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CAD PROJECT NO: 2008-003  
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DESIGNED BY: RVV  
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SHEET TITLE  
**PHASE 2  
ELECTRICAL PLANS**

SHEET NUMBER

**E-EP101**

