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

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STATE OF UTAH 261110 LICENSED ARCHITECT

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

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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

WEBER STATE UNIVERSITY
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DFCM PROJECT NO. 07349810

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
∅	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
		INFO	INFORMATION
BD	BOARD	INSUL.	INSULATION
BITUM.	BITUMINOUS	LAV.	LAVATORY
BLDG	BUILDING	LT.	LIGHT
B.M.	BENCHMARK	MATL.	MATERIAL
B.O.	BOTTOM OF	MAX.	MAXIMUM
BRG.	BEARING	MECH.	MECHANICAL
BTWN.	BETWEEN	MFR.	MANUFACTURER
CER.	CERAMIC	MIN.	MINIMUM
CJ	CONSTRUCTION JOINT	MISC.	MISCELLANEOUS
CLG.	CEILING	M.O.	MASONRY OPENING
CLR.	CLEAR	MTL.	METAL
CMU	CONCRETE MASONRY UNIT	NIC	NOT IN CONTRACT
COL.	COLUMN	NO.	NUMBER
CONC.	CONCRETE	N.T.S.	NOT TO SCALE
CONT.	CONTINUOUS	O.C.	ON CENTER
CONST.	CONSTRUCTION	O.D.	OUTSIDE DIAMETER
COORD.	COORDINATE	O.H.	OVERHEAD
CTJ	CONTRACTION JOINT	OPP.	OPPOSITE
DBL.	DOUBLE	PART.	PARTITION
DPW	DIRECTOR OF PUBLIC WORKS	PERP.	PERPENDICULAR
DIA.	DIAMETER	PL.	PLATE
DPG	DUGWAY PROVING GROUND	PNTD.	PAINTED
DTL.	DETAIL	PSI	POUNDS PER SQUARE INCH
DWGS.	DRAWINGS	R.D.	ROOF DRAIN
EA.	EACH	RAD.	RADIUS
EJ	EXPANSION JOINT	REINF.	REINFORCED
ELEV.	ELEVATION	REQ'D	REQUIRED
EQ.	EQUAL	RET.	RETURN
E.S.	EACH SIDE	REV.	REVERSED
EXIST.	EXISTING	RM.	ROOM
EXPAN.	EXPANSION	R.O.	ROUGH OPENING
EXT.	EXTERIOR	SCHED.	SCHEDULE
E.W.C.	ELECTRIC WATER COOLER	SHR.	SHOWER
F.D.	FLOOR DRAIN	SHT.	SHEET
FDN.	FOUNDATION	SIM.	SIMILAR
F.E.	FIRE EXTINGUISHER	SPEC.	SPECIFICATION
F.E.C.	FIRE EXTINGUISHER CABINET	STD.	STANDARD
F.F.	FINISH FLOOR	STR.	STRUCTURAL
FIN.	FINISH	SUSP.	SUSPENDED
FLR.	FLOOR	THRU	THROUGH
F.L.	FLOW LINE	T.O.	TOP OF
FTG.	FOOTING	T.O.A.	TOP OF ASPHALT
GA.	GAGE	T.O.C.	TOP OF CURB
GALV.	GALVANIZED	T.O.F.	TOP OF FOOTING
GF-CI	GOVERNMENT FURNISHED CONTRACTOR INSTALLED	T.O.S.	TOP OF SLAB OR SIDEWALK
		T.O.W.	TOP OF WALL
GF-GI	GOVERNMENT FURNISHED GOVERNMENT INSTALLED	TYP.	TYPICAL
		VERT.	VERTICAL
G.I.	GALVANIZED STEEL	VEST.	VESTIBULE
GND.	GROUND	W/	WITH
GOVT.	GOVERNMENT	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 — DETAIL

SECTION NUMBER / SHEET ON WHICH SECTION APPEARS

ELEVATION VIEW — DETAIL NUMBER / SHEET ON WHICH DETAIL APPEARS — INTERIOR ELEVATION

PARTITION TYPE · DOOR NUMBER · WINDOW TYPE

LIST OF DRAWINGS

GENERAL

A-G000	COVER SHEET
A-G001	ARCHITECTURAL ABBREVIATIONS, VICINITY MAP AND CODE ANALYSIS

ARCHITECTURAL

A-SP100	SITE PLAN
A-PP100	CONSTRUCTION PHASING PLAN
A-DP100	PHASE I DEMOLITION FLOOR AND CEILING PLAN
A-FP100	PHASE I NEW FLOOR AND CEILING PLAN
A-DP101	PHASE 2 DEMOLITION FLOOR AND CEILING PLAN
A-FP101	PHASE 2 NEW FLOOR AND CEILING PLAN
A-DT500	DOOR AND FINSIH SCHEDULES, DOOR, CEILING, WALL AND ADA RAMP DETAILS
A-DT501	NEW AND EXISTING KIOSK SECTIONS AND ADA COUNTER SECTIONS

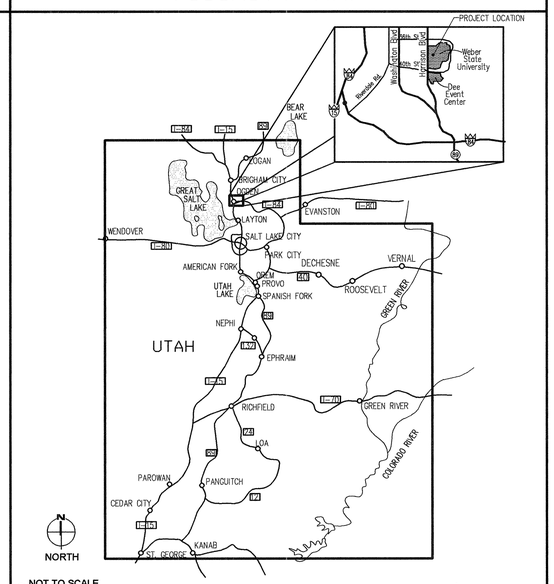
MECHANICAL

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



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	ADA Accessibility Guidelines	N/A
International Fire Code	2006		
International Energy Conservation Code	N/A		

A. Occupancy and Group: B

Change in Use: Yes ____ No NO Mixed Occupancy: Yes ____ 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/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: NO Nonseparated Uses: NO

F: Sprinklers:

Required: ____ 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) $A_a = A_t + \left[\frac{A_t I_f}{100}\right] + \left[\frac{A_t I_s}{100}\right]$ $\quad I_f = 100\left[\frac{F}{P} - 0.25\right]\frac{W}{30}$

b) Sum of the Ratio Calculations for Mixed Occupancies:

$\frac{\text{Actual Area}}{\text{Allowable Area}} \leq 1$

c) Total Allowable Area for:

1) One Story: –
2) Two Story: $A_a(2)$ –
3) Three Story: $A_a(3)$ –

d) Unlimited Area Building: Yes ____ 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

FOOTNOTES:

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

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architecture · planning · design

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FIRST FLOOR REMODEL
OGDEN, UTAH

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SHEET TITLE

INDEX SHEET

SHEET NUMBER

A-G1001

LEGEND

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

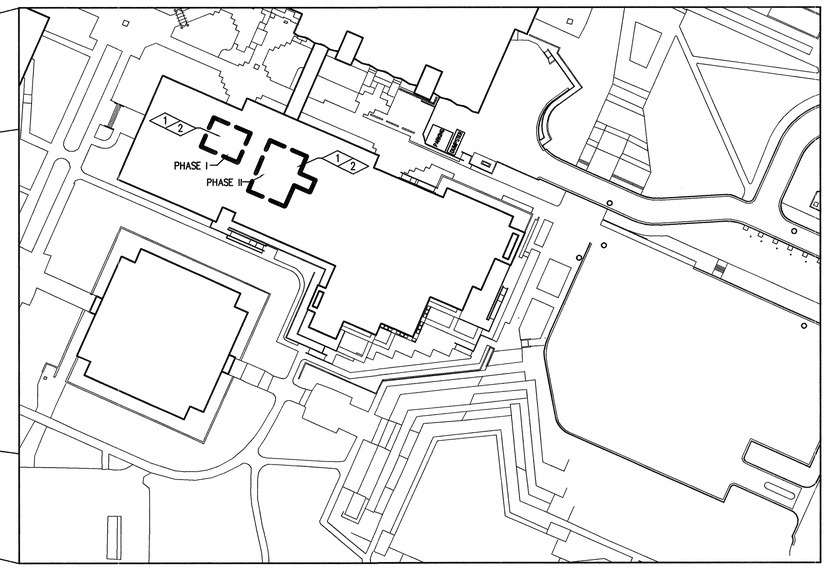
GENERAL NOTES

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

1. PROJECT LOCATION
2. GENERAL CONTRACTORS STAGING AREA

PLAN NORTH — 02 ASP100 PARTIAL CAMPUS PLAN AND PROJECT LOCATION
SCALE N.T.S.



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

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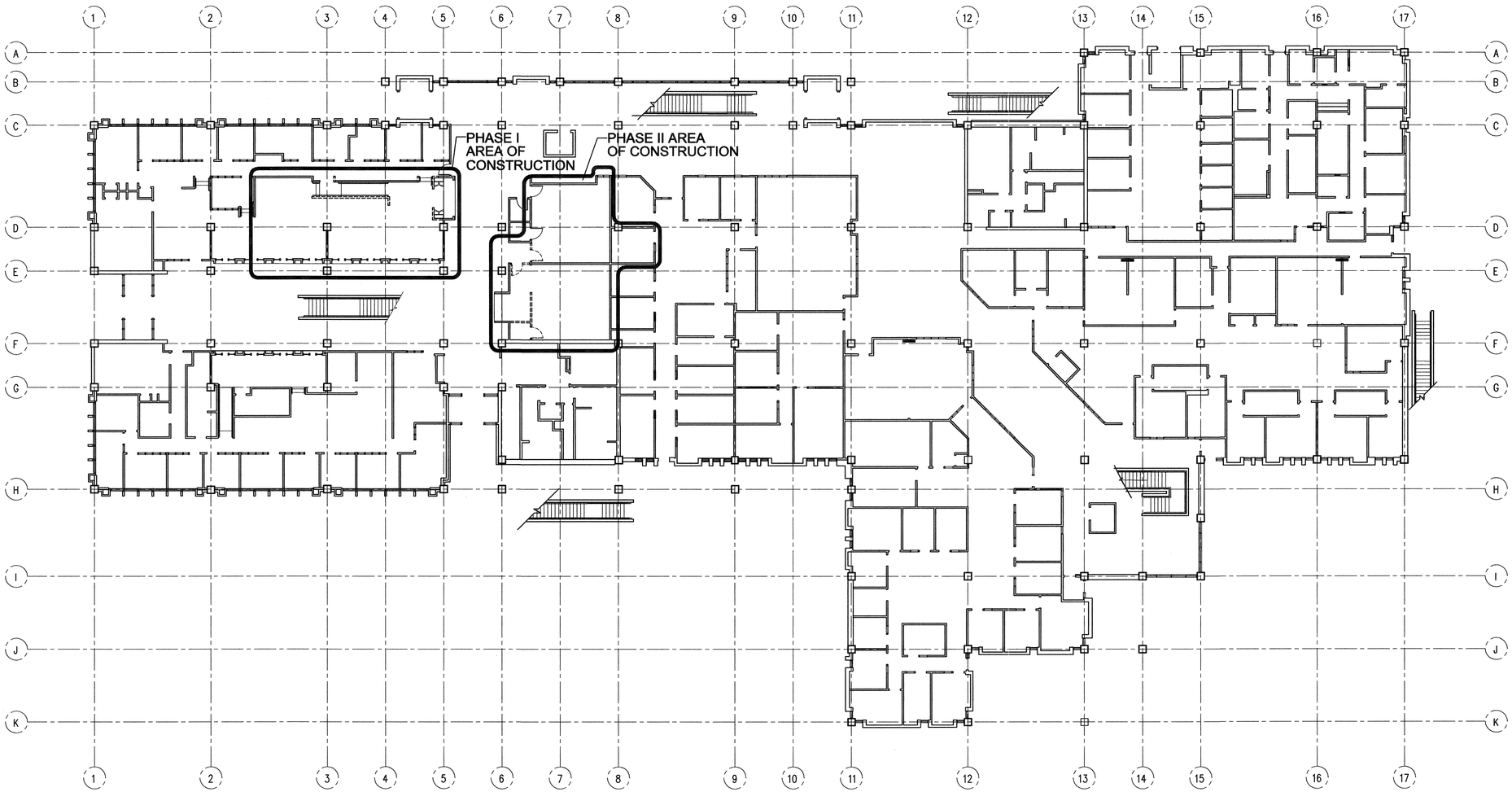
SITE PLAN

SHEET NUMBER

A-SP100



PLAN NORTH

01 APP101 LEVEL 1 ADMINISTRATION BUILDING PHASING PLAN

SCALE 1/16" = 1'-0"

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SHEET TITLE

CONSTRUCTION
PHASING PLAN

SHEET NUMBER

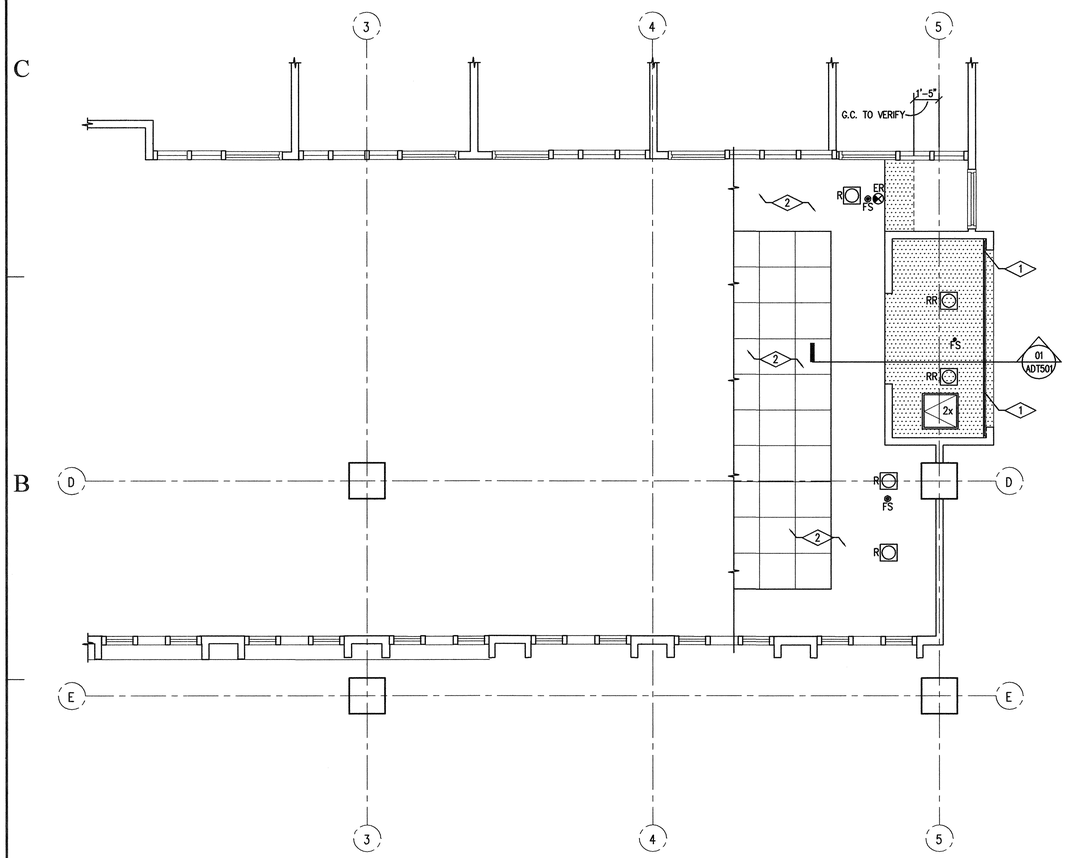
A-PP100

REFERENCE NOTES

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

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 PROFORMANCE 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 FRANING, AS SHOWN ON EXISTING SECTION DRAWING, TO BE REMOVED.



0 4' 8' 16'

PLAN NORTH

02 ADP100 PHASE 1 DEMOLITION CEILING PLAN

SCALE 1/8" = 1'-0"

REFERENCE NOTES

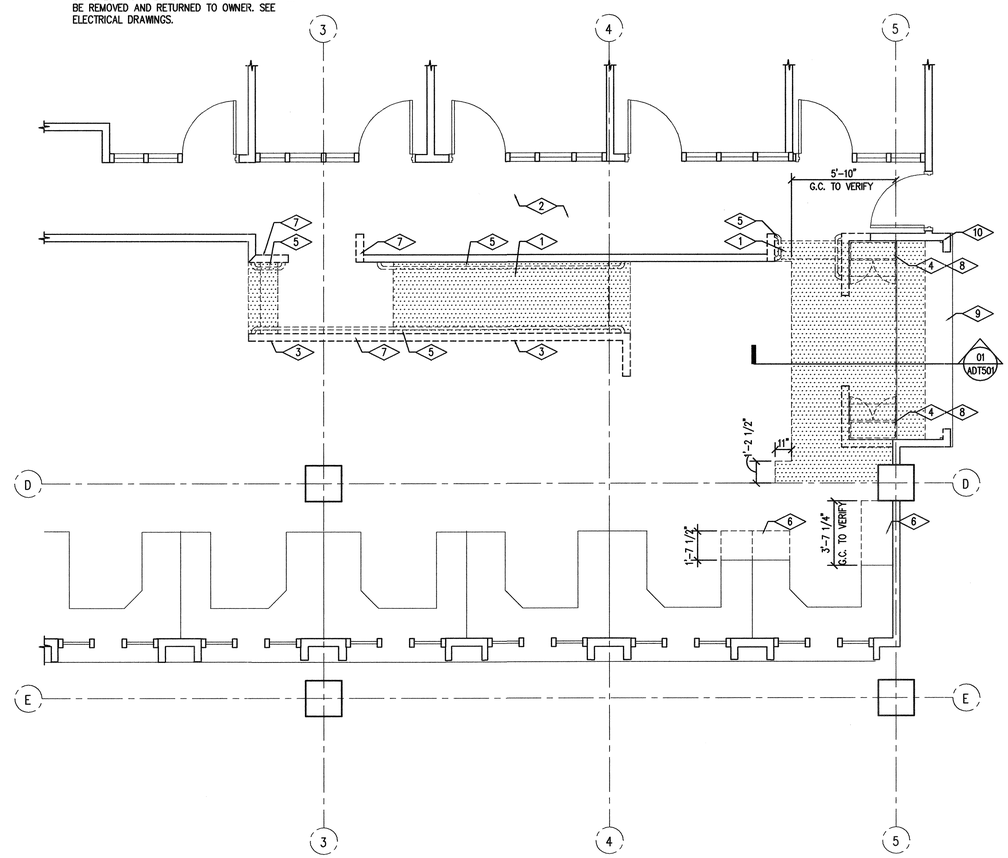
1. EXISTING CARPET AND RUBBER FLOOR BASE TO BE REMOVED AS NEEDED TO PERFORM WORK AS DESCRIBED.
2. EXISTING CORRIDOR TO REMAIN CLEAR AT ALL TIMES
3. DASHED LINE INDICATES LOCATION WHERE GENERAL CONTRACTOR SHALL REMOVE EXISTING GYPSUM BOARD AND METAL STUDS WALLS.
4. EXISTING UPPER CABINET CASEWORK TO BE RELOCATED, SEE NEW FLOOR PLAN, SECTIONS AND REFELECTED CEILING PLANS.
5. EXISTING METAL HAND RAILING TO BE REMOVED AMD RECONFIGURED TO AS SHOWN IN NEW FLOOR PLAN.
6. GENERAL CONTRACTOR SHALL CUT EXISTING COUNTER TOP BACK TO DISTANCE AS SHOWN. EXISTING BASE CABINETS TO BE REMOVED AND RETURNED TO OWNED. 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.
7. EXISTING WOOD WALL CAP TO BE REMOVED FOR INSTALLATION ON NEW WALL, SEE NEW FLOOR PLAN.
8. EXISTING BASE CABINETS AND COUNTERTOPS TO BE REMOVED AS NEEDED TO FOR NEW CONSTRUCTION, SEE EXISTING CASEWORK SECTION.
9. EXISTING KIOSKS COUNTER TOP TO REMAIN. GENERAL CONTRACTOR SHALL CUT COUNTER TOP AS REQUIRED FOR NEW CONSTRUCTION, SEE SECTIONS.
10. EXISTING OVERHEAD DOORS, DOOR TRACKS, DOOR SWITCHES AND OVERHEAD DOOR MOTORS ETC. TO BE REMOVED AND RETURNED TO OWNER. SEE ELECTRICAL DRAWINGS.

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 FRANING TO BE REMOVED. SEE DETAILS AND NEW FLOOR PLANS FOR LOCATIONS OF NEW RAISED FLOORING



0 4' 8' 16'

PLAN NORTH

01 ADP100 PHASE 1 DEMOLITION FLOOR PLAN

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PHASE 1
DEMOLITION FLOOR
AND CEILING PLANS

SHEET NUMBER
A-DP100

REFERENCE NOTES

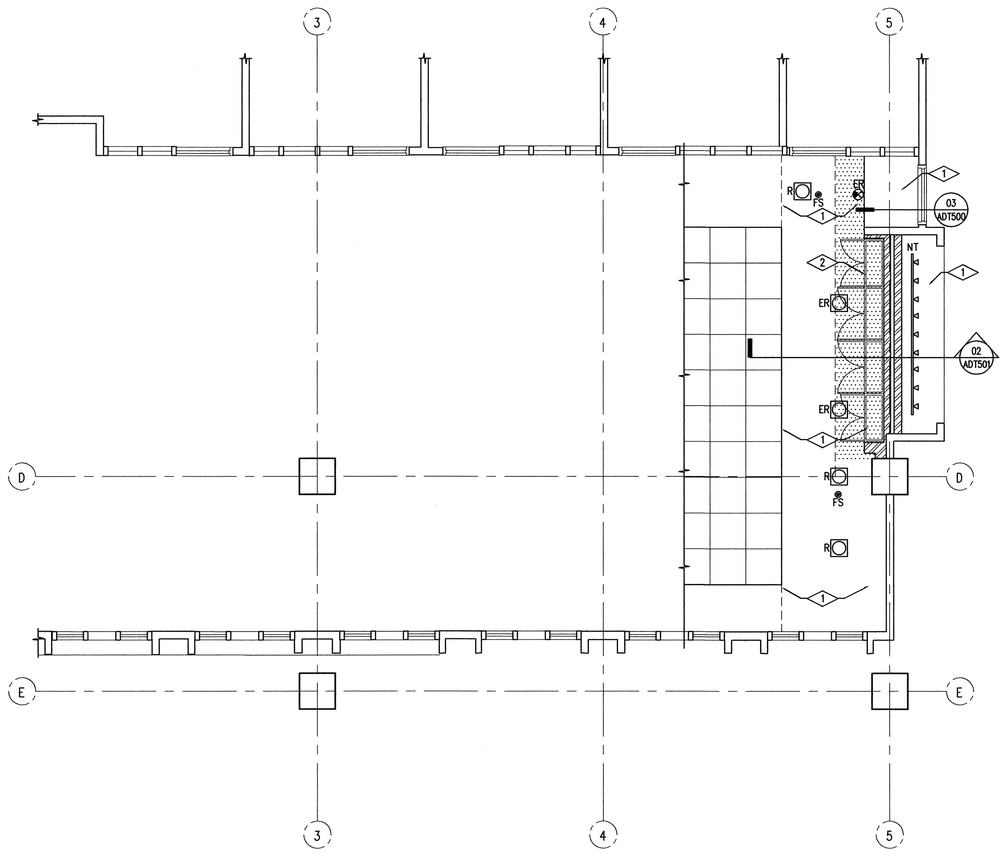
1. GENERAL CONTRACTOR SHALL PAINT GYPSUM BOARD SOFFIT TO MATCH EXISTING.
2. RELOCATED WALL CABINETS.

GENERAL NOTES

1. NONE

LEGEND

- 101 / 9'-0" / CT-1 — ROOM NUMBER / CEILING HEIGHT / CEILING TYPE
- N — NEW EXIT SIGN, SEE ELECTRICAL DRAWINGS.
- ER — EXISTING 2x4 LAY-IN CEILING FLUORESCENT LIGHT FIXTURE TO BE CLEANED AND RELOCATED AS PER NEW REFLECTED CEILING PLAN, SEE ELECTRICAL DRAWINGS
- ER — 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 FRANING. NEW CEILING TO MATCH HEIGHT OF EXISTING GYPSUM BOARD CEILING SYSTEM.
- SD — EXISTING SMOKE DETECTOR LOCATION. RELOCATE AS PER ELECTRICAL DRAWINGS.
- NT — NEW TRACK LIGHT FIXTURE, SEE ELECTRICAL DRAWINGS.
- ER — RELOCATED EXISTING RECESSED CAN LIGHT FIXTURE SEE NEW CEILING PLAN, SEE ELECTRICAL DRAWINGS
- R — EXISTING RECESSED CAN LIGHT FIXTURE TO REMAIN UNDISTURBED SEE NEW CEILING PLAN, SEE ELECTRICAL DRAWINGS
- FS — EXISTING FIRE SPRINKLER HEAD LOCATION. SEE PLUMBING PROFORMANCE SPECIFICATION FOR NEW HEAD LOCATION REQUIREMENTS.



0 4' 8' 16'

PLAN NORTH

02 AFP100 PHASE 1 NEW CEILING PLAN

SCALE 1/8" = 1'-0"

REFERENCE NOTES

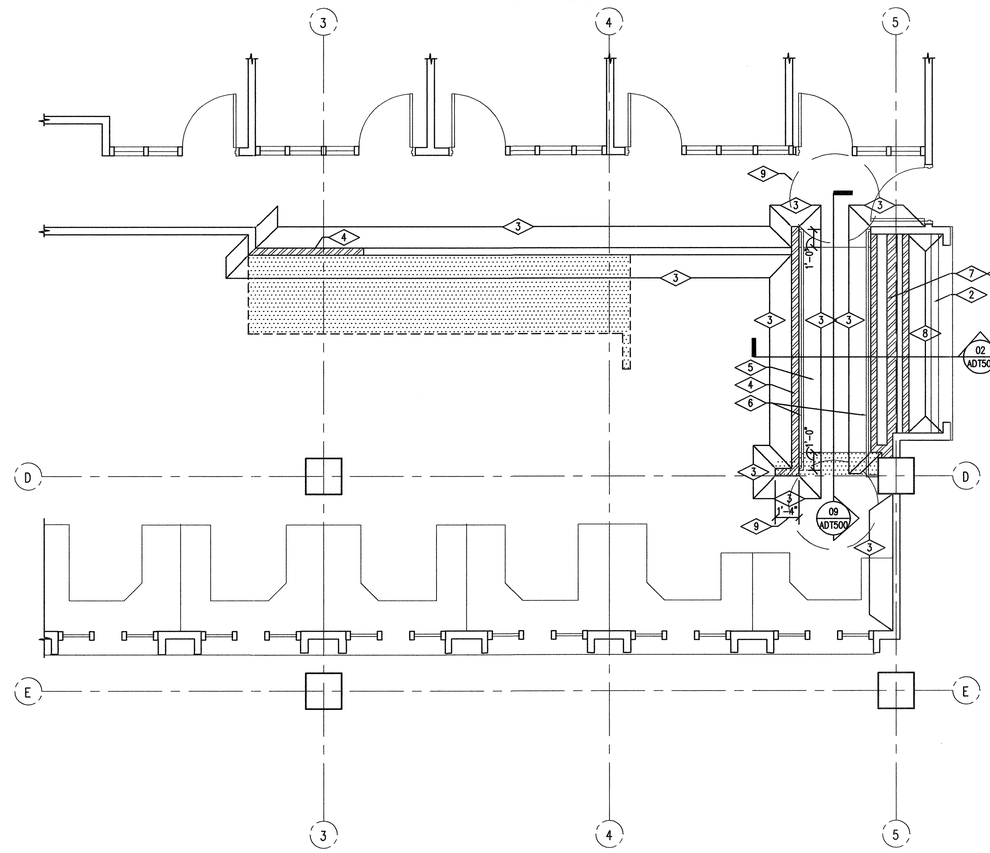
1. NEW GYPSUM BOARD WALL WITH WOOD WALL CAP. SEE SECTION.
2. NEW KIOSKS, SEE SECTIONS AND ELECTRICAL DRAWINGS
3. PAINT GYPSUM BOARD WALLS THIS LOCATION TO MATCH EXISTING, SEE SPECIFICATION
4. PROVIDE NEW WOOD WALL CAP AT NEW WALL LOCATIONS, WOOD WALL CAP TO MATCH EXISTING, SEE SECTIONS
5. NEW ADA ACCESS 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 ¾"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

- NEW GYPSUM BOARD WALL LOCATION, SEE WALL TYPES
- HATCH PATTERN INDICATES AREA WHERE GENERAL CONTRACTOR SHALL PROVIDE NEW RAISED FLOORING AND FRAMING. SEE RAISED FLOOR DETAILS.



0 4' 8' 16'

PLAN NORTH

01 AFP100 PHASE 1 NEW FLOOR PLAN

SCALE 1/8" = 1'-0"

State of Utah
Department of Administrative Services
Division of Facilities Construction & Management
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STATE OF UTAH KENT A. FRAZIER 261110 LICENSED ARCHITECT

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
CHK'D BY: SCOTT

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SHEET TITLE

PHASE 1 NEW FLOOR AND CEILING PLANS

SHEET NUMBER

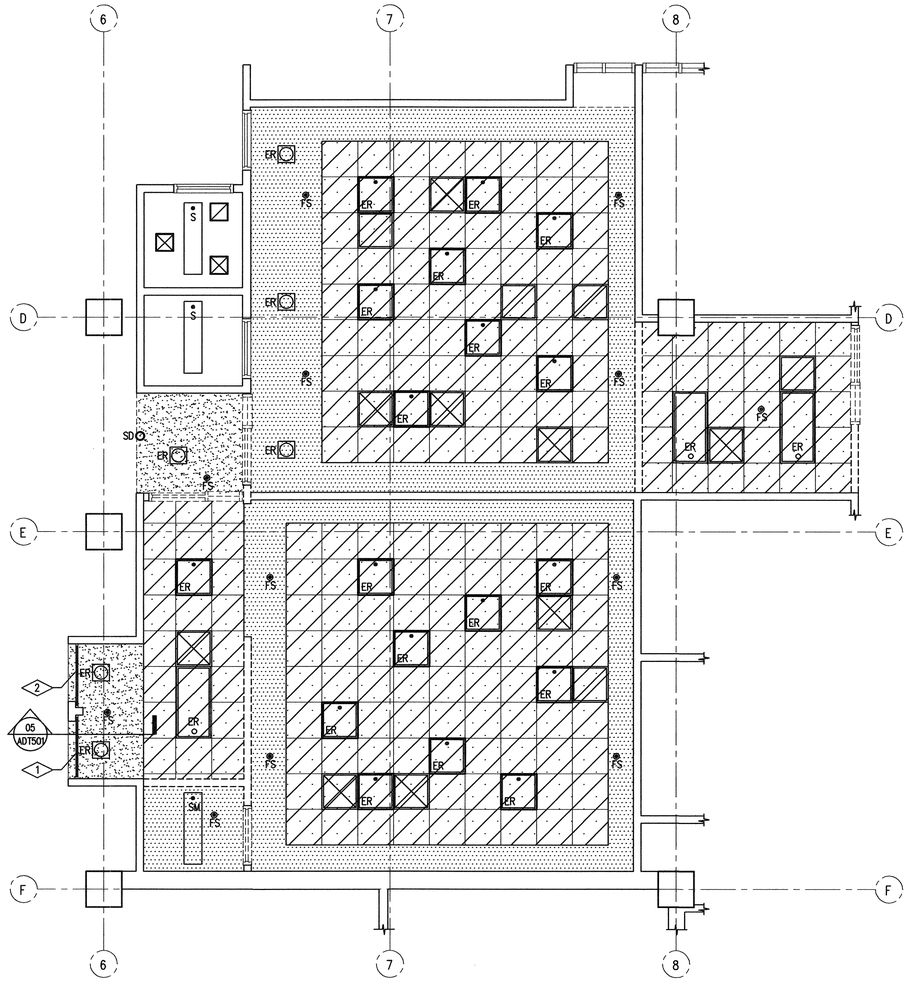
A-FP100

LEGEND

- E — EXISTING EXIT SIGN, TO REMAIN UNDISTURBED.
- ER — EXISTING 2x4 LAY-IN CEILING FLUORESCENT LIGHT FIXTURE TO BE REMOVED AND RELOCATED AS PER NEW REFLECTED CEILING PLAN
- SD — EXISTING SMOKE DETECTOR LOCATION. RELOCATE AS PER ELECTRICAL DRAWINGS.
- RETURN SUPPLY — 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
- FS — EXISTING FIRE SPRINKLER HEAD LOCATION. SEE PLUMBING PROFORMANCE SPECIFICATION FOR NEW HEAD LOCATION REQUIREMENTS.
- S — 1'x4' SURFACE MOUNTED LIGHT FIXTURE TO REMAIIN UNDISTURBED
- SM — 1'x4' SURFACE MOUNTED LIGHT FIXTURE TO BE REMOVED AND RETURNED TO OWNER, SEE ELECTRICAL DRAWINGS.
- ER — EXISTING RECESSED CAN LIGHT FIXTURE TO BE REMOVED AND REUSED OR RETURNED TO OWNER SEE NEW CEILING PLAN, SEE ELECTRICAL DRAWINGS
- ER — EXISTING 2x2 LAY-IN CEILING FLUORESCENT LIGHT FIXTURE TO BE REMOVED AND RELOCATED AS PER NEW REFLECTED 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 FRANING TO BE REMOVED.
- HATCH PATTERN IN AREAS OF CEILING PLAN INDICATES EXISTING GYPSUM BOARD AT CEILING TO BE REMOVED.

REFERENCE NOTES

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



0 4' 8' 16'

PLAN NORTH

01 ADP101 PHASE 2 DEMOLITION CEILING PLAN

SCALE 1/8" = 1'-0"

REFERENCE NOTES

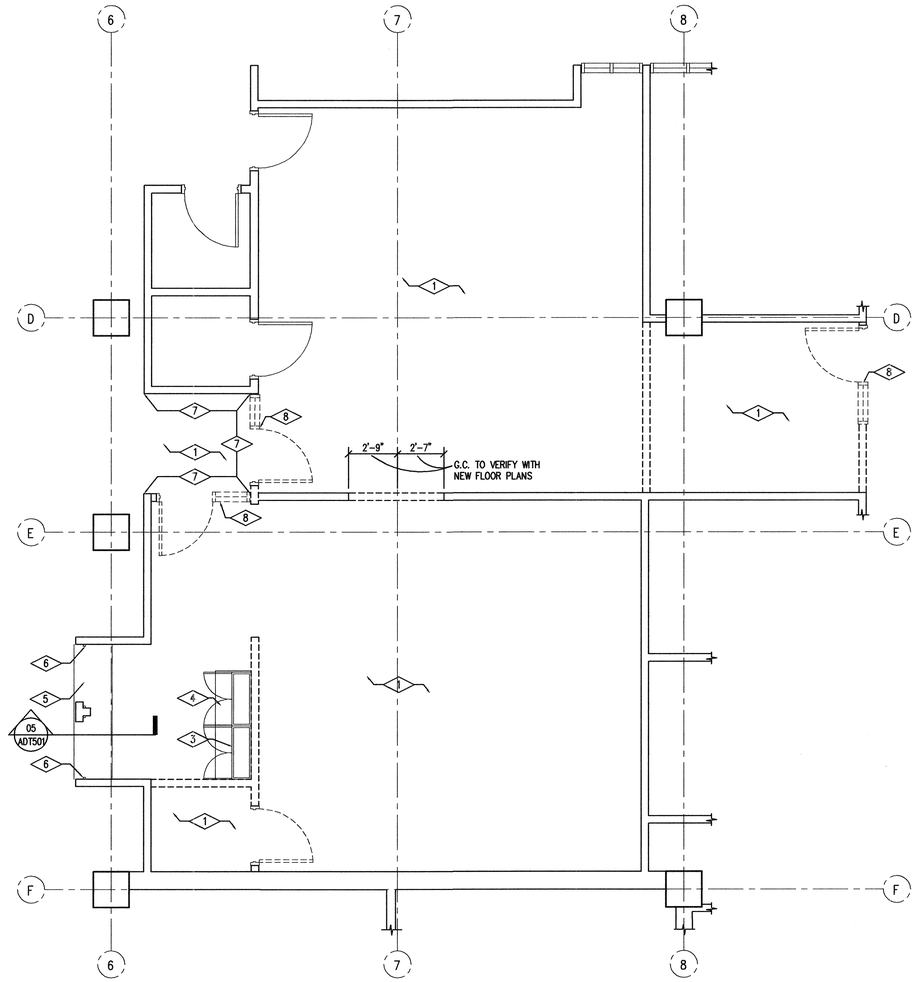
1. EXISTING CARPET AND RUBBER FLOOR BASE TO BE REMOVED AS NEEDED TO PERFORM WORK AS DESCRIBED.
2. DASHED LINE INDICATES LOCATION WHERE GENERAL CONTRACTOR SHALL REMOVE EXISTING GYPSUM BOARD AND METAL STUDS WALLS.
3. EXISTING UPPER CABINET CASEWORK TO BE RELOCATED AS PART OF PHASE I CONSTRUCTION, SEE PHASE I NEW FLOOR PLAN, SECTIONS AND REFELECTED CEILING PLANS.
4. EXISTING BASE CABINETS AND COUNTERTOPS TO BE REMOVED AND RETURNED TO OWNER.
5. EXISTING KIOSKS COUNTER TOP TO REMAIN. GENERAL CONTRACTOR SHALL CUT COUNTER TOP AS REQUIRED FOR NEW CONSTRUCTION, SEE SECTIONS.
6. EXISTING OVERHEAD DOORS, DOOR TRACKS, DOOR SWITCHES AND OVERHEAD DOOR MOTORS ETC. TO BE REMOVED AND RETURNED TO OWNER. SEE ELECTRICAL DRAWINGS.
7. EXISTING WOOD CHAIR RAINING AND WALL BASE TO BE REUSED FOR NEW CONSTRUCTION
8. EXISTING H.M. DOOR AND WINDOW FRAME TO BE REMOVED AND RETURNED TO OWNER.

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.



0 4' 8' 16'

PLAN NORTH

01 ADP101 PHASE 2 DEMOLITION FLOOR PLAN

SCALE 1/8" = 1'-0"

State of Utah
Department of Administrative Services
Division of Facilities Construction & Management
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STATE OF UTAH SCOTT A. PETERSON 261110 LICENSED ARCHITECT

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

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SHEET TITLE

PHASE 2
DEMOLITION FLOOR
AND CEILING PLANS

SHEET NUMBER

A-DP101

REFERENCE NOTES

1. GYPSUM BOARD SOFFIT ABOVE TO BE PRIMED AND PAINTED
2. NOTE

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.

LEGEND

101 / 9'-0" / CT-1 — ROOM NUMBER / CEILING HEIGHT / CEILING TYPE

N — NEW EXIT SIGN, SEE ELECTRICAL DRAWINGS.

ER — EXISTING 2x4 LAY-IN CEILING FLUORESCENT LIGHT FIXTURE TO BE CLEANED AND RELOCATED AS PER NEW REFLECTED CEILING PLAN, SEE ELECTRICAL DRAWINGS

ER — 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

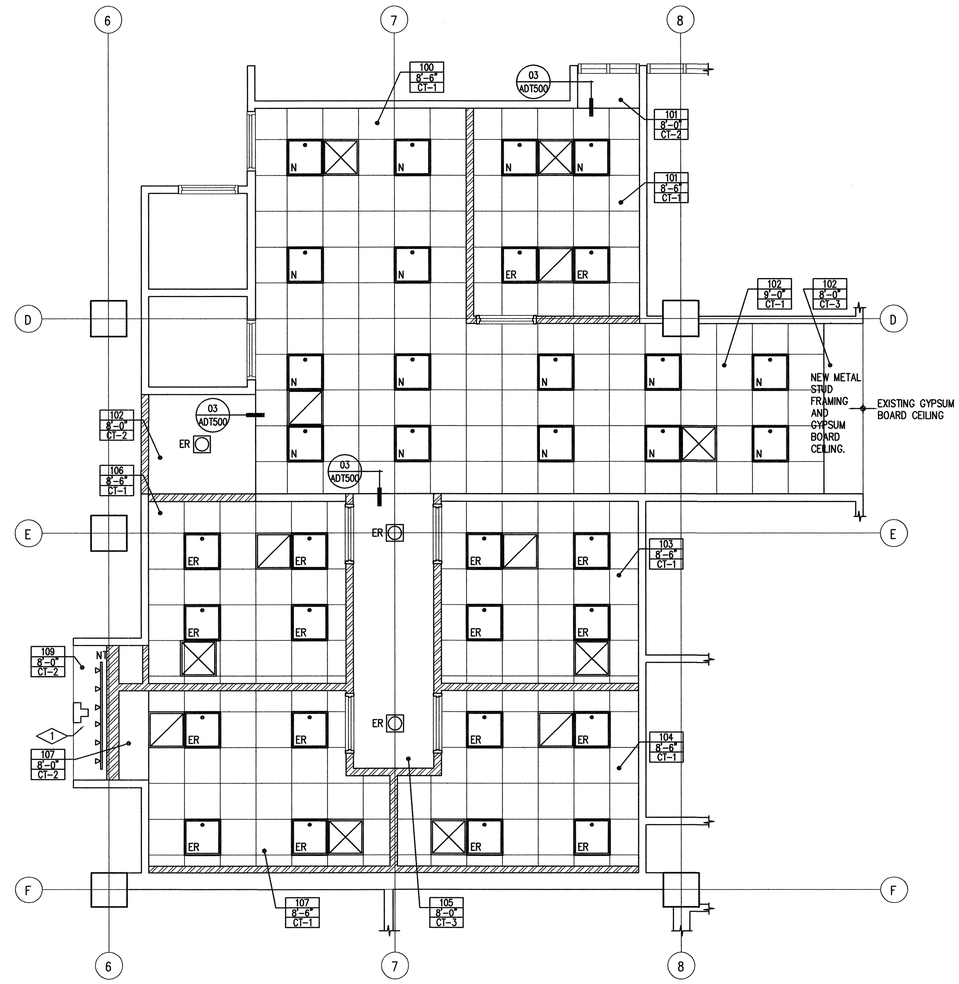
FS — EXISTING FIRE SPRINKLER HEAD LOCATION. SEE PLUMBING PROFORMANCE SPECIFICATION FOR NEW HEAD LOCATION REQUIREMENTS.

N — NEW 2x2 LAY-IN CEILING FLUORESCENT LIGHT FIXTURE TO MATCH EXISTING, SEE ELECTRICAL DRAWINGS

SD — EXISTING SMOKE DETECTOR LOCATION. RELOCATE AS PER ELECTRICAL DRAWINGS.

NT — NEW TRACK LIGHT FIXTURE, SEE ELECTRICAL DRAWINGS.

ER — RELOCATED EXISTING RECESSED CAN LIGHT FIXTURE SEE NEW CEILING PLAN, SEE ELECTRICAL DRAWINGS



0 4' 8' 16'

PLAN NORTH

01 / ADP101 PHASE 2 NEW CEILING PLAN

SCALE 1/8" = 1'-0"

REFERENCE NOTES

1. AT EXISTING WALL THAT ARE TO REMAIN THE GENERAL CONTRACTOR SHALL PATCH, REPAIR AND FINISH WALL SURFACES AT LOCATION WHERE THE PREVIOUS GYPSUM BOARD SOFFIT HAS BEEN REMOVED. THE GENERAL CONTRACTOR SHALL FINISH WALL TO CREATE A "LIKE NEW" APPEARANCE AND TO RECEIVE NEW PAINT COATING
2. GENERAL CONTRACTOR SHALL PAINT GYPSUM BOARD WALLS TO MATCH EXISTING, SEE SPECIFICATION
3. NEW ADA KIOSK COUNTERTOPS. WEBER STATE UNIVERSITY SHALL PROVIDE PLASTIC LAMINATE COUNTERTOPS. GENERAL CONTRACTOR SHALL INSTALL AND PROVIDE ALL REQUIRED NAILERS.
4. EXISTING COUNTERTOPS TO REMAIN UNDISTURBED, SEE SECTION
5. GENERAL CONTRACTOR SHALL REPLACE WOOD BASE AND CHAIR RAILING AT NEW WALL LOCATION TO MATCH EXISTING.
6. 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.
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4. GENERAL CONTRACTOR SHALL PROVIDE A 6 MIL POLYETHYLENE DUST BARRIER FROM FLOOR TO 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 CLEAN ALL CARPET, 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 CONTRACTOR'S 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.

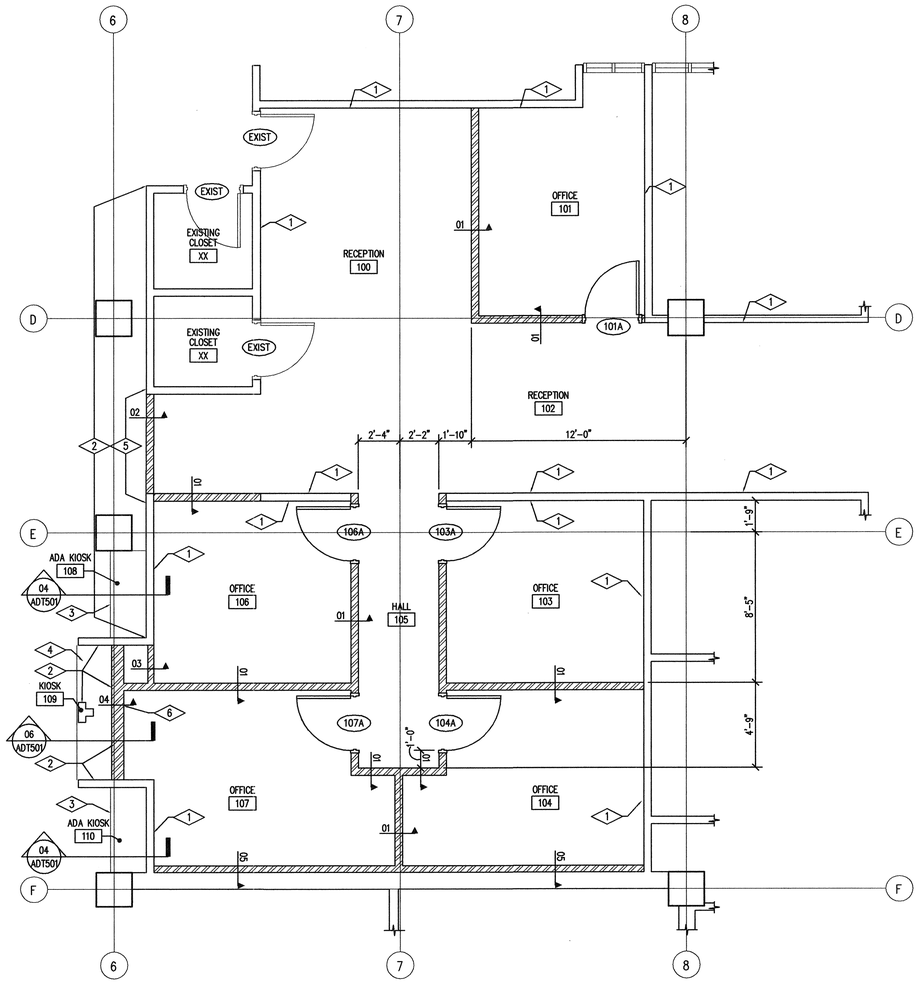
LEGEND

RM. NAME / 100 — ROOM TAG

101A — DOOR TAG

03 — WALL TYPE, SEE WALL TYPE THIS SHEET

NEW GYPSUM BOARD WALL LOCATION, SEE WALL TYPES



0 4' 8' 16'

PLAN NORTH

01 / ADP101 PHASE 2 NEW FLOOR PLAN

SCALE 1/8" = 1'-0"

State of Utah
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Weber State University

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STATE OF UTAH — STEVEN K. PEAK — 261110 — 1/28/08 — LICENSED ARCHITECT

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

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SHEET TITLE
PHASE 2 NEW FLOOR AND CEILING PLANS

SHEET NUMBER
A-FP101

ROOM FINISH SCHEDULE PHASE II

ROOM NO.	ROOM NAME	FLOOR	BASE	WALLS NORTH	WALLS EAST	WALLS SOUTH	WALLS WEST	CEILING TYPE	CEILING HEIGHT	NOTES
100	RECEPTION	F1	B1	W1	W1	W1	W1	CT1	8'-6"	
101	OFFICE	F1	B1	W1	W1	W1	W1	CT1/CT2	8'-6"	
102	RECEPTION	F1	B1	W1	W1	W1	W1	CT1/CT3	8'-6"	
103	OFFICE	F1	B1	W1	W1	W1	W1	CT1	8'-6"	
104	OFFICE	F1	B1	W1	W1	W1	W1	CT1	8'-6"	
105	HALL	F1	B1	W1	W1	W1	W1	CT3	8'-0"	
106	OFFICE	F1	B1	W1	W1	W1	W1	CT1	8'-6"	
107	OFFICE	F1	B1	W1	W1	W1	W1	CT1/CT2	8'-6"	
108	ADA KIOSK	SEE FLOOR AND CEILING PLANS FOR FINISHES IN THESE SPACES								
109	KIOSK	SEE FLOOR AND CEILING PLANS FOR FINISHES IN THESE SPACES								
110	ADA KIOSK	SEE FLOOR AND CEILING PLANS FOR FINISHES IN THESE SPACES								

DOOR AND FRAME SCHEDULE PHASE II

DOOR	SINGLE/PAIR	DOOR SIZE WxH	DOOR DEPTH	DOOR TYPE	DOOR MATL	DOOR FINISH	FRAME DEPTH	FRAME TYPE	FRAME MATL	FRAME FINISH	DETAIL HEAD	DETAIL JAMB	DETAIL THRSH	HARD-WARE SET	FIRE RATING DOOR & FRAME	NOTES
100A	S	3'-0" X 7'-0"	1 3/4"	A	W.D.	STAINED	6"	01	H.M.	PAINTED	04/ADT500	04/ADT500	NONE	01	NONE	
103A	S	3'-0" X 7'-0"	1 3/4"	A	W.D.	STAINED	6"	01	H.M.	PAINTED	04/ADT500	04/ADT500	NONE	01	NONE	
104A	S	3'-0" X 7'-0"	1 3/4"	A	W.D.	STAINED	6"	01	H.M.	PAINTED	04/ADT500	04/ADT500	NONE	01	NONE	
106A	S	3'-0" X 7'-0"	1 3/4"	A	W.D.	STAINED	6"	01	H.M.	PAINTED	04/ADT500	04/ADT500	NONE	01	NONE	
107A	S	3'-0" X 7'-0"	1 3/4"	A	W.D.	STAINED	6"	01	H.M.	PAINTED	04/ADT500	04/ADT500	NONE	01	NONE	

BASE TYPES

B1	BASE BY OWNER

FLOOR FINISHES

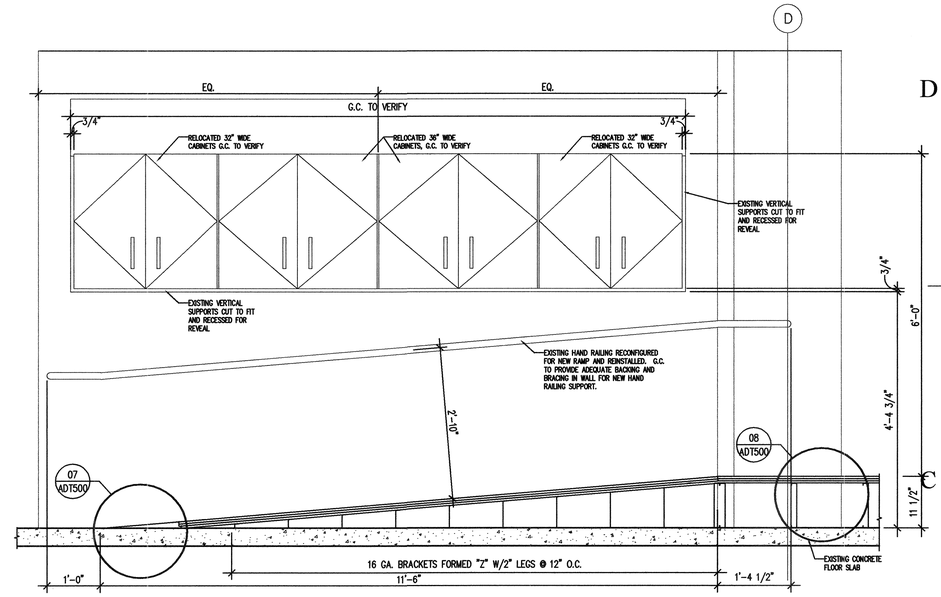
F1	CARPET BY OWNER

WALL FINISHES

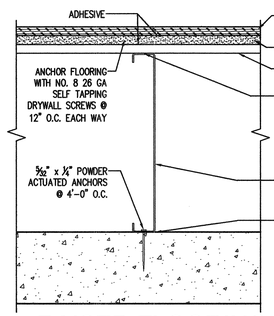
W1	PRIMED AND PAINTED GYPSUM BOARD WALLS, SEE SPECIFICATION

CEILING TYPES

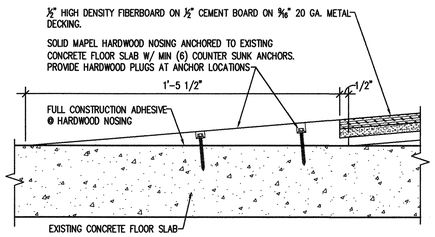
CT1	NEW OR REUSED 2'x2' LAY-IN CEILING TILE IN NEW SUSPENDED GRID SYSTEM, SEE SPECITFICATION.
CT2	PRIMED AND PAINTED NEW 5/8" TYPE "X" GYPSUM BOARD ATTACHED TO EXISTING AND NEW METAL STUD CEILING SYSTEM, SEE DEMOLITION PLAN AND CEILING DETAIL 03/ADT500
CT3	PRIMED AND PAINTED NEW 5/8" TYPE "X" GYPSUM BOARD ATTACHED TO NEW 3-5/8" METAL STUD FRAMING AT 16" O.C.



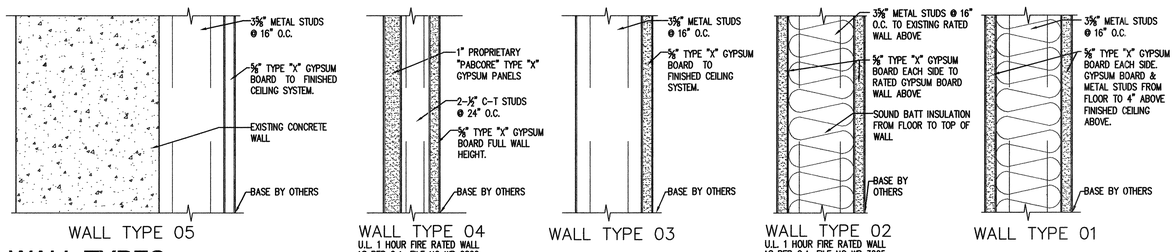
WALL08 09 ADT500 **RAMP SECTION**
SCALE 3/4" = 1'-0"



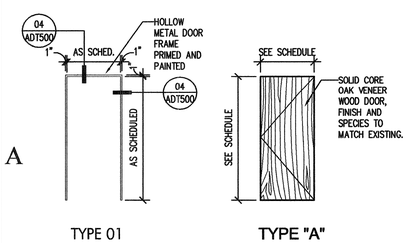
9-05.dwg 08 ADT500 **RAISED FLOORING DETAIL**
SCALE 3" = 1'-0"



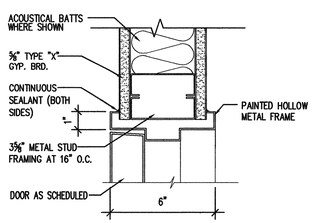
9-05.dwg 07 ADT500 **RAMP NOSING DETAIL**
SCALE 3" = 1'-0"



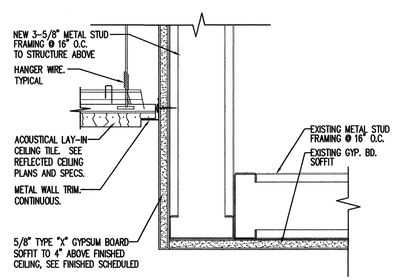
9-05.dwg 06 ADT500 **WALL TYPES**
SCALE 3" = 1'-0"



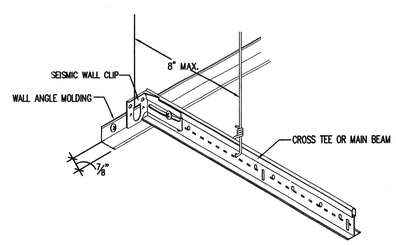
T-02.dwg 05 ADT500 **DOOR & FRAME TYPE**
SCALE 1/4" = 1'-0"
1



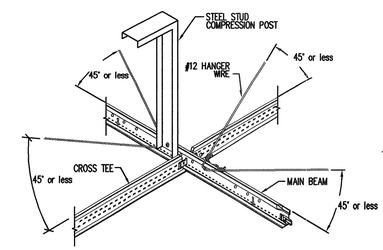
9-05.dwg 04 ADT500 **JAMB / HEAD DETAIL**
SCALE 3" = 1'-0"
2



2(T3).dwg 03 ADT500 **SOFFIT DETAIL**
SCALE 3" = 1'-0"
3



T-02.dwg 02 ADT500 **LAY-IN CEILING DETAIL**
SCALE 3" = 1'-0"
4



T-02.dwg 01 ADT500 **HORIZONTAL RESTRAINT**
SCALE 3" = 1'-0"
5

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STATE OF UTAH SCOTT R. BRIAN 261170 12-28-08 LICENSED ARCHITECT

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:
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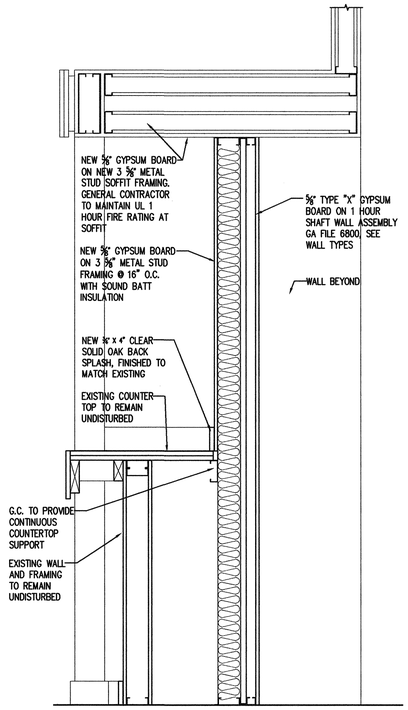
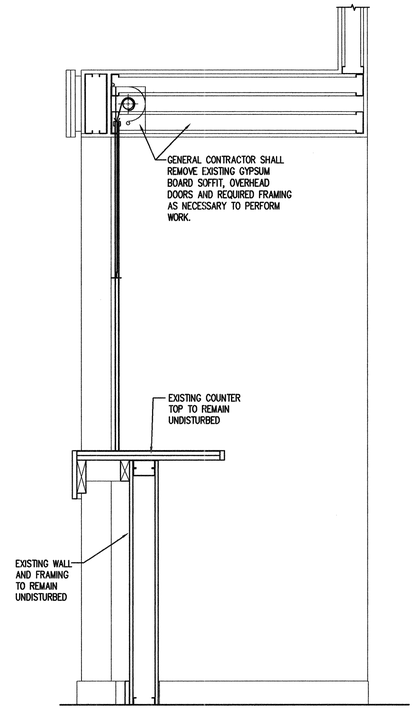
SHEET TITLE
DOOR AND FINISH SCHEDULES
DOOR, CEILING & MISC. DETAILS

SHEET NUMBER
A-DT500



06 ADT501 **NEW CASEWORK SECTION**
SCALE 1" = 1'-0"



05 ADT501 **EXISTING CASEWORK SECTION**
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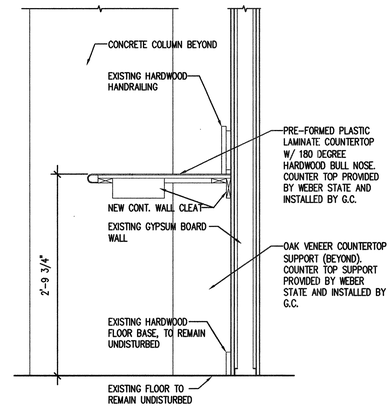

04 ADT501 **ADA COUNTER SECTION**
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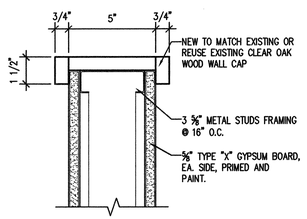
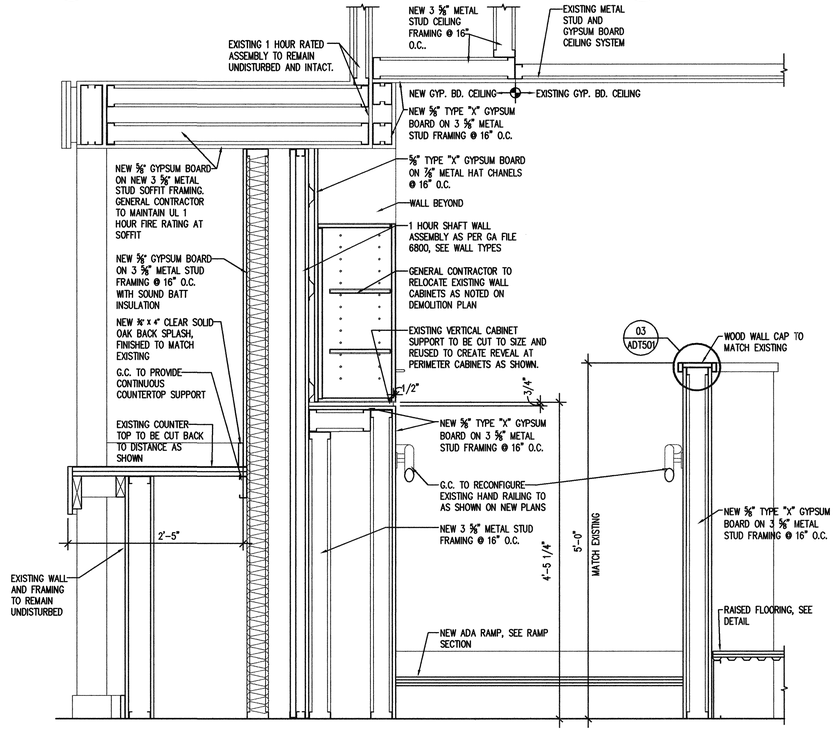


03 ADT501 **WALL CAP DETAIL**
SCALE 3" = 1'-0"



02 ADT501 **NEW CASEWORK/KIOSK SECTION**
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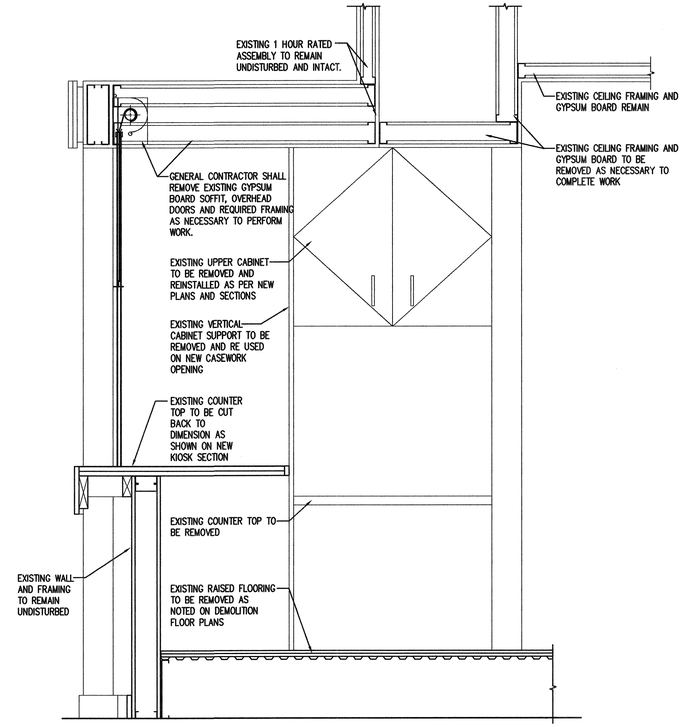

01 ADT501 **EXISTING CASEWORK/COUNTER SECTION**
SCALE 1" = 1'-0"

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STATE OF UTAH SCOTT A. PETERSEN 261110 LICENSED ARCHITECT

☐ 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

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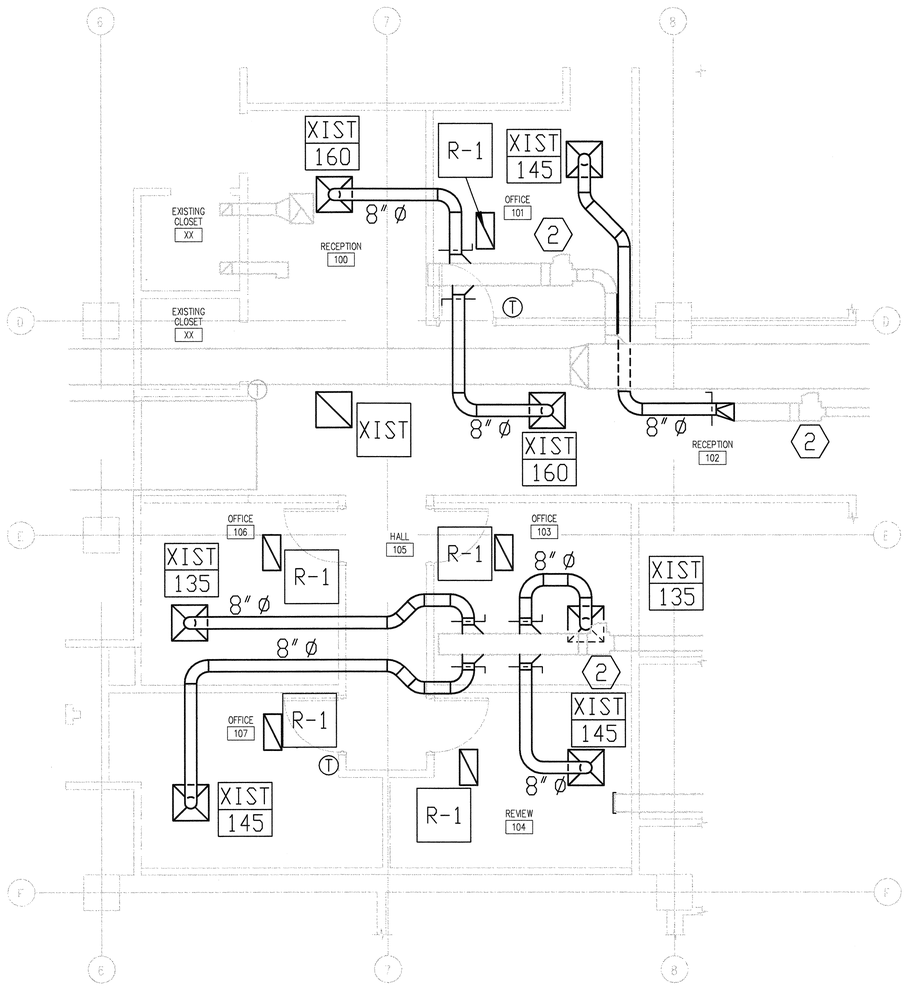
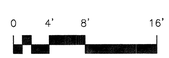
CASEWORK SECTIONS

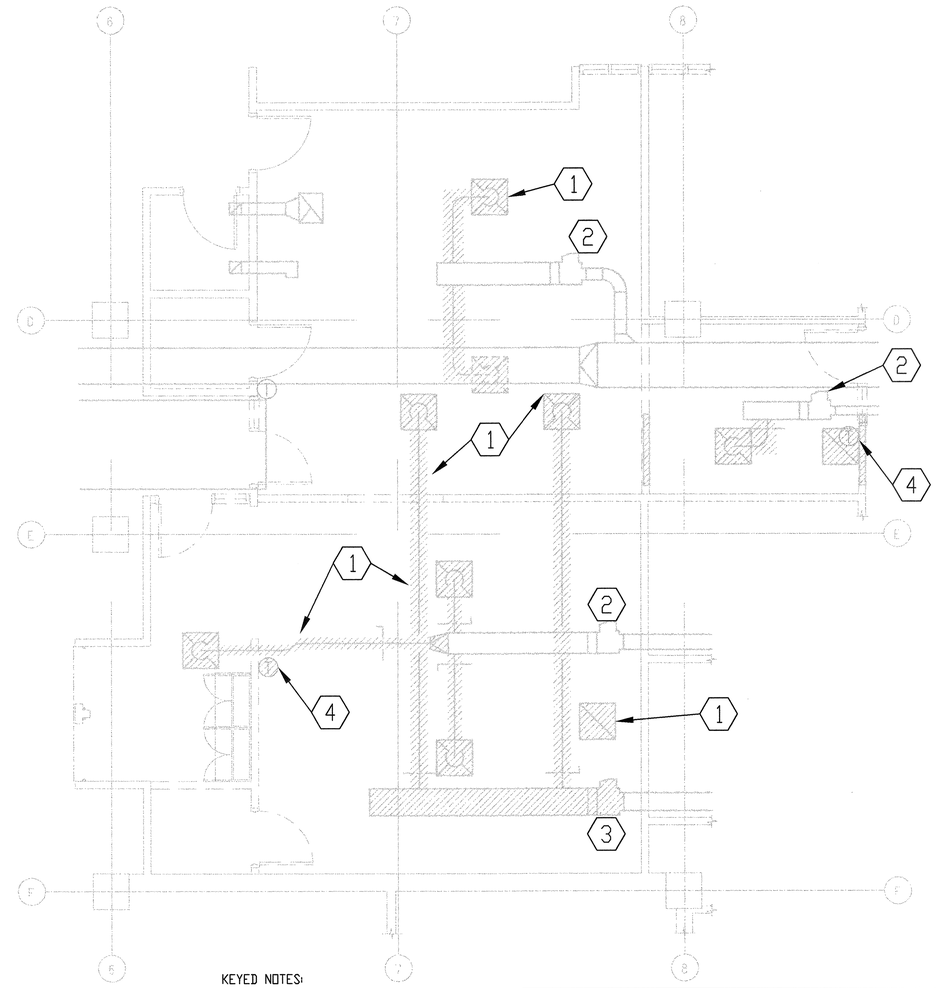
SHEET NUMBER
A-DT501

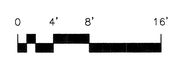




PHASE 2 NEW MECHANICAL PLAN

PLAN NORTH — 2 MFP100 — SCALE 1/4" = 1'-0"





PHASE 2 MECHANICAL DEMOLITION PLAN

PLAN NORTH — 01 MFP100 — SCALE 1/4" = 1'-0"

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.

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OGDEN, UTAH

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MAIN LEVEL
PHASE I AND II
CONSTRUCTION DOCUMENTS

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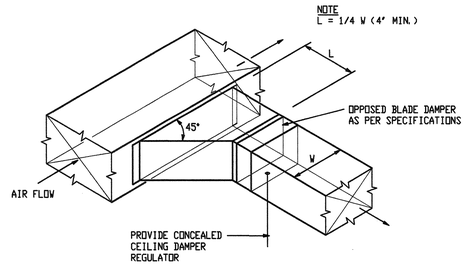
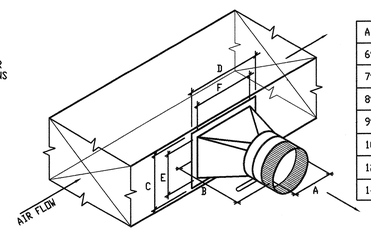
SHEET TITLE
PHASE 2
MECHANICAL PLANS

SHEET NUMBER
M-100



1 BRANCH DUCT TAKE-OFF & DAMPER DETAIL
SCALE NONE



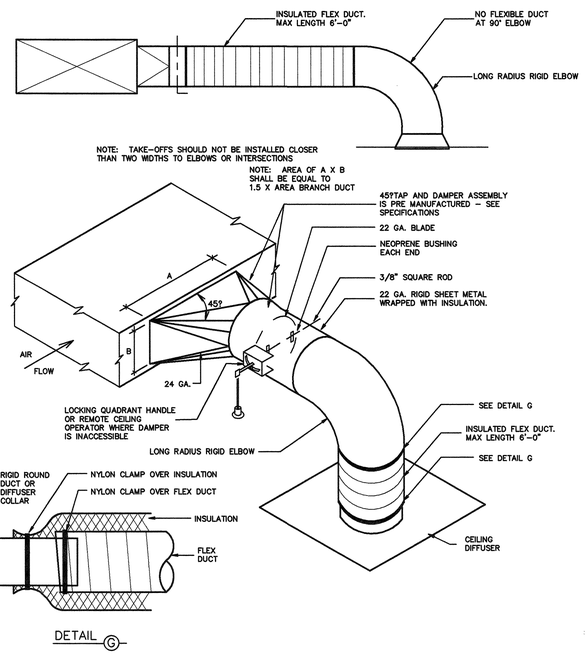
				CUT HOLE SIZE	
A	B	C	D	E	F
6"	10	8-1/4	11	6	9
7"	10	9-1/4	12	7	10
8"	10	10-1/4	13	8	11
9"	11-1/2	11-1/4	14	9	12
10"	11-1/2	12-1/4	14	10	12
12"	11-1/2	14-1/4	16	12	14
14"	12-1/2	16-1/4	18	14	16

2 ROUND BRANCH DUCT TAKE-OFF & DAMPER DETAIL
SCALE NONE

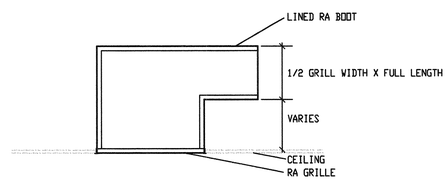
RETURN GRILLE SCHEDULE

MARK	NECK SIZE	SERVES	MANUFACTURER	MODEL
R-1	22"X22"	RA	TITUS	50F ①

① PROVIDE WITH SOUND BOOT, SEE DETAIL #4.



3 SQUARE TO ROUND TAKE-OFF DETAIL
SCALE NONE



4 RA SOUND BOOT DETAIL
SCALE NONE

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SHEET TITLE
MECHANICAL SCHEDULE & DETAILS

SHEET NUMBER
M-200

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	
	WALL-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	
	WALL-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 IN AN EXAMPLE OF AN EMERGENCY (NON-EGRESS) LIGHT FIXTURE. EMERGENCY FIXTURES ARE FULLY-SHADED.
	CEILING MOUNTED EXIT SIGN	CEILING	
	WALL-MOUNTED EXIT SIGN	WALL ABOVE DOOR	DARKENED PORTION OF SIGN INDICATES FACE(S); ARROW(S) INDICATE CHEVRON DIRECTION(S)
	WALL-MOUNTED EXIT SIGN W/ EMERGENCY LIGHT FIXTURE	WALL ABOVE DOOR	
TC	TIME CLOCK		
	EMERGENCY LIGHT FIXTURE	AS NOTED	
P	ELECTRIC PHOTOCELL	N/A	MOUNT ON ROOF FACING NORTH SKY
XX	LIGHT FIXTURE CALLOUT (LETTER DENOTES FIXTURE TYPE)		

CLOCK SYMBOLS

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

SECURITY SYMBOLS

SYMBOL	DESCRIPTION	MOUNTING	REMARKS
MD	MOTION DETECTOR	CEILING	SUBSCRIPT DENOTES DEGREES OF MONITORED AREA
D	DURESS PUSH-BUTTON	BELOW DESK	
OHS	OVERHEAD MAGNETIC CONTACT DOOR SWITCH	DOOR	
	MAGNETIC CONTACT DOOR SWITCH	DOOR	
	GLASS BREAK DETECTOR	CEILING	
S	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
XX	KEYED NOTE	
1 E-1	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.
2 E-2	ELEVATION REFERENCE	TOP NUMBER INDICATES ELEVATION NUMBER; BOTTOM LETTER-NUMBER INDICATES WHERE ELEVATION IS SHOWN.
3 E-3	SECTION REFERENCE	TOP NUMBER INDICATES SECTION NUMBER; BOTTOM LETTER NUMBER INDICATES WHERE SECTION IS SHOWN.
100	ARCHITECTURAL ROOM NUMBER	
AHU 1	EQUIPMENT NAME / NUMBER	TOP NUMBER ABBREVIATES EQUIPMENT NAME OR TYPE; BOTTOM NUMBER INDICATES EQUIPMENT NUMBER. REFER TO EQUIPMENT SCHEDULE.
1	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. SHORT CROSS LINES: NUMBER OF SHORT CROSS LINES INDICATES NUMBER OF PHASE, TRAVELER, AND/OR SWITCHED CONDUCTORS REQUIRED IF GREATER THAN 1 (ONE). LONG CROSS LINES: NUMBER OF LONG CROSS LINES INDICATES NUMBER OF NEUTRAL CONDUCTORS REQUIRED FOR MULTI-WIRE HOME RUNS. 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.
	2 CIRCUIT, 3 WIRE BRANCH CIRCUIT HOME RUN TO PANEL	
	3 CIRCUIT, 4 WIRE BRANCH CIRCUIT HOME RUN TO PANEL	
	MULTIPLE WIRE BRANCH CIRCUITING BETWEEN FIXTURES, SWITCHES, DEVICES, ETC.	
	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	
J	JUNCTION BOX	MOUNT AS NOTED. SUBSCRIPT 'F' INDICATES TO PROVIDE A FLOOR BOX WITH BLANK COVERPLATE

ELECTRONIC SYSTEM GENERAL SYMBOLS

SYMBOL	DESCRIPTION	MOUNTING	REMARKS
PANEL NAME	ELECTRONIC SYSTEM PANELBOARD (SURFACE MOUNT)	TOP AT 72"	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.
PANEL NAME	ELECTRONIC SYSTEM PANELBOARD (FLUSH MOUNT)	TOP AT 72"	
	ELECTRONIC SYSTEM TERMINAL BOARD	TOP AT 72"	

TELEPHONE / DATA SYMBOLS

SYMBOL	DESCRIPTION	MOUNTING	REMARKS
	TELEPHONE OUTLET	+18"	
	DATA OUTLET	+18"	
	COMBINATION TELEPHONE/DATA OUTLET	+18"	
	TELEPHONE TERMINAL BOARD	TOP AT 72"	

ELECTRICAL SHEET INDEX

E-GE001	SYMBOL SCHEDULE
E-GE002	SYMBOL & LIGHT FIXTURE SCHEDULES
E-GE501	DETAILS
E-DP100	PHASE I DEMOLITION PLANS
E-DP101	PHASE 2 DEMOLITION PLANS
E-EE100	OVERALL ELECTRICAL PLAN
E-EP100	PHASE I ELECTRICAL PLANS
E-EP101	PHASE 2 ELECTRICAL PLANS

ABBREVIATION SCHEDULE

NOTE: NOT ALL ABBREVIATIONS MAY BE USED.

A	ABOVE COUNTER	ISO	ISOLATED
A	AMP OR AMPS	KVA	KILO VOLT AMPERES
ADJ	ADJACENT	KW	KILOWATTS
AFF	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.I.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	REQ.	REQUIREMENTS
EQUIP	EQUIPMENT	RMC	RIGID METAL CONDUIT
EWC	ELECTRIC WATER COOLER	RNC	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	TYP	TYPICAL
FMC	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
IMC	INTERMEDIATE METAL CONDUIT	XFMR	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 COMPETE 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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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
CHK'D BY: JRO

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SHEET TITLE

SYMBOL SCHEDULE

SHEET NUMBER

E-GE001

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FIRE ALARM SYMBOLS

SYMBOL	DESCRIPTION	MOUNTING	REMARKS
BDT	BEAM DETECTOR - TRANSMITTER	4" BELOW CEILING TO TOP OF DETECTOR	
BDR	BEAM DETECTOR - RECEIVER	4" BELOW CEILING TO TOP OF DETECTOR	
EOL	END OF LINE DEVICE	PER MANUFACTURER RECOMMENDATIONS	
T	TAMPER SWITCH	AT VALVE	
W	WATER FLOW INDICATOR	ON FIRE RISER	
FSD	FIRE/SMOKE DAMPER	TOP AT 72"	
	HEAT DETECTOR	CEILING	
	SMOKE DETECTOR	CEILING	
D	DUCT SMOKE DETECTOR	SIDE OF DUCT	
F	FIRE ALARM MANUAL STATION	+48"	
Z	CONTROL MODULE	AT DEVICE(S) TO BE CONTROLLED	
I	MONITOR MODULE	AT DEVICE(S) TO MONITOR	
R	FAN SHUTDOWN RELAY	AT FAN CONTROL PANEL	
D	MAGNETIC DOOR HOLDER	COORDINATE WITH DOOR INSTALLER	COORDINATE WITH DOOR INSTALLER; SUBSCRIPT 'F' INDICATES TO MOUNT AT FLOOR LEVEL
FD	WATER FLOOD INDICATOR	FLOOR	
H	AUDIO HORN	MOUNT AT LESSOR OF EITHER 80" AFF OR 6" BELOW CEILING.	SUBSCRIPT 'WP' INDICATES THAT A WEATHER PROOF BACK BOX IS REQ. SUBSCRIPT 'C' INDICATES CEILING MOUNTING. NUMERIC SUBSCRIPT INDICATES CANDELLA RATING OF STROBE (I.E. - 15, 75, 110)
H	MINI AUDIO HORN		
S	FIRE ALARM VISUAL STROBE		
S	FIRE ALARM AUDIO/VISUAL HORN/STROBE		
H	MINI AUDIO/VISUAL HORN/STROBE		
S	FIRE ALARM AUDIO SPEAKER		
S	FIRE ALARM AUDIO/VISUAL SPEAKER/STROBE		
	FIRE PROTECTION SPRINKLER RISER BELL	+90"	FURNISHED BY FIRE PROTECTION CONTRACTOR AND INSTALLED AND CONNECTED BY DIV. 16000

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	
IG	MULTI-SERIVCE 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	PROVIDE ELECTRICAL CONNECTIONS TO SYSTEMS FURNITURE. COORDINATE PLACEMENT OF OUTLETS WITH SYSTEM FURNITURE INSTALLER PRIOR TO ROUGH-IN.
P	POKE-THRU WITH FURNITURE FEED CONNECTIONS. (POWER ONLY)	FLOOR	
C	POKE-THRU WITH FURNITURE FEED CONNECTIONS. (COMMUNICATIONS ONLY)	FLOOR	
P	OUTLET BOX WITH FURNITURE FEED CONNECTIONS. (POWER ONLY)	+18"	
C	OUTLET BOX WITH FURNITURE FEED CONNECTIONS. (COMMUNICATIONS ONLY)	+18"	
P	UNDERFLOOR DISTRIBUTION BOX WITH FURNITURE FEED CONNECTIONS. (POWER ONLY)	BELOW RAISED FLOOR	
C	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"	
$G	SINGLE-POLE TOGGLE SWITCH	+48"	SUBSCRIPT KEYS SWITCH TO FIXTURES CONTROLLED.
$2	DOUBLE-POLE TOGGLE SWITCH	+48"	
$3	THREE-WAY TOGGLE SWITCH	+48"	
$4	FOUR-WAY TOGGLE SWITCH	+48"	
$K	KEY-OPERATED SINGLE-POLE TOGGLE SWITCH	+48"	
$P	SINGLE-POLE TOGGLE SWITCH WITH PILOT LIGHT	+48"	
$DIM	DIMMER SWITCH	+48"	RATE DIMMER SWITCH FOR MAXIMUM POSSIBLE WATTAGE
$TIM	TIMER SWITCH	+48"	
$$	(2) SINGLE-POLE TOGGLE SWITCH	+48"	DUAL LEVEL SWITCH OUTBOARD LAMPS SEPARATELY FROM INBOARD LAMPS.
$LV	LOW VOLTAGE MOMENTARY CONTACT SWITCH	+48"	
$3PM	3-POSITION MOMENTARY CONTACT SWITCH	+48"	REFER TO DETAIL UP-ON; CENTER-NEUTRAL; DOWN-OFF
$3PN	3-POSITION MAINTAINED CONTACT SWITCH	+48"	UP-ON; CENTER-OFF; DOWN-ON
C/W	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 BACKSPLASH	
	POWER / TELEPHONE POLE	FLOOR/CEILING	
	CORD DROP WITH DUPLEX RECEPTACLE	+18"	REFER TO DETAIL
(15-20R)	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.

LIGHT FIXTURE SCHEDULE

TYPE	MANUFACTURER	SERIES	DESCRIPTION	VOLTAGE	LOAD (VA)	MOUNTING	LAMPS NUMBER	LAMPS TYPE	LAMPS WATTS	LAMPS COLOR (KELVIN)	LAMPS CRI	REMARKS
DF	KURT VERSEN STAFF	P642 8T PEW 2-26	FLOURESCENT DOWN LIGHT FIXTURE WITH 8" APERTURE, PEWTER REFLECTOR AND H.P.F. BALLAST. MAX DEPTH TO BE 9", 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 METALUX	2PM3GA-332 HR2P3GAX-332	2' X 4' 3- LAMP LAY-IN FLOURESCENT LIGHT FIXTURE, WITH 3" DEEP, 18 CELL, LOW IRRIDESCENT REFLECTOR, AIRE 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 METALUX	2PM3GA-2CF HR2P3GAX-2BX	2' X 2' RECESSED LOW IRRIDESCENT PARABOLIC LOUVER 3" DEEP, 9 CELL FLOURESCENT 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
T8W	JUNO	HEAD: THBX26WH TRACK: T8WH	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
$T	MANUAL STARTER WITH THERMAL OVERLOAD(S)	AT EQUIPMENT	
	ELECTRIC MOTOR		
	NON-FUSED DISCONNECT SWITCH	+60"	
F	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"	
VFD	COMB. VARIABLE FREQUENCY DRIVE / MOTOR CIRCUIT PROTECTOR (MCP)	FLOOR OR WALL AS SPECIFIED	TOP AT +72" IF WALL MOUNTED
RVS	REDUCED VOLTAGE STARTER	FLOOR OR WALL AS SPECIFIED	TOP AT +72" IF WALL MOUNTED
	LOAD CENTER (SURFACE-MOUNTED)	TOP AT +72"	14"W X 3"D
	LOAD CENTER (FLUSH-MOUNTED)	TOP AT +72"	14"W X 3"D
	LIGHTING AND APPLIANCE PANELBOARD (SURFACE-MOUNTED)	TOP AT +72"	20"W X 6"D
	LIGHTING AND APPLIANCE PANELBOARD (FLUSH-MOUNTED)	TOP AT +72"	20"W 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 SEMI-QUOTES (I.E. "L2A, MDP")
	SWITCHBOARD	FLOOR	
	METER BASE	TOP AT +72"	
	OPEN - STOP - CLOSE SWITCH	+60"	FURNISH SWITCH UNLESS FURNISHED BY ANOTHER DIVISION. INSTALL AND CONNECT COMPLETE. REFER TO RELATED SPECIFICATION SECTIONS.
T	HVAC THERMOSTAT	+60"	PROVIDED BY DIVISION 15000 U.N.O.
	HAND - OFF - AUTO SWITCH	+60"	
GF	GROUND FAULT PROTECTION		

CLOCK SYMBOLS

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

LIGHT FIXTURE ABBREVIATION SCHEDULE

NOTE: NOT ALL ABBREVIATIONS WILL NECESSARILY BE USED.

A.F.F.	ABOVE FINISHED FLOOR
WALL@CLG.	WALL 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

1. 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.
2. REFER TO ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHTS AND LOCATIONS OF LIGHT FIXTURES. BRING ALL DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT PRIOR TO BIDDING.
3. REFER TO THE SPECIFICATIONS FOR OTHER LIGHT FIXTURE, BALLAST, AND LAMP REQUIREMENTS AND ACCEPTABLE MANUFACTURERS.
4. REFER TO ARCHITECTURAL DRAWINGS FOR LOUVER REQUIREMENTS (IF ANY).
5. 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

1. BID ONLY PRODUCTS THAT ARE SPECIFIED OR APPROVED BY ADDENDUM.
2. PACKAGING OF LIGHT FIXTURES WITH OTHER SYSTEMS IS NOT ALLOWED.
3. 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.
4. WHEN A CONTRADICTION EXISTS BETWEEN A SPECIFIC MODEL NUMBER AND THE DESCRIPTION, THE DESCRIPTION SHALL GOVERN.

LIGHT FIXTURE PRIOR APPROVAL REQUIREMENTS

1. PRIOR APPROVAL IS REQUIRED BEFORE BIDDING THIS PROJECT.
2. 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.
3. 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.
4. ITEMS THAT ARE SUBMITTED AND HAVE BEEN APPROVED WILL BE LISTED IN THE ADDENDUM(S). VERBAL APPROVAL WILL NOT BE GIVEN ON ANY ITEM.
5. 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.
6. 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.

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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
CHK'D BY: JRO

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SHEET TITLE

SYMBOL & LIGHT FIXTURE SCHEDULES

SHEET NUMBER

E-GE002

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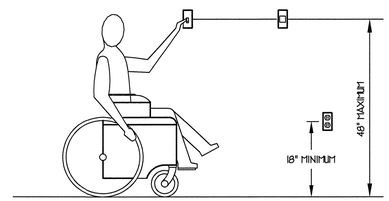
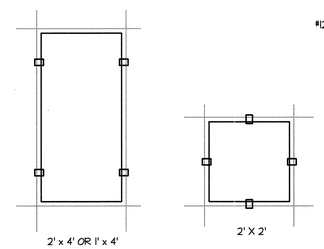
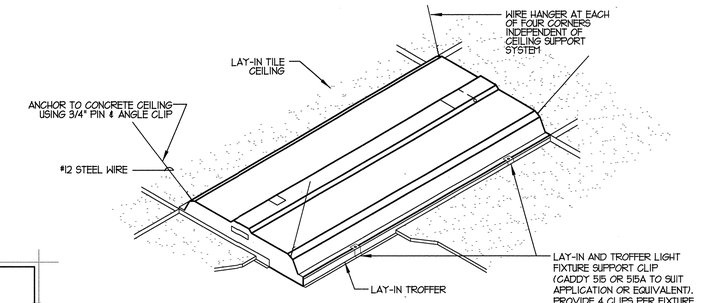


5 ADA ELEVATION DETAIL
SCALE: NONE



SUPPORT CLIP ARRANGEMENT DIAGRAMS



4 LIGHT FIXTURE SUPPORT DETAIL
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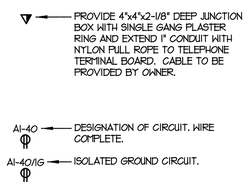
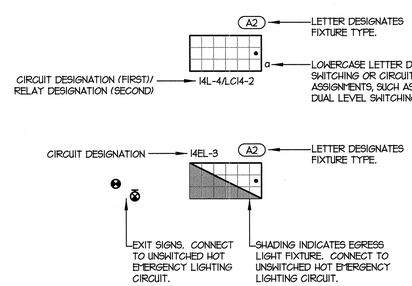
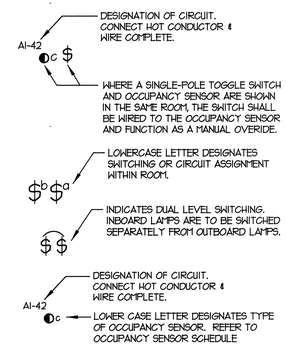


3 TYPICAL OUTLET CONVENTION
SCALE: NONE



2 TYPICAL LIGHT FIXTURE CONVENTION
SCALE: NONE



1 TYPICAL SWITCHING CONVENTIONS
SCALE: NONE

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SHEET TITLE

DETAILS

SHEET NUMBER

E-GE501

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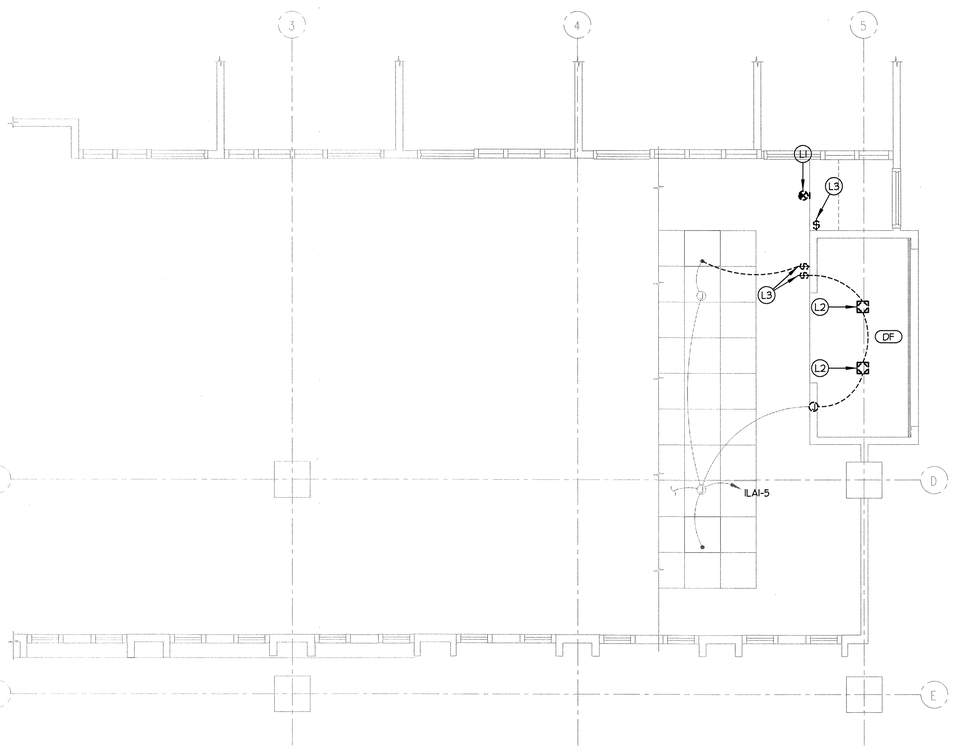
LIGHTING DEMO KEYED NOTES:

(L1) EXIT SIGN TO BE RELOCATED. REFER TO SHEET E-EP100 FOR NEW LOCATION. CIRCUIT SHALL BE REUSED.

(L2) DISCONNECT LIGHTS AND STORE FOR RE-USE. REFER TO SHEET E-EP100 FOR NEW LOCATION. MAINTAIN SWITCHING SCHEME AND REUSE 277V CIRCUIT.

(L3) LIGHT SWITCHES ARE TO BE RELOCATED. REFER TO SHEET E-EP100 FOR MORE INFORMATION.



0 4' 8' 16'

PLAN NORTH

02 EDP100 PHASE 1 DEMOLITION LIGHTING PLAN

SCALE 1/4" = 1'-0"

GENERAL DEMOLITION NOTES:

1. 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 EXTENTOF 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 BUILDING 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. 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 EXISITING 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.

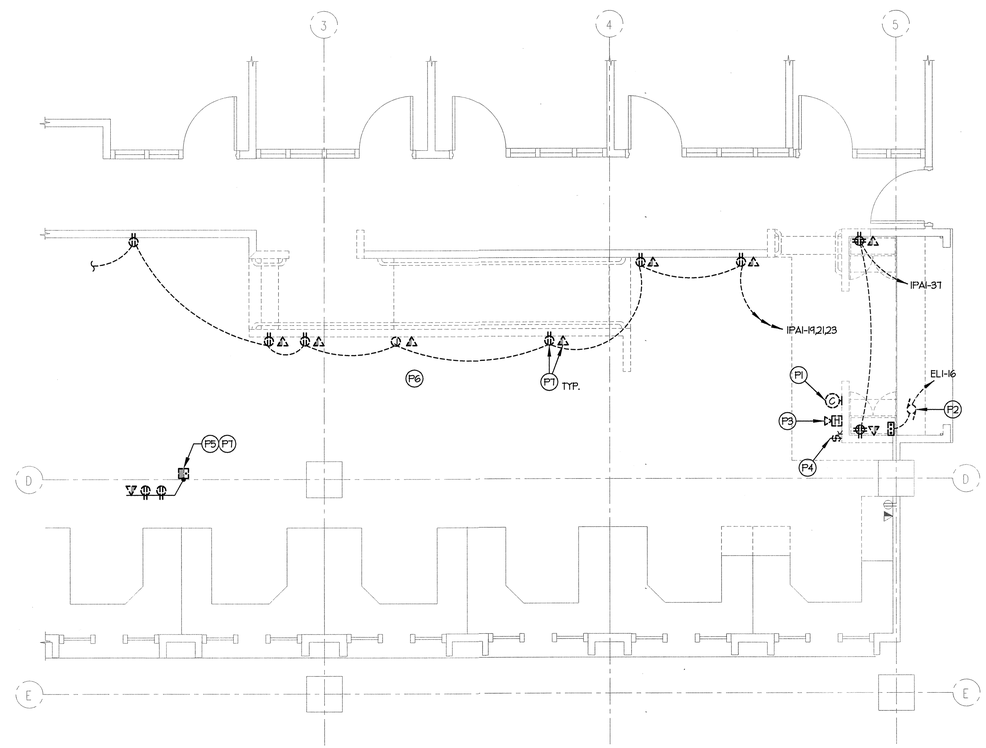
(P2) DISCONNECT OVERHEAD DOOR AND ALL ASSOCIATED HARDWARE AND RETURN TO OWNER.

(P3) FIRE ALARM DEVICE TO BE RELOCATED. REFER TO SHEET E-EP100 FOR NEW LOCATION.

(P4) KEYED TEST SWITCH TO BE RELOCATED. REFER TO SHEET E-EP100 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

01 EDP100 PHASE 1 DEMOLITION POWER PLAN

SCALE 1/4" = 1'-0"

ENVISION ENGINEERING
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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

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 1
DEMOLITION PLANS

SHEET NUMBER

E-DP100

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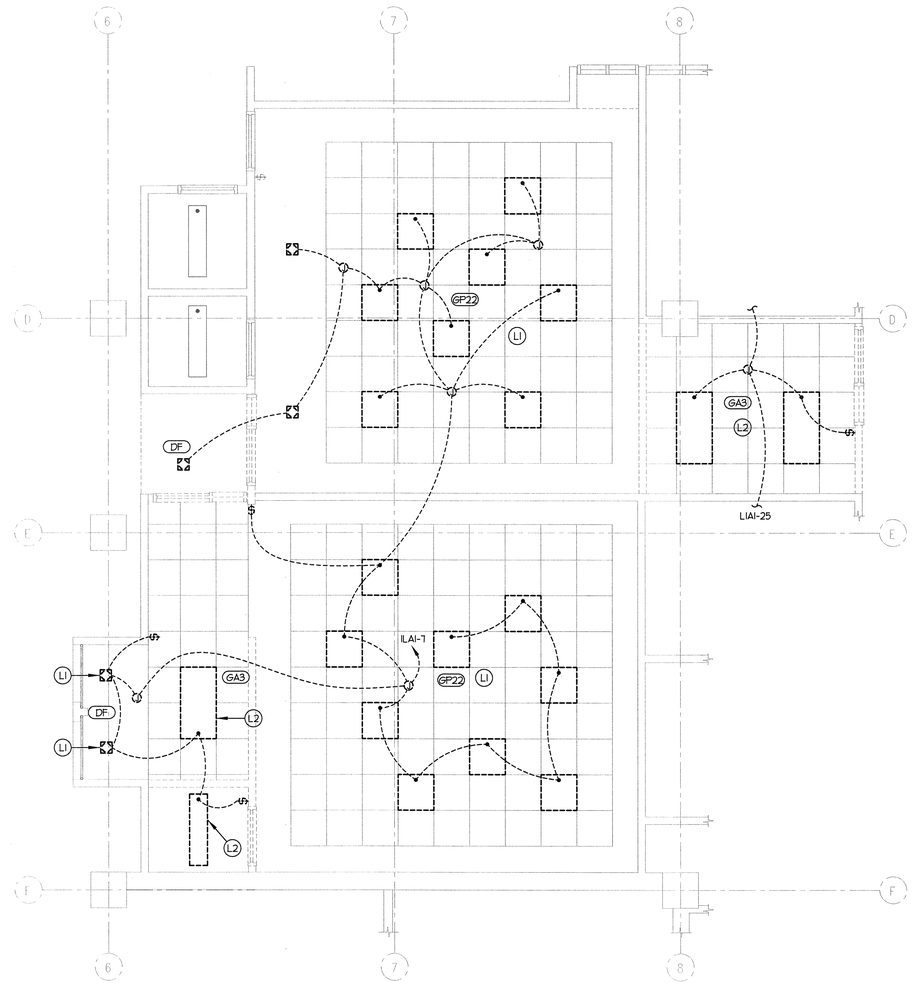
LIGHTING DEMO KEYED NOTES:

(L1) DISCONNECT AND STORE LIGHT FIXTURES FOR RE-USE. REFER TO SHEET E-EP101 FOR NEW LOCATIONS.

(L2) DISCONNECT AND RETURN TO OWNER.



0 4' 8' 16'

PLAN NORTH

02 EDP101 PHASE 2 DEMOLITION LIGHTING PLAN

SCALE 1/4" = 1'-0"

POWER DEMO KEYED NOTES:

(P1) DISCONNECT CLOCK 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.

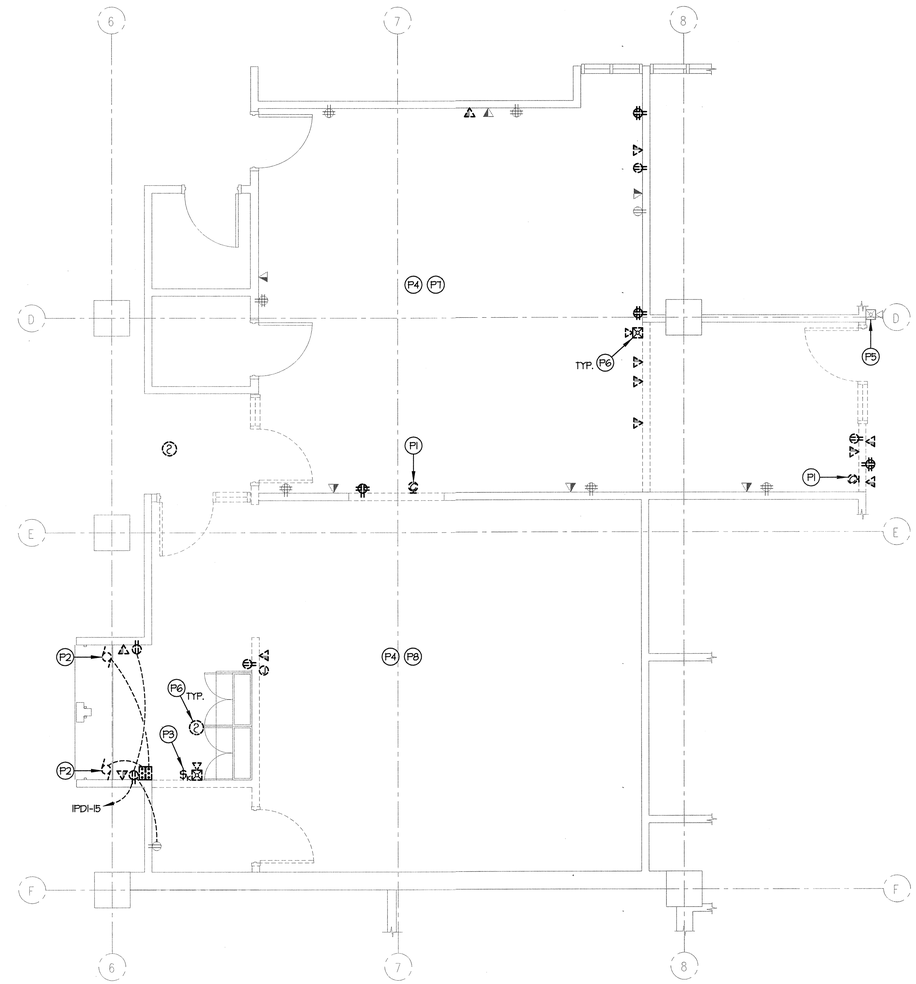
(P4) THE CONTRACTOR SHALL TRACE OUT ALL EXISTING POWER CIRCUITS IN THIS SPACE AND DETERMINE WHAT CIRCUITS ARE FEEDING WHAT PIECES OF EQUIPMENT. ALL EXISTING EQUIPMENT AND WIRING DEVICES THAT ARE BEING MOVED AND RELOCATED TO NEW LOCATIONS SHALL BE FED WITH THE SAME BRANCH CIRCUITS THAT WERE FEEDING THEM 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 IPD1-2,4,5,6.

(P8) AVAILABLE CIRCUITS TO BE REUSED FROM THE AS-BUILT DRAWINGS ARE IPD1-13,15,17.



0 4' 8' 16'

PLAN NORTH

01 EDP101 PHASE 2 DEMOLITION POWER PLAN

SCALE 1/4" = 1'-0"

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BUILDING NAME:

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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

PHASE 2
DEMOLITION PLANS

SHEET NUMBER

E-DP101

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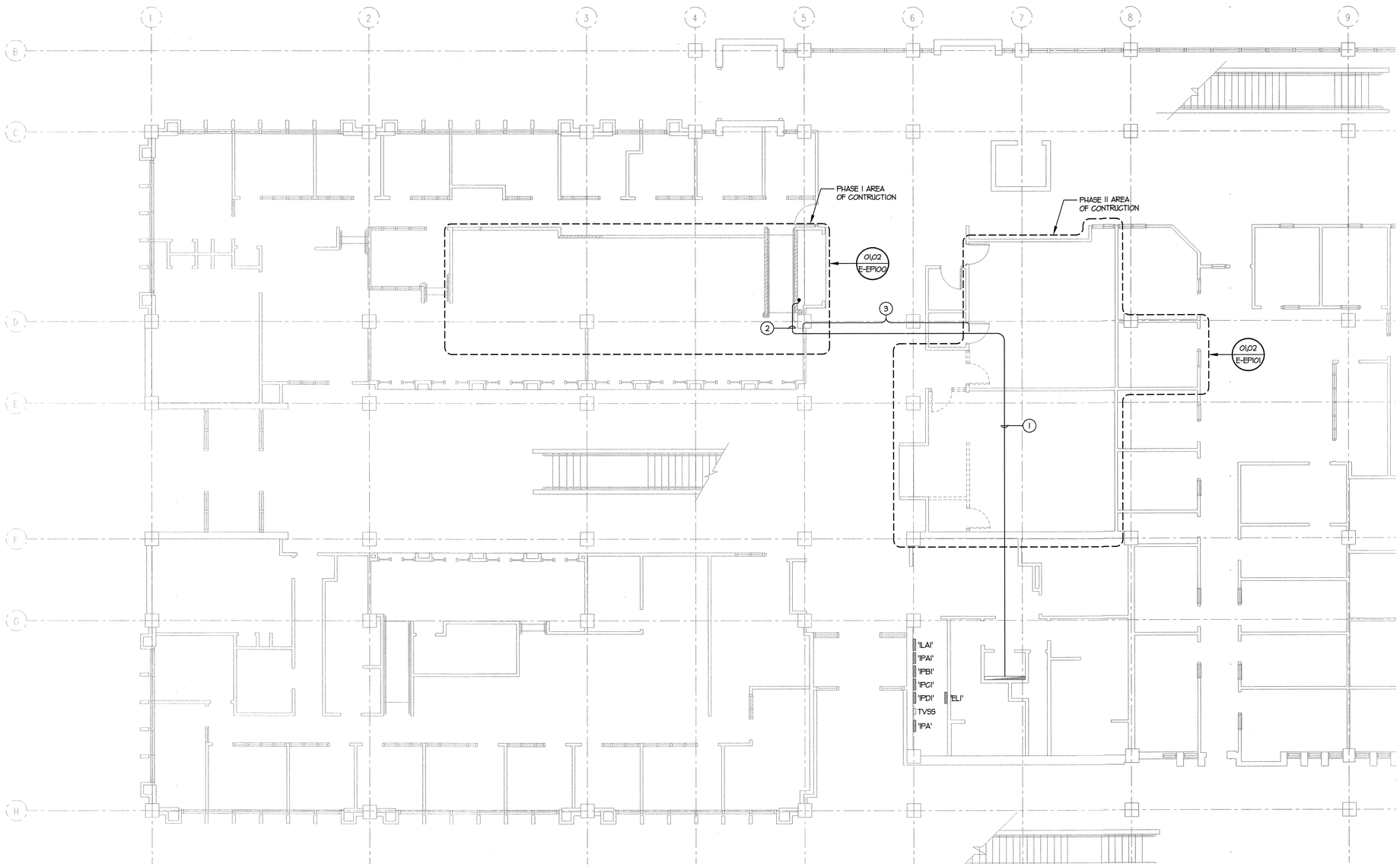
KEYED NOTES:

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



0 4' 8' 16'

N PLAN NORTH

01 EE100 OVERALL ELECTRICAL PLAN

SCALE 1/8" = 1'-0"

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BUILDING NAME:

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OGDEN, UTAH

PROJECT TITLE:

ADMISSIONS AREA REMODEL
MAIN LEVEL
PHASE I AND II
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ISSUE TYPE: CONSTRUCTION DOCUMENTS

ISSUE DATE: January 28th, 2008

DFCM PROJECT NO:
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SHEET TITLE

OVERALL ELECTRICAL PLAN

SHEET NUMBER

E-EE100

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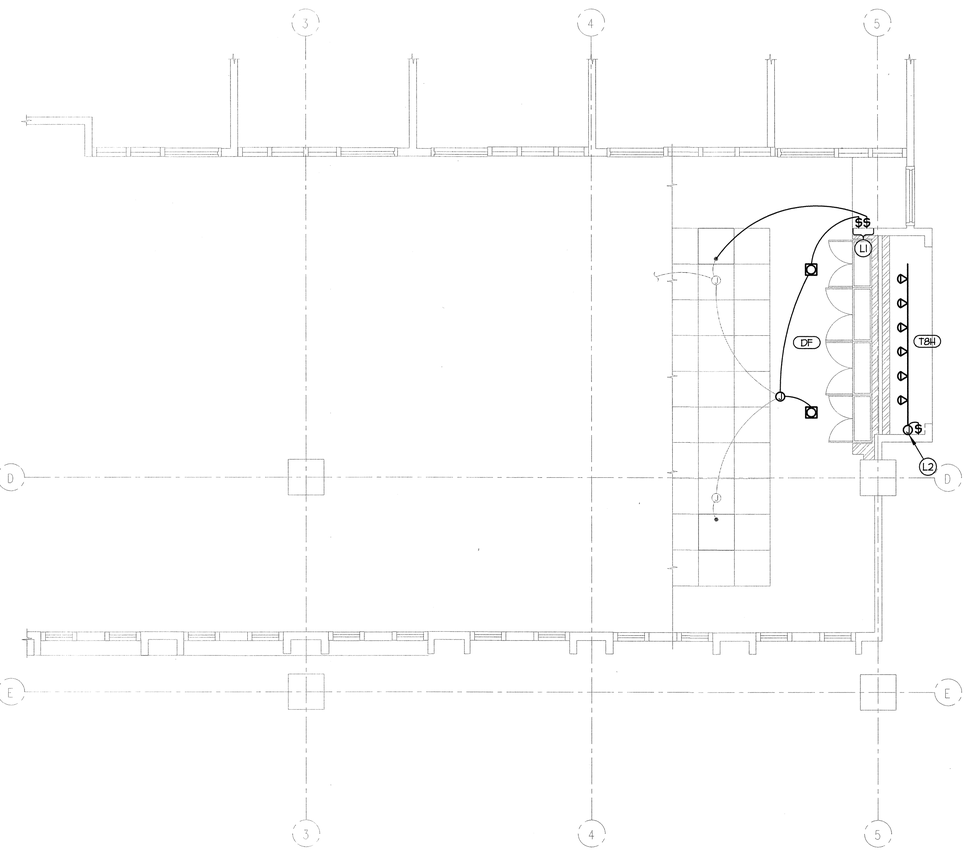
LIGHTING KEYED NOTES:

(L1) NEW SWITCHES. RECONNECT TO EXISTING 277V LIGHTING CIRCUIT IN THE AREA.

(L2) CONNECT NEW TRACK LIGHTING TO AN AVAILABLE 120V SPARE BREAKER IN PANEL 'PA1'. PROVIDE A NEW 20A 1P BREAKER TO MATCH EXISTING WITH AN EQUIVALENT AIC RATING IN ANOTHER 120/208 PANELBOARD AS REQUIRED.



0 4' 8' 16'

N PLAN NORTH

02 EP100 PHASE 1 LIGHTING PLAN

SCALE 1/4" = 1'-0"

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 GROMMETTED COVER PLATE FOR COMMUNICATION CABLING. COORDINATE PLACEMENT OF OUTLET BOXES IN WALLS AND COLUMNS 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:

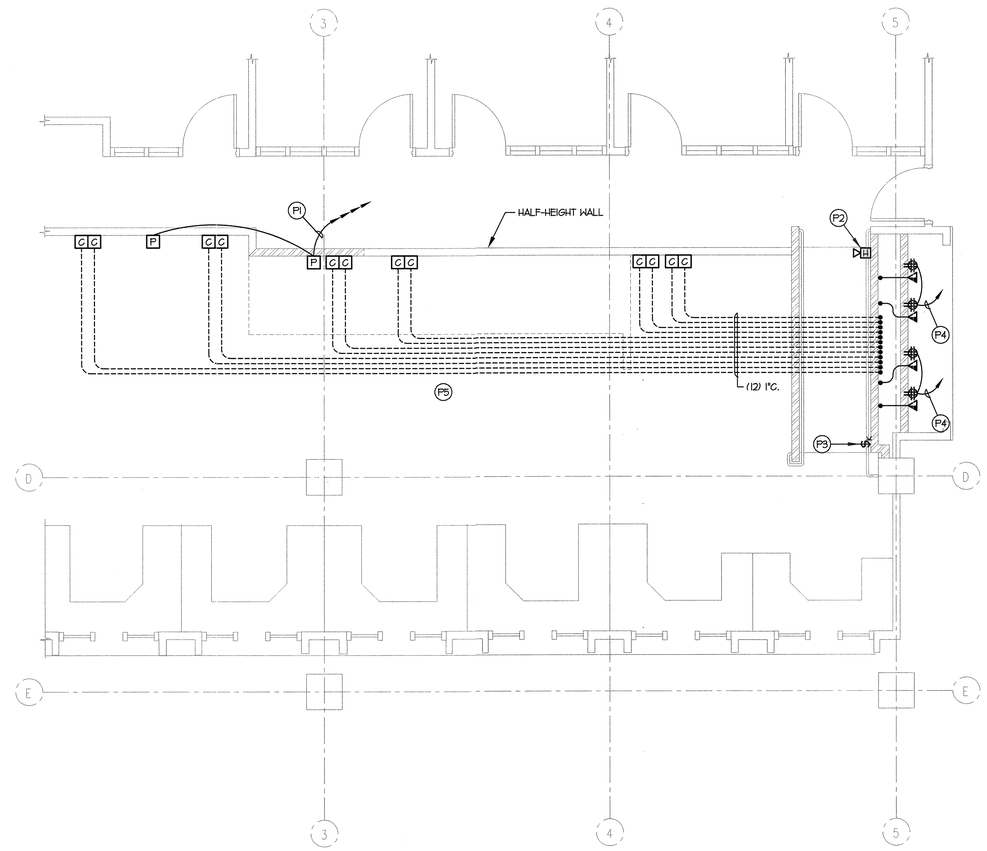
(P1) CONNECT NEW SYSTEM'S FURNITURE TO 4 EXISTING CIRCUITS IN AREA AVAILABLE FROM THE DEMOLITION. PROVIDE ADDITIONAL CIRCUITS AS REQUIRED WITH A 20A, 1P BREAKER TO MATCH EXISTING WITH AN EQUIVALENT AIC. COORDINATE INSTALLATION WITH THE SYSTEM'S FURNITURE MANUFACTURER.

(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, 1P BREAKER TO MATCH EXISTING WITH AN EQUIVALENT AIC.

(P5) PROVIDE BLANK COVER PLATES FOR ALL DEVICES REMOVED AND NOT REUSED.



0 4' 8' 16'

N PLAN NORTH

01 EP100 PHASE 1 POWER PLAN

SCALE 1/4" = 1'-0"

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BUILDING NAME:

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ADMINISTRATION BUILDING
ADMISSIONS AREA REMODEL
OGDEN, UTAH

PROJECT TITLE:

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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

PHASE 1
ELECTRICAL PLANS

SHEET NUMBER

E-EP100

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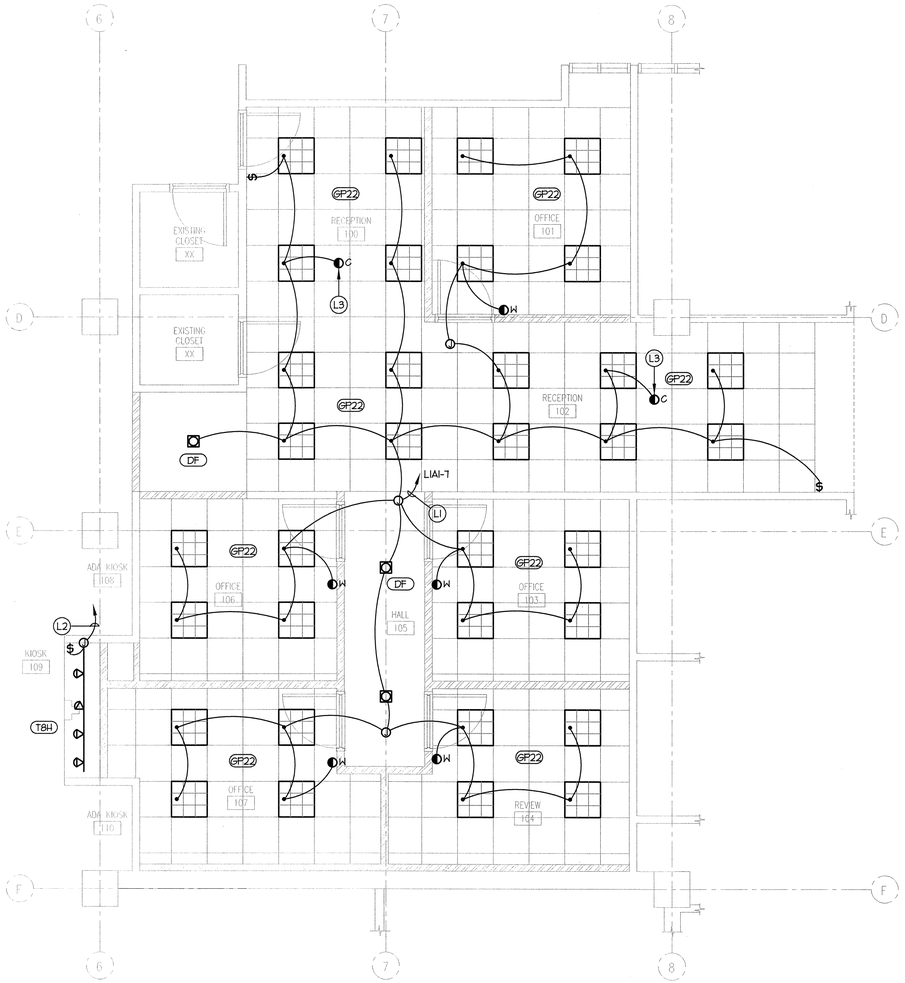
OCCUPANCY SENSOR LEGEND			
SYMBOL	DESCRIPTION	MOUNTING	REMARKS
W	IRSI LH-IR-SI	WALL	OR APPROVED EQUIVALENT
C	OMNI DT2000	CEILING	OR APPROVED EQUIVALENT

LIGHTING PLAN KEYED NOTES:

1. 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.
2. CONNECT NEW TRACK LIGHTING TO AN AVAILABLE 120V SPARE BREAKER IN PANEL "PD1". PROVIDE A NEW 20A 1P BREAKER TO MATCH EXISTING WITH AN EQUIVALENT AIC RATING IN ANOTHER 120/208 PANELBOARD AS REQUIRED.
3. PROVIDE SWITCH PACKS AS REQUIRED FOR THE RECEPTION AREA SO IT CAN BE SWITCHED TOGETHER FROM EITHER SWITCHED LOCATION.



0 4' 8' 16'

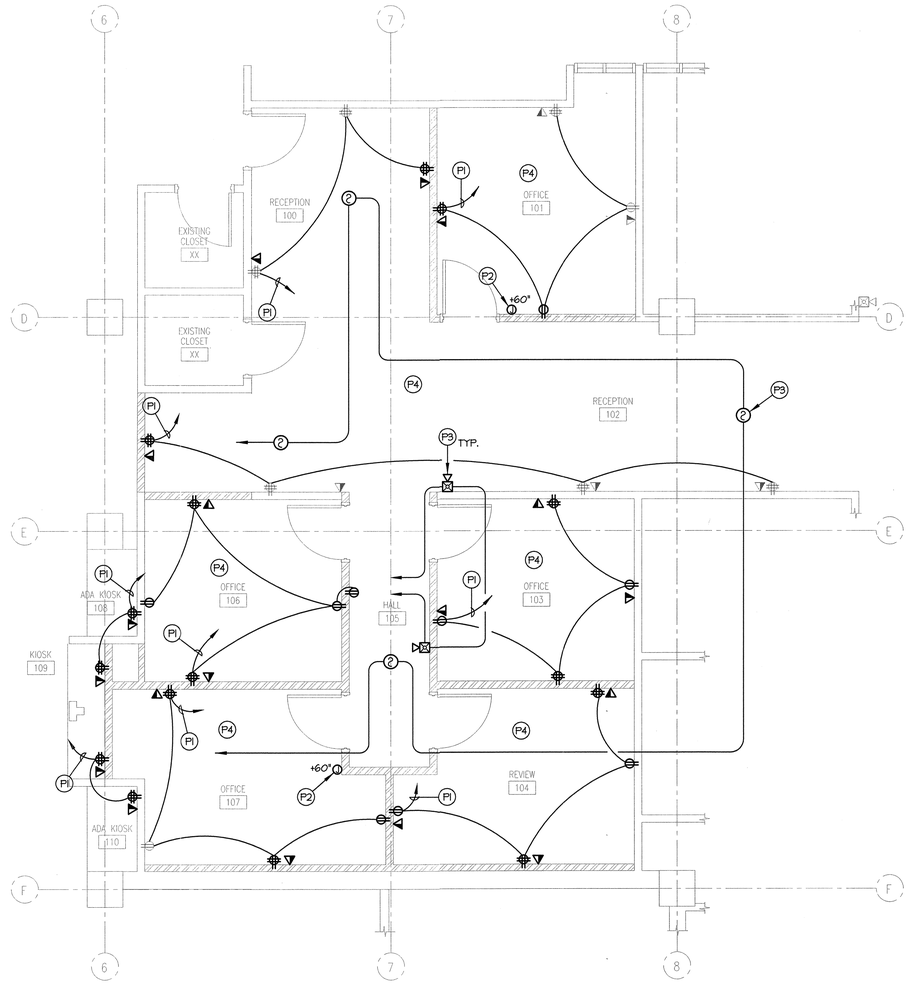
PLAN NORTH

02 EP101 PHASE 2 LIGHTING PLAN

SCALE 1/4" = 1'-0"

POWER PLAN KEYED NOTES:

1. CONNECT NEW AND OR EXISTING DEVICES TO AN EXISTING CIRCUIT IN THE AREA FROM PANEL "PA1". CONTRACTOR TO PREVENT OVERLOADING OF ANY CIRCUIT. PROVIDE NEW CIRCUITS AS REQUIRED WITH A 20A 1P CIRCUIT BREAKER TO MATCH EXISTING WITH AN EQUIVALENT AIC RATING.
2. PROVIDE 4 SQUARE JUNCTION BOX WITH A 3/4"C. TO ACCESSIBLE CEILING SPACE WITH A NYLON PULLSTRING FOR THERMOSTAT PROVIDED BY DIVISION 15. COORDINATE EXACT LOCATION WITH MECHANICAL ENGINEER.
3. 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.
4. PROVIDE BLANK COVER PLATES FOR ALL DEVICES REMOVED AND NOT REUSED.



0 4' 8' 16'

PLAN NORTH

01 EP101 PHASE 2 POWER PLAN

SCALE 1/4" = 1'-0"

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PHASE 2
ELECTRICAL PLANS

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