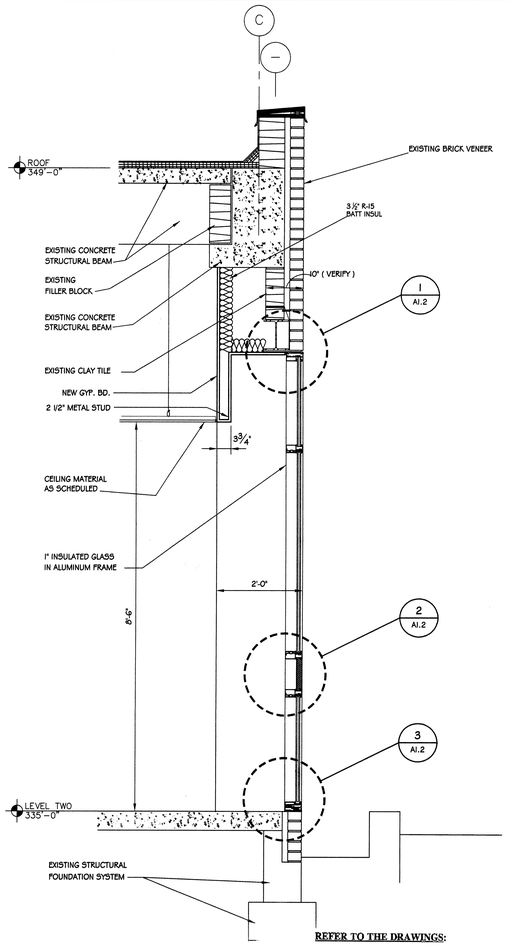


8 WALL SECTION @ WINDOW
SCALE: 3/4" = 1'-0"

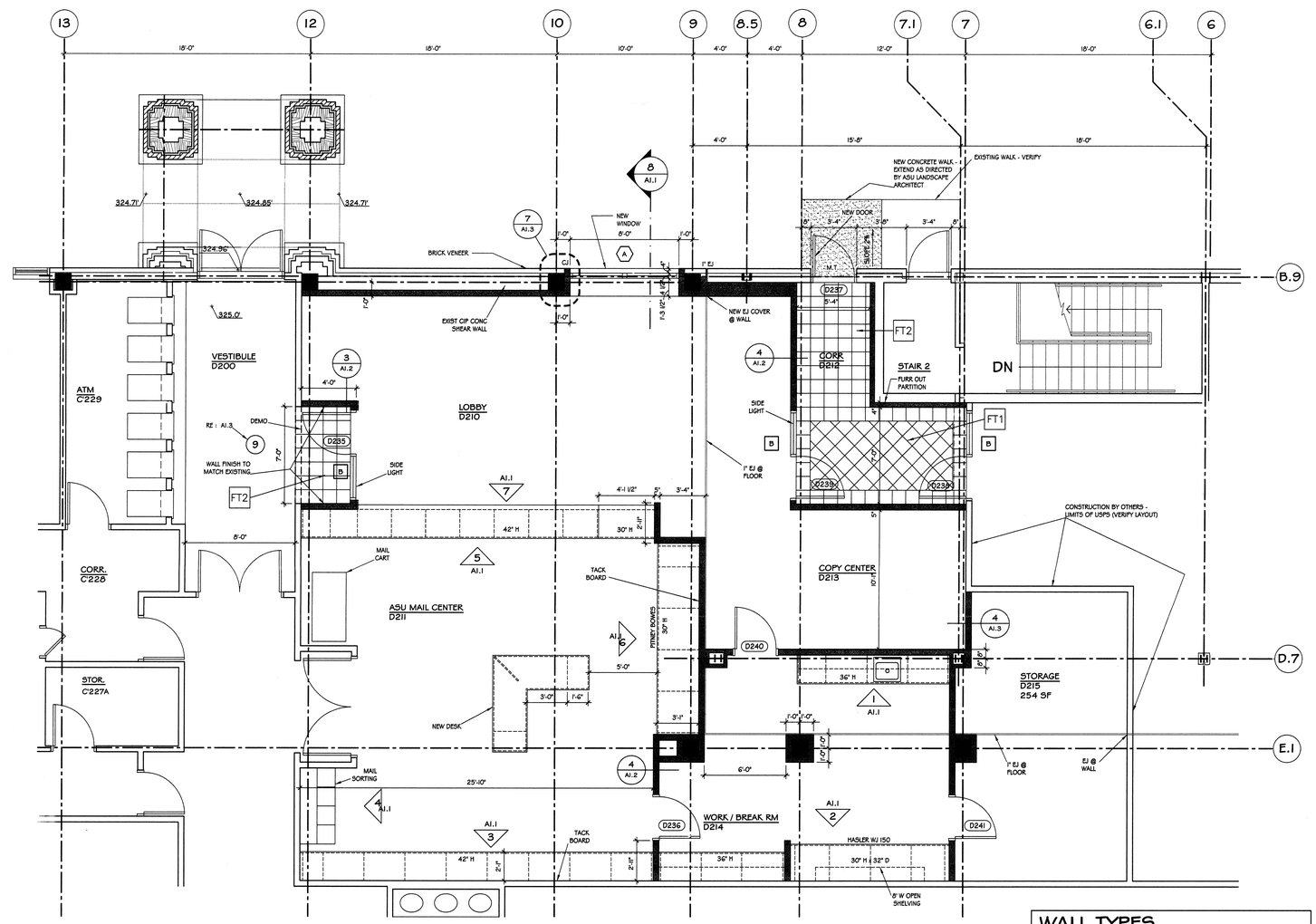
REFER TO THE DRAWINGS:

1. **Sheet A1.1:**
   A. Refer to new concrete landing. Match depth of adjacent existing concrete walk and approximate width of new landing as shown on drawing
   B. Floor expansion joint to be MM Systems, LASD 1-1 with standard mill aluminum finish.
   C. Wall expansion joint to be MM Systems, EX-K1 with standard clear anodized aluminum finish.

END OF ADDENDUM NO.1

Page 1 of 1

ADDENDUM NO.1 - Issued March 17, 2008
to the Project Manual and Drawings for



9 FLOOR PLAN
2,253 SF

GENERAL NOTES :

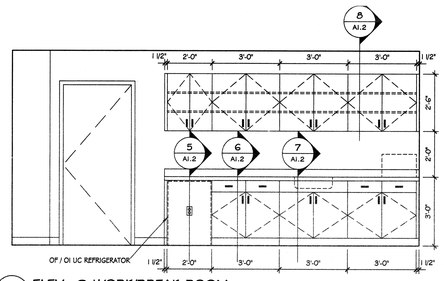
1. INSPECT EXISTING FLOOR SURFACES FOR ANY DEFECTS & DEFLECTIONS. REPAIR AND PROVIDE FOR A SMOOTH AND LEVEL SUBSTRATE.
2. CONTACT THE ASU CONSTRUCTION COORDINATOR TO REVIEW INITIAL STUDENT CENTER BID DOCUMENTS.

0 4' 8' 16'

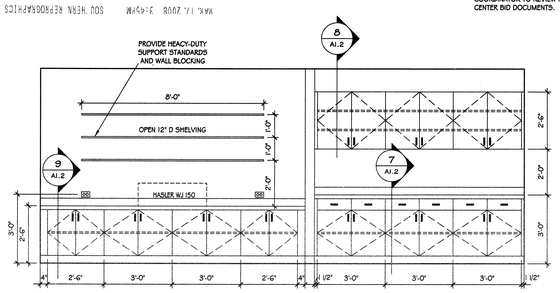
SCALE: 1/4" = 1'-0"

WALL TYPES

EXISTING WALL	
DEMO WALL	
NEW GYP. BD. WALL	



1 ELEV. @ WORK/BREAK ROOM
3/8" = 1'-0"



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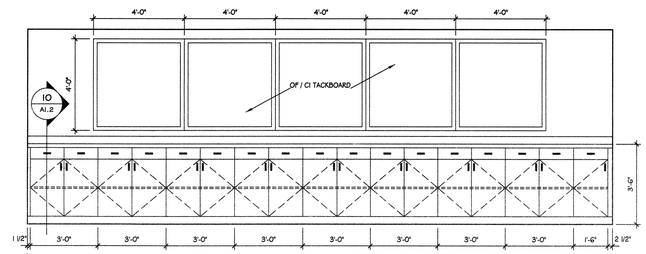

3 ELEV. @ WORK/BREAK ROOM
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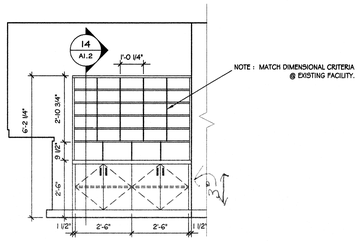
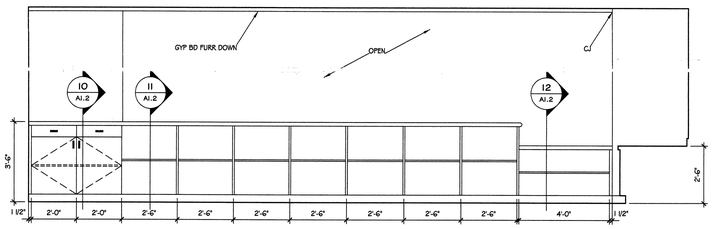
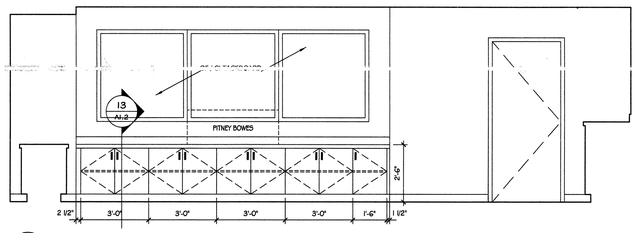


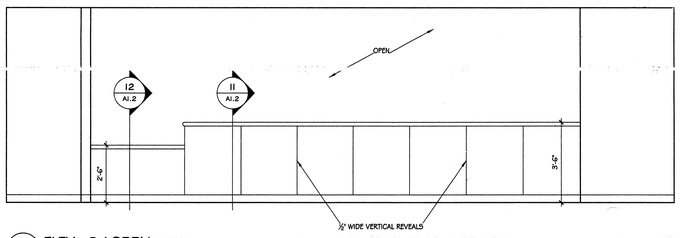
4 ELEV. @ MAIL CENTER
3/8" = 1'-0"



5 ELEV. @ MAIL CENTER
3/8" = 1'-0"



6 ELEV. @ MAIL CENTER
3/8" = 1'-0"



7 ELEV. @ LOBBY
3/8" = 1'-0"

REGISTERED ARCHITECTS WITTENBERG DELONY & DAVIDSON ARKANSAS

PROJECT TITLE
ARKANSAS STATE UNIVERSITY
MAIL / COPY CENTER
STATE UNIVERSITY, ARKANSAS 72467

WITTENBERG DELONY & DAVIDSON, INC.

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FLOOR PLAN
WALL SECTION
MILLWORK ELEVATIONS

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DATE 07 DEC C 7
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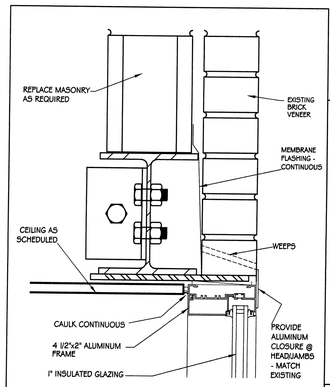
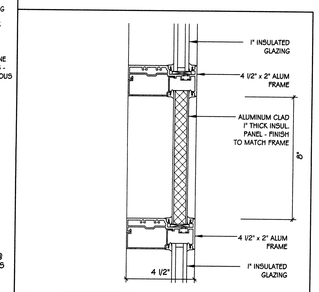
SHEET A1.1



1 WINDOW DETAIL
SCALE: 3"=1'-0"



2 TYPICAL HORIZONTAL FILLER PANEL
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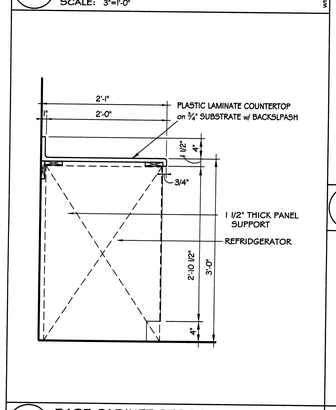
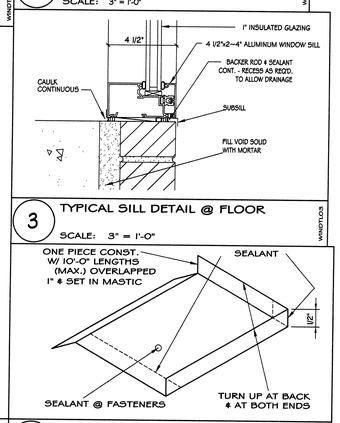
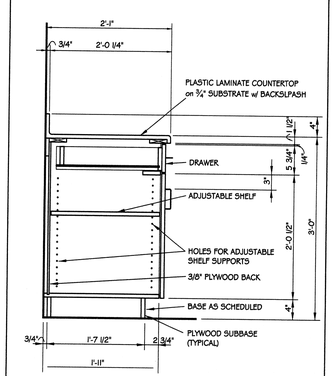


5 BASE CABINET SECTION
SCALE: 1"=1'-0"



3 TYPICAL SILL DETAIL @ FLOOR
SCALE: 3" = 1'-0"

4 TYPICAL SUBSILL DETAIL @ EXTERIOR WINDOWS
SCALE: 3"=1'-0"



6 BASE CABINET SECTION
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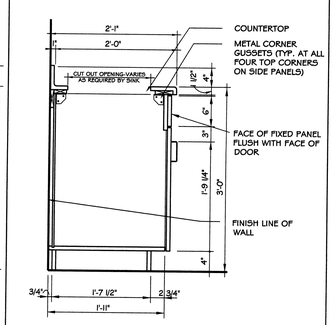

7 BASE CABINET SECTION
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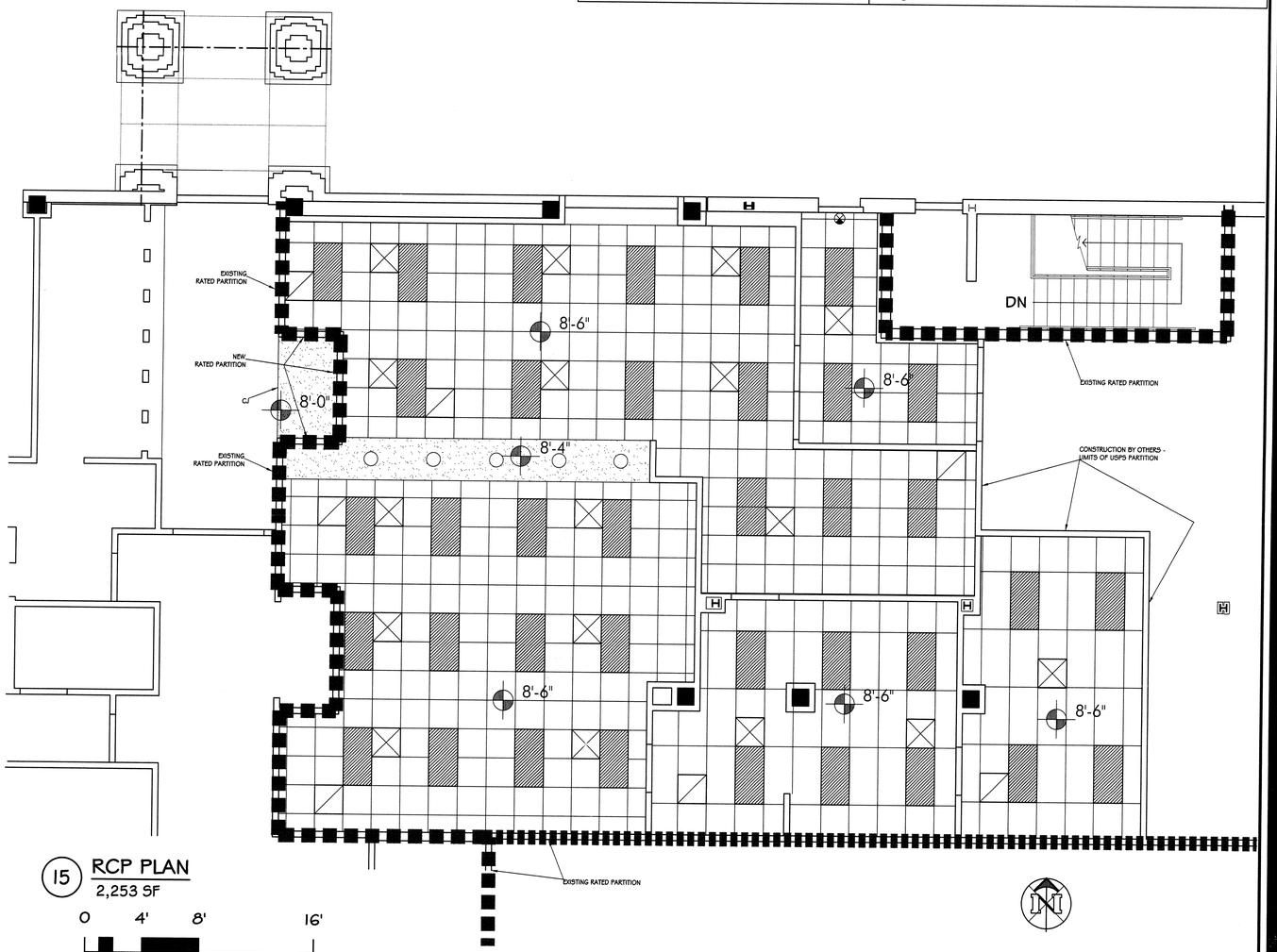


15 RCP PLAN
2,253 SF

0 4' 8' 16'

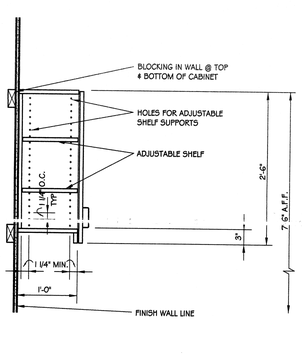
SCALE: 1/4" = 1'-0"

WALL TYPES

- EXISTING WALL
- DEMO WALL
- NEW GYP. BD. WALL
- 1 HOUR FIRE WALL
- 2 HOUR FIRE WALL

REFLECTED CEILING LEGEND

- GYPSUM BOARD CEILING UNLESS OTHERWISE NOTED
- 2' x 2' LAY-IN ACOUSTICAL CEILING BOARD
- 2' x 4' FLUORESCENT LIGHT FIXTURE
- EXIT SIGN
- SUPPLY AIR GRILLE
- RETURN AIR GRILLE
- RECESSED CAN LIGHT
- INDICATES HEIGHT OF CEILING AFF



8 WALL CABINET SECTION
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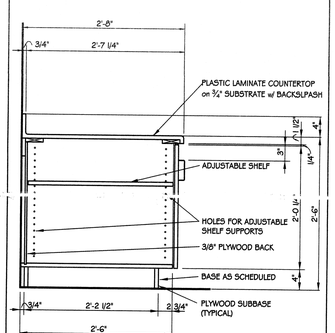

9 BASE CABINET SECTION
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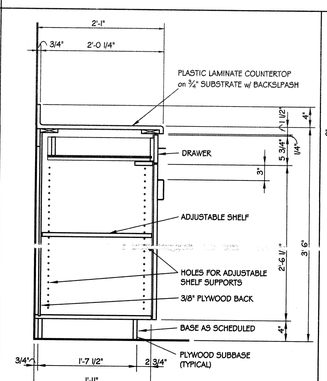

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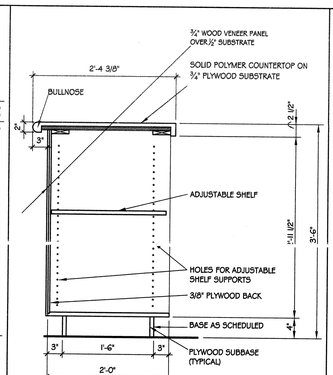

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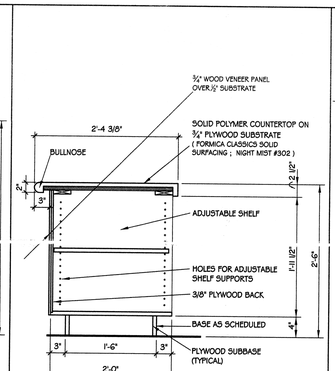

12 ADA BASE CABINET SECTION
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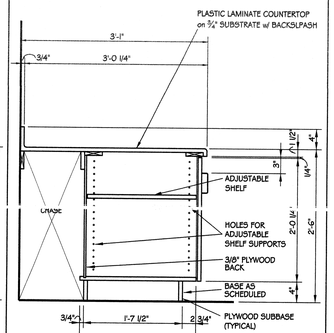

13 BASE CABINET SECTION
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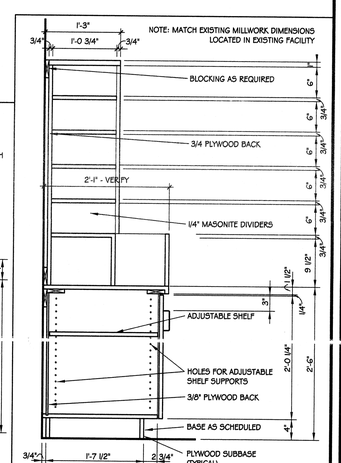

14 MAIL SORTER SECTION
SCALE: 3" = 1'-0"

REGISTERED ARCHITECTS
WITTENBERG
DELONY & DAVIDSON, INC.
ARKANSAS

PROJECT TITLE
ARKANSAS STATE UNIVERSITY
MAIL / COPY CENTER
STATE UNIVERSITY , ARKANSAS 72467

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DATE 07 DEC 17
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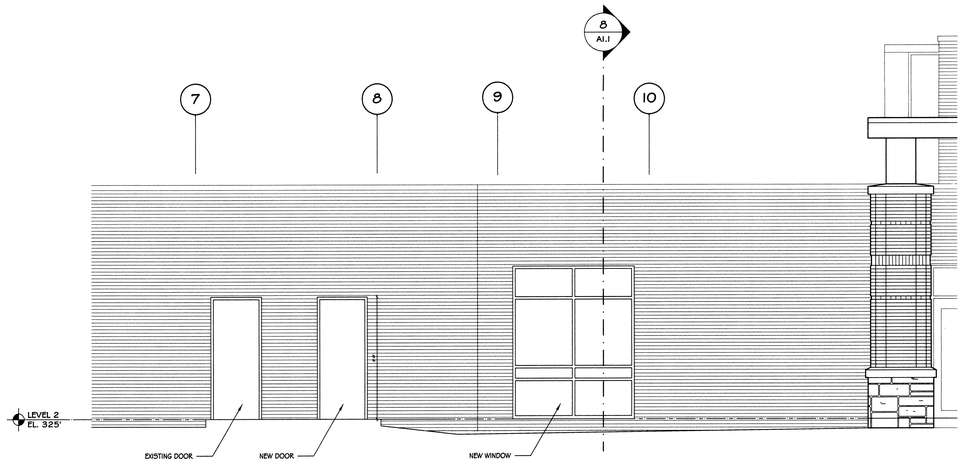
SHEET A1.2

1:\JOBS\PROJECTS\Job07-062 ASU MAIL\ 2 RCP.dwg Mar 29, 2011 - 11:27am

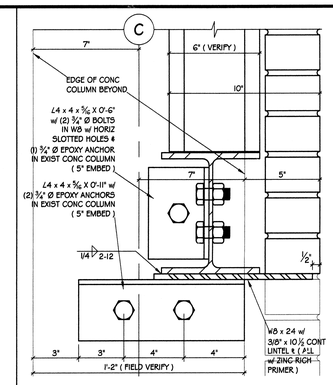


8 EXTERIOR ELEVATION

SCALE : 1/4" = 1'-0"

0 4' 8' 16'

SCALE: 1/4" = 1'-0"



9 SECTION DETAIL @ WINDOW LINTEL

SCALE: 3"=1'-0"

WINDTL02

ROOM FINISH SCHEDULE

FLOOR	ROOM NUMBER	ROOM NAME	FLOOR: VCT (1)	CARPET (2)	PORCELAIN PAVER TILE (3)	(4)	(5)	(6)	(7)	(8)	BASE: RUBBER BASE (9)	8" WOW. WOOD (10)	(11)	(12)	(13)	(14)	(15)	WALLS: PAINTED GYP. BD. (16)	MULTICOLOR TEXTURE PAINT (17)	WOOD CHAIR RAIL (18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	CEILING: 2 x 2 ACOUST TILE - "AT1" (28)	2 x 4 ACOUST - TILE "AT2" (29)	PAINTED GYP. BD. (30)	(31)	(32)	REMARKS
																		NORTH			EAST			SOUTH			WEST								
	D200	VESTIBULE			3							11							17	18		17	18		17	18						30			
	D210	LOBBY		2								10						16			16			16			16			28		30			
	D211	ASU MAIL CENTER		2								10						16			16			16			16			28					
	D212	CORRIDOR			3							11						16			16			16			16			28					
	D213	COPY CENTER		2								10						16			16			16			16			28					
	D214	WORK/BREAK ROOM		2								10						16			16			16			16					29			
	D215	STORAGE	1									10						16			16			16			16					29			

GENERAL NOTES:

DOOR AND FRAME SCHEDULE

NOTE : ALL INTERIOR DOOR OPENINGS ARE NONRATED.

FLOOR	DOOR NO.	ROOM NO.	ROOM NAME	DOOR TYPE	DOOR WIDTH	DOOR HEIGHT	DOOR THICK.	DOOR MATL.	FRAME TYPE	FRAME MATL.	DETAILS (A1.2) HEAD	JAMB	SILL	HW	REMARKS
	D235	D210	LOBBY	D	3'-0"	7'-10"	1 3/4"	WD	B	HM	1A	1D	1E	24	CLOSER
	D236	D211	ASU MAIL CENTER	C	3'-0"	7'-10"	1 3/4"	WD	A	HM	5A	5B		32	
	D237	D212	CORRIDOR	B	3'-0"	7'-2"	1 3/4"	HM	A	HM	6A	6B		3	PANIC HARDWARE
	D238	D212	CORRIDOR	D	3'-0"	7'-10"	1 3/4"	WD	B	HM	2A	2D	2E	24	CLOSER
	D239	D213	COPY CENTER	D	3'-0"	7'-10"	1 3/4"	WD	B	HM	2A	2D	2E	24	CLOSER
	D240	D214	WORK/BREAK ROOM	C	3'-0"	7'-10"	1 3/4"	WD	A	HM	5A	5B		27	
	D241	D215	STORAGE	C	3'-0"	7'-10"	1 3/4"	WD	A	HM	5A	5B		32	

* ALL NEW DOOR HARDWARE TO MATCH EXISTING - VERIFY WITH ASU FACILITY CONST COORD

KEY NOTES

(9) PM5 TO BE APPLIED BELOW CHAIR RAIL.
PM6 TO BE APPLIED ABOVE CHAIR RAIL.

FINISH SPECIFICATIONS

AT1 ACOUSTICAL CEILING TILE : ARMSTRONG; 24" X 24" x 5/8"; FINE FISSURED #1728 ; GRID TYPE : 9/16" PRELUDE

AT2 ACOUSTICAL CEILING TILE : ARMSTRONG; 24" X 48" x 5/8"; FINE FISSURED #1729 ; GRID TYPE : 9/16" PRELUDE

C8 BROADLOOM CARPET : BOLYU; LOCARNO; LKN52 SPRING JEWEL.

FT1 FLOOR TILE : AMERICAN OLEAN; BORGO ANTICO; BAGI OLIVA UNPOLISHED. SIZE : 12" x 12"

FT2 FLOOR TILE: CROSSVILLE : POMPEII; V551 PIETRA VECCHA, UNPOLISHED. SIZE : 12" x 12"

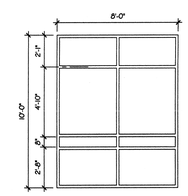
PM5 MULTICOLOR TEXTURED PAINT : POLOMYX ; PW-ND02-46

PM6 MULTICOLOR TEXTURED PAINT : POLOMYX ; PL-0127AP

RB3 RUBBER BASE : JOHNSONITE ; 20 CHARCOAL

VT VINYL COMPOSITION TILE : ARMSTRONG; 51809 DESERT BEIGE

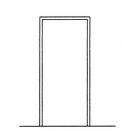
WINDOW FRAME:



EXTERIOR WINDOW

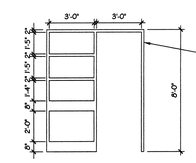
A

H.M. DOOR FRAME TYPES:



HOLLOW METAL DOOR FRAME

A

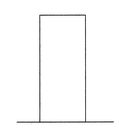


NOTE : BASED ON THE 2006 INTERNATIONAL BUILDING CODE THE DOOR, FRAME & HARDWARE FOR DOOR D235 IS PERMITTED TO BE IN A NON-RATED CORRIDOR PARTITION. HOWEVER, FOR CONTINUITY WE ARE INDICATING THAT A 2-HOUR FIRE PARTITION BE CONSTRUCTED AT THIS DOOR. - RE: 15/A1.2. THERE ARE NO RATED OPENINGS IN THE SCOPE OF THIS PARTICULAR PROJECT.

HOLLOW METAL DOOR FRAME W/ SIDELITE

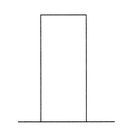
B

DOORS TYPES:



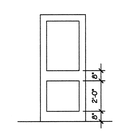
FLUSH PANEL HOLLOW METAL DOOR (HONEYCOMB CORE)

B



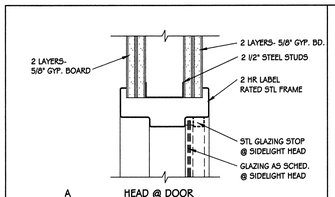
FLUSH PANEL SOLID CORE WOOD DOOR

C



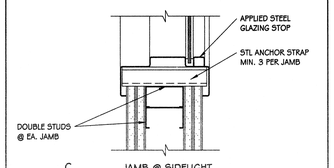
FLUSH PANEL WOOD DOOR w/2" GLASS and FLUSH MOULDING FOR LITES

D

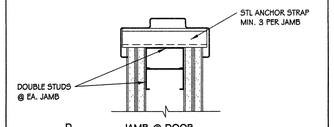


A HEAD @ DOOR
HEAD @ SIDELIGHT SIMILAR AS NOTED

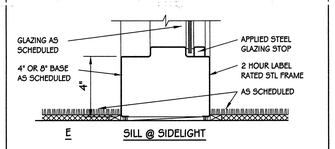
B MULLION @ DOOR/SIDELIGHT



C JAMB @ SIDELIGHT



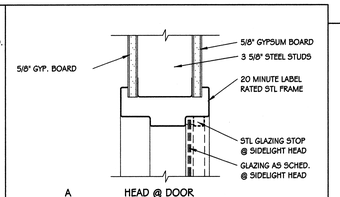
D JAMB @ DOOR



E SILL @ SIDELIGHT

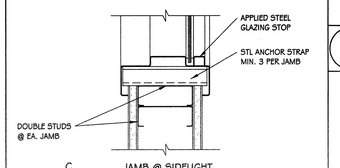
1 DOOR DETAIL w/ SIDELIGHT
2 HOUR LABEL RATED
SCALE: 3" = 1'-0"

DRDETL05

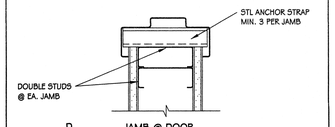


A HEAD @ DOOR
HEAD @ SIDELIGHT SIMILAR AS NOTED

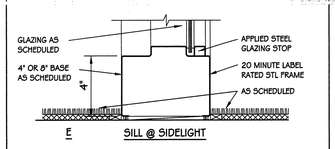
B MULLION @ DOOR/SIDELIGHT



C JAMB @ SIDELIGHT



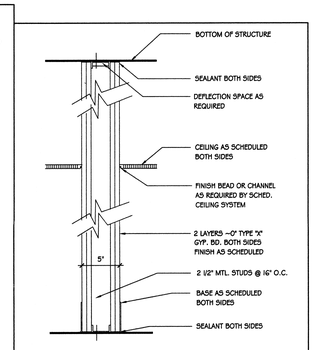
D JAMB @ DOOR



E SILL @ SIDELIGHT

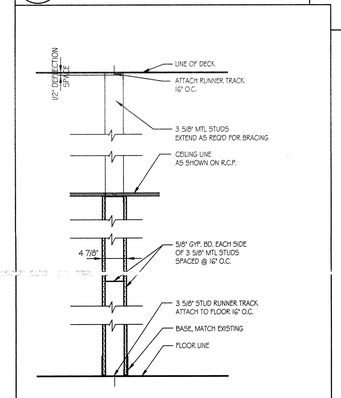
2 DOOR DETAIL w/ SIDELIGHT
SCALE: 3" = 1'-0"

DRDETL05



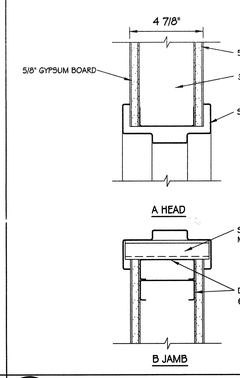
3 2 HR RATED PARTITION
UL #U411 (2 1/2" STUDS)
SCALE: 1-8" = 1'-0"

PARTD02



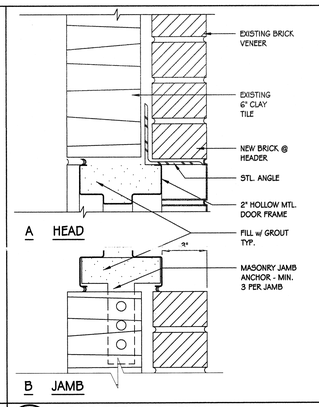
4 MTL STUD PARTITION
NON-RATED (3 5/8" MTL STUDS)
SCALE: 1"=1'-0"

PARTD01



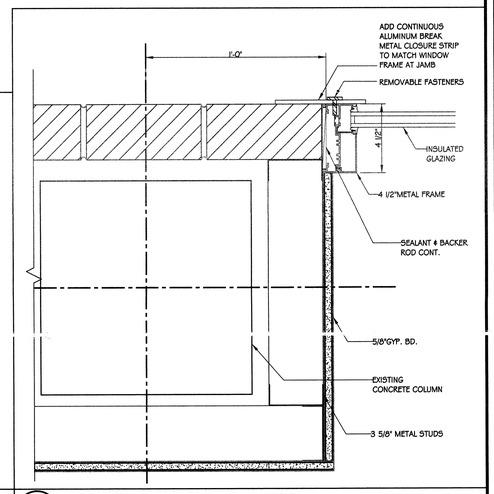
5 DOOR DETAIL
NOT RATED
SCALE: 3"=1'-0"

DRDETL04



6 DOOR DETAIL @ CMU
and VENEER PARTITION
SCALE: 3"=1'-0"

DRDETL04



7 PLAN DETAIL AT EXTERIOR WINDOW
SCALE: 3" = 1'-0"

PLNDTL

REGISTERED ARCHITECT
ARKANSAS

PROJECT TITLE
ARKANSAS STATE UNIVERSITY
MAIL / COPY CENTER
STATE UNIVERSITY , ARKANSAS 72467

CONTENTS
ROOM FINISH AND DOOR SCHEDULES
DOOR AND WINDOW TYPES
DOOR AND WINDOW DETAILS

WITTENBERG DELONY & DAVIDSON, INC.

SHEET	DATE	REVISIONS
A1.3	07 DEC 07	
	JOB NO. 07-062	

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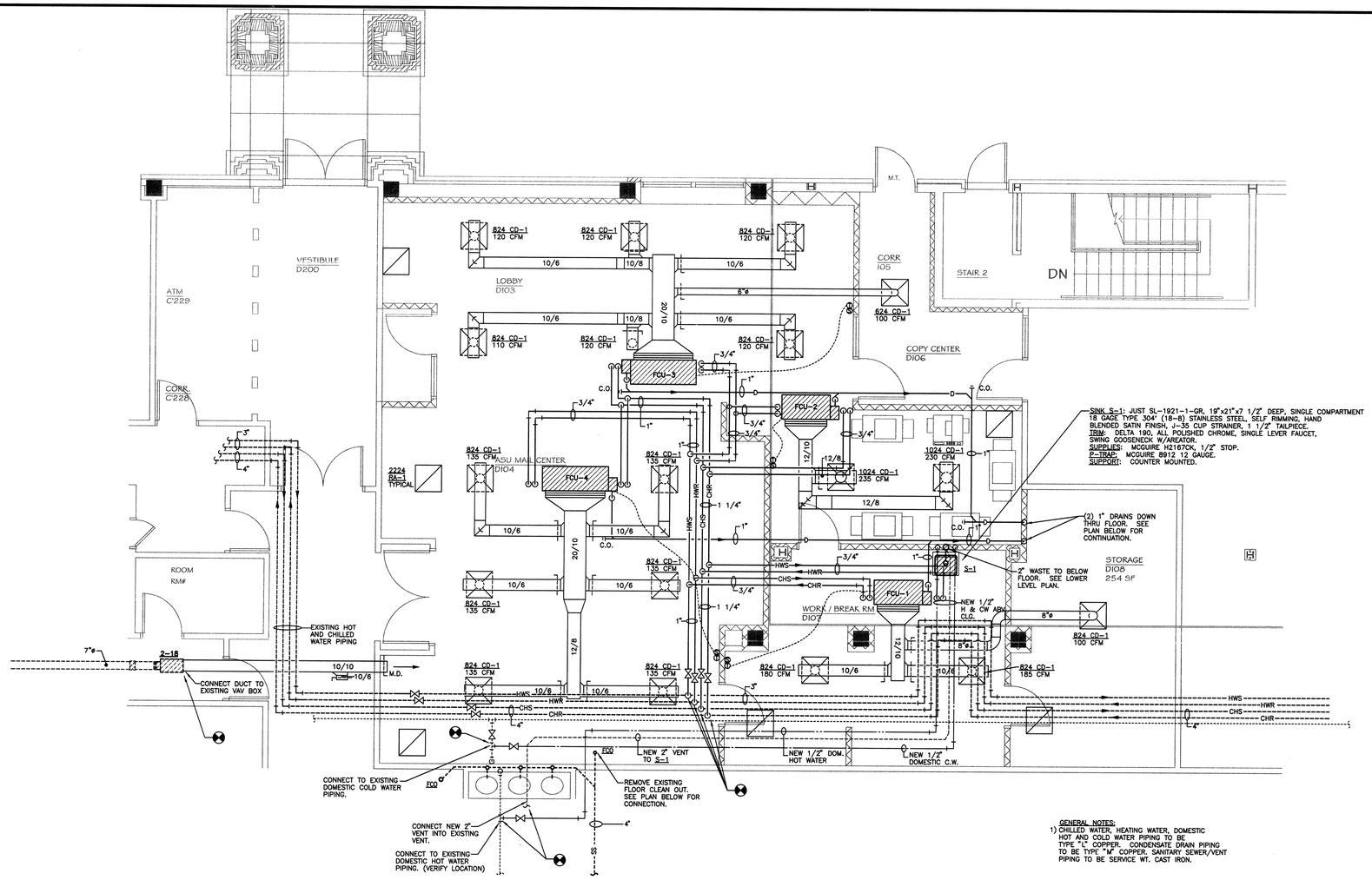
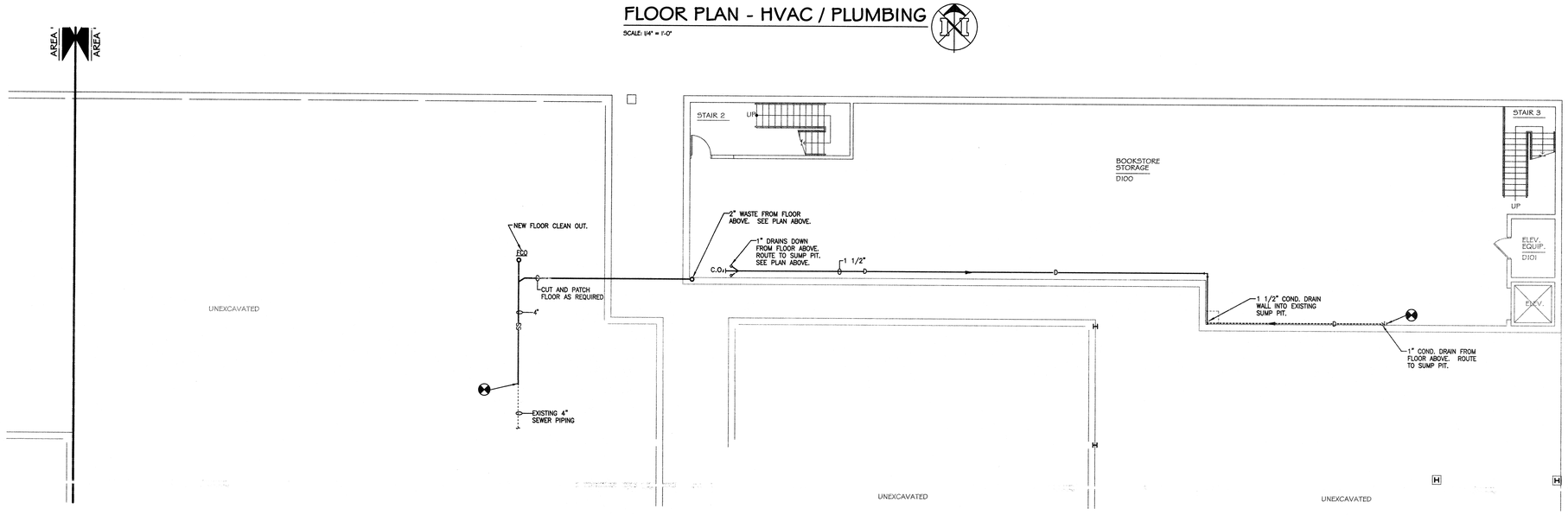


GENERAL NOTES:
1) CHILLED WATER, HEATING WATER, DOMESTIC HOT AND COLD WATER PIPING TO BE TYPE "L" COPPER. CONDENSATE DRAIN PIPING TO BE TYPE "M" COPPER. SANITARY SEWER/VENT PIPING TO BE SERVICE WT. CAST IRON.

FLOOR PLAN - HVAC / PLUMBING

SCALE: 1/4" = 1'-0"



FLOOR PLAN - LEVEL I / AREA "D" - HVAC / PLUMBING

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

CORPORATE REGISTRATION
PETTIT & PETTIT CONSULTING ENGINEERS, INC.
No. 78
ARKANSAS ENGINEER

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CONSULTING ENGINEERS, INC.

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 8859
RONALD R. HUGGINS

PETTIT & PETTIT
CONSULTING ENGINEERS, INC.
LITTLE ROCK, ARKANSAS

WITTENBERG DELONY & DAVIDSON, INC.

PROJECT TITLE
ARKANSAS STATE UNIVERSITY
MAIL / COPY CENTER
JONESBORO, ARKANSAS

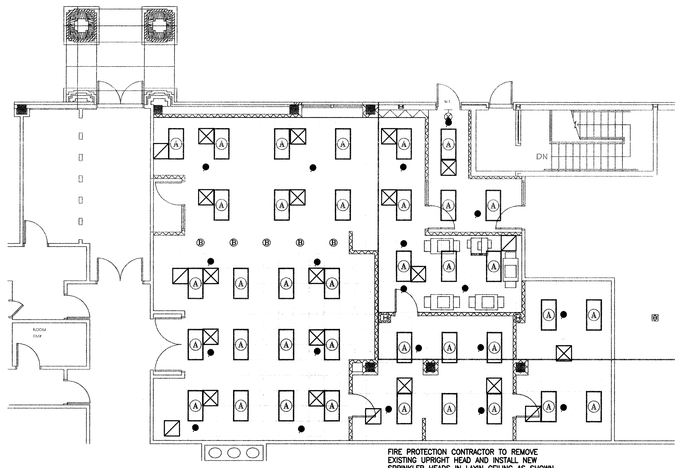
CONTENTS
FLOOR PLAN - A5U MAIL/COPY CENTER - HVAC

REVISIONS

DATE 07 DEC 07

JOB NO 07-062

SHEET MPI.1



FLOOR PLAN

FLOOR PLAN - FIRE PROTECTION

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

PLUMBING GENERAL NOTES

1. THE CONTRACTOR SHALL, PRIOR TO THE START OF ANY WORK UNDER THIS CONTRACT, JOB SITE VERIFY SIZE, LOCATION, ETC. OF ANY EXISTING PIPING NOTED, SHOWN OR IMPLIED, TO WHICH NEW PIPING IS RELATED OR CONNECTED.
2. HOT AND COLD WATER SUPPLIES TO FIXTURES SHALL BE AS FOLLOWS, UNLESS SHOWN OR NOTED OTHER WISE.
3. ALL SUPPLIES TO FIXTURE SHALL BE PROVIDED WITH HIGH EAR COUPLING EQUAL TO MUELLER CO. No. C-100HE (1/2", 3/4" OR 1" SIZE) AT THE WALL (ANCHOR TO CROSS MEMBER SUPPORT) BEFORE PIPE ENTERS ROOM SPACE TO ASSURE NO PIPE MOVEMENT WITHIN WALL CAVITY.
4. ALL VENTS THROUGH ROOF (V.T.R.) SHALL BE PROVIDED WITH 6# (24" X 24" SIZE) FLASHING. WHERE STANDING SEAM TYPE ROOF IS USED THE FLASHING SHALL BE IN ACCORDANCE WITH THE ROOFING MANUFACTURERS RECOMMENDATION AND AS DETAILED ON THE ARCHITECTURAL DRAWINGS. CLOSE COORDINATION WITH THE ROOFING CONTRACTOR SHALL BE MAINTAINED TO ASSURE THE VENT PENETRATION IS CENTERED WITHIN THE METAL ROOF PANELS. TYPICALLY FOR METAL OR OTHER SPECIAL MATERIAL ROOFS – USE MANUFACTURED RUBBER BOOT WITH STAINLESS STEEL HARDWARE TYPE THAT IS ARCHITECT APPROVED AND MUST BE COMPATIBLE WITH ROOFING SYSTEM AND ROOF WARRANTY.
5. IN ALL AREAS SUBJECT TO FREEZING WHERE PLUMBING FIXTURES ARE LOCATED ON EXTERIOR WALL WATER PIPING SHALL BE INSTALLED ON THE THERMAL SIDE OF THE BUILDING WALL INSULATION.
6. CLOSE COORDINATION AND COOPERATION SHALL BE MAINTAINED BETWEEN TRADES WITH REGARD TO PLUMBING, HVAC, FIRE PROTECTION AND ELECTRICAL PLANS.
7. PROVIDE CLEANOUT CLEARANCE IN ACCORDANCE WITH THE ARKANSAS STATE PLUMBING CODE, BUT DO NOT LOCATE IN FOOT TRAFFIC PATHWAYS, OR CARPETED FLOORS.
8. CUT WALLS, FLOORS OR CEILINGS AS REQUIRED TO INSTALL NEW PIPING. ALL FURRING AND REPAIRING SHALL BE BY THE GENERAL CONTRACTOR. COORDINATE REQUIREMENTS WITH THE GENERAL CONTRACTOR.
9. REWORK EXISTING WATER, SANITARY AND VENT PIPING AS REQUIRED TO INSTALL NEW PLUMBING FIXTURES.
10. WHERE EXISTING FIXTURES AND EQUIPMENT ARE REMOVED AND NOT REPLACED, CAP ALL PIPING WITHIN WALLS, FLOORS OR CEILINGS AS REQUIRED FOR CONCEALMENT.
11. REMOVE ALL EXPOSED EXISTING PIPING (INCLUDING ATTIC AND CRAWL SPACE) WHICH IS DEEMED INOPERABLE AS A RESULT OF THIS CONTRACT UNLESS SHOWN OR NOTED OTHERWISE.
12. EXISTING PIPE, TO WHICH NEW PIPE IS CONNECTED, SHALL BE RODDED, FLUSHED AND CLEANED FROM POINT OF CONNECTION TO MAIN OUTSIDE BUILDING.
13. ALL PLUMBING FIXTURES, VALVES AND EQUIPMENT WHICH ARE TO BE REMOVED AND NOT RELOCATED SHALL BECOME THE PROPERTY OF THE OWNER AND DELIVERED TO STORAGE ON SITE AS DIRECTED BY THE OWNER. ALL PIPING SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND REMOVED FROM THE JOB SITE.
14. ALL ROOF DRAINS, VENTS THROUGH ROOF, ETC. WHICH ARE DEEMED INOPERABLE AS A RESULT OF THIS WORK OR PREVIOUS WORK SHALL BE REMOVED FOR PATCHING BY THE GENERAL CONTRACTOR IN COORDINATION WITH THE RE-ROOFING SCOPE OF WORK. ALL ACTIVE ROOF DRAINS, VENTS THROUGH THE ROOF, ETC. WHICH ARE ACTIVE SHALL BE RECONNECTED OR EXTENDED AS REQUIRED TO MAINTAIN SERVICE.
15. HOT AND COLD WATER PIPING TO BE INSULATED WITH 1" THICK FIBERGLASS INSULATION.

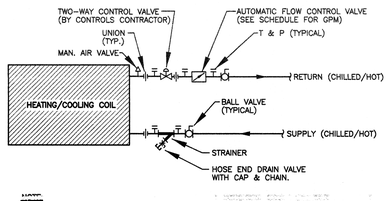
FANCOIL UNIT SCHEDULE

NOTE: 1. PROVIDE ALL FAN-COIL UNITS WITH PRE-ASSEMBLED PIPING PACKAGES, DRIP LIP UNDER CHILLED WATER COIL CONNECTION AND CONDENSATE OVERFLOW SWITCHES MOUNTED IN UNIT. 2. PROVIDE VIBRATION ISOLATORS FOR ALL FAN-COIL UNITS HUNG FROM STRUCTURE.

DESIG.	MFR/MDL.	TYPE	CFM	ESP	CHILLED WATER COIL								HEATING WATER COIL							MOTOR		REMARKS
					EAT	EWT	LWT	GPM	PD	TH(MBH)	SH(MBH)	PIPE SIZE	EAT	EWT	LWT	GPM	PD	MBH	PIPE SIZE	H.P.	VOLT/PHASE	
FCU-1	INTERNATIONAL/ CPY6	HORIZONTAL CONCEALED	465	.2"	76° db 63° wb	44° F	54° F	2.1	1.7'	10.3	9.1	3/4"	70° F	180°	150°	1.2	1.4'	16.9	3/4"	1/12	115V/1ø	PROVIDE FAN SPEED SWITCH. CONNECT TO BUILDING TRANE CONTROL SYSTEM.
FCU-2	INTERNATIONAL/ CPY6	HORIZONTAL CONCEALED	465	.2"	76° db 63° wb	44° F	54° F	2.1	1.7'	10.3	9.1	3/4"	70° F	180°	150°	1.2	1.4'	16.9	3/4"	1/12	115V/1ø	PROVIDE FAN SPEED SWITCH. CONNECT TO BUILDING TRANE CONTROL SYSTEM.
FCU-3	INTERNATIONAL/ BPY10	HORIZONTAL CONCEALED	810	.25"	76° db 63° wb	44° F	54° F	3.5	2.6'	17.3	15.4	1"	70° F	180°	150°	2.1	5.8'	30.6	3/4"	1/8	115V/1ø	PROVIDE FAN SPEED SWITCH. CONNECT TO BUILDING TRANE CONTROL SYSTEM.
FCU-4	INTERNATIONAL/ BPY10	HORIZONTAL CONCEALED	810	.25"	76° db 63° wb	44° F	54° F	3.5	2.6'	17.3	15.4	1"	70° F	180°	150°	2.1	5.8'	30.6	3/4"	1/8	115V/1ø	PROVIDE FAN SPEED SWITCH. CONNECT TO BUILDING TRANE CONTROL SYSTEM.

AIR DEVICE SCHEDULE

DESIG.	MFR./MDL.	TYPE	FACE SIZE	FINISH	FREE AREA	ACCESS.	REMARKS
CD-1	TUTTLE & BAILEY / SN	LVRD. FACE CEILING SUPPLY	AS NOTED	WHITE	---	VOLUME CONTROL	FIXED CORE
RA-1	TUTTLE & BAILEY / PR	PERF. FACE CEILING RETURN	AS NOTED	WHITE	51%	----	



NOTE:
PIPING PACKAGES SHALL BE SUPPLIED BY GRISWOLD, FLOW DESIGN OR APPROVED EQUAL. SEE FAN-COIL UNIT SCHEDULES & SPECIFICATIONS FOR ALL OPTIONS TO BE PROVIDED WITH UNITS.

1 FAN COIL UNIT PIPING DETAIL

N.T.S.

HVAC GENERAL NOTES / SPECIFICATION

1. DUE TO THE SMALL SCALE OF THIS DRAWING, IT IS NOT POSSIBLE TO INDICATE ALL OFFSETS, FITTINGS, AND ACCESSORIES WHICH MAY BE REQUIRED. THE CONTRACTOR SHALL INVESTIGATE THE STRUCTURAL AND FINISH CONDITIONS AFFECTING THE WORK AND SHALL COORDINATE AND ARRANGE HIS WORK ACCORDINGLY.
2. DUCT SIZES INDICATED ON PLANS ARE ACTUAL SHEET METAL SIZES AND DO ALLOW FOR INTERNAL INSULATION OF RECTANGULAR DUCT, IF APPLICABLE.
3. ALL DUCTWORK SHALL BE CONSTRUCTED OF GALVANIZED SHEET METAL USING PITTSBURGH LOCK SEAMS UNLESS OTHERWISE SPECIFIED.
4. SHEET METAL GAUGES, REINFORCING JOINTS, SEAMS, ETC. SHALL BE AS CALLED FOR IN THE LATEST EDITION OF THE SMACNA MANUAL "HVAC DUCT CONSTRUCTION STANDARDS", EXCEPT METAL GAUGES AND REINFORCING SHALL BE DESIGNED FOR A MINIMUM OF 2" STATIC PRESSURE.
5. ROUND BRANCH DUCT RUNOUTS SHALL BE SAME SIZE AS DIFFUSER THROAT UNLESS OTHERWISE NOTED.
6. MOUNT ALL THERMOSTATS AT SAME HEIGHT AS LIGHT SWITCHES.
7. FLEXIBLE DUCT MAY BE USED FOR FINAL CONNECTIONS TO DIFFUSERS. A MAXIMUM LENGTH OF THREE FEET (3') SHALL BE USED.
8. ALL CEILING-MOUNTED SUPPLY DIFFUSERS SHALL HAVE FOUR-WAY (4-WAY) PATTERN UNLESS OTHERWISE INDICATED.
9. WHERE SPLITTER DAMPERS ARE LOCATED ABOVE NON-ACCESSIBLE CEILINGS, PROVIDE EXTENDED CONTROL ROD AND REGULATOR AS SPECIFIED.
10. WHERE MANUAL DAMPERS ARE INSTALLED IN EXTERNALLY INSULATED DUCTWORK, PROVIDE STAND-OFF BRACKET TO PREVENT COMPRESSION OF INSULATION BY DAMPER OPERATOR HANDLE.
11. PROVIDE TURNING VANES IN ALL 90-DEGREE ELBOWS.
12. PROVIDE SLEEVES THROUGH WALLS AND FLOORS. SEAL EXCESS OPENING WITH WATER-PROOF SEALANT. COORDINATE LOCATIONS AND SIZES OF SLEEVES WITH GENERAL CONTRACTOR. SLEEVES SHALL PROVIDE A MAXIMUM OF 1" CLEARANCE BETWEEN DUCT OR PIPE AND SLEEVE. SEAL PENETRATION IN FIRE/SMOKE RATED WALLS AND FLOOR WITH AN APPROVED FIRE/SMOKE BLOCK SEALANT.
13. ALL SUPPLY AND RETURN AIR DUCTWORK SHALL BE INSULATED WITH 2" GLASS FIBER INSULATION (1 lb./cf density)
14. EXTERNALLY INSULATE SUPPLY, RETURN, RELIEF, AND OUTSIDE AIR DUCTWORK UNLESS NOTED OTHERWISE.
15. EXHAUST DUCTWORK SHALL BE UN-INSULATED, UNLESS NOTED OTHERWISE.
16. EXTERNALLY INSULATE LOW-VELOCITY ROUND RUNOUT DUCTWORK.
17. INSULATE THE TOP OF ALL SUPPLY AIR DIFFUSERS WITH A MINIMUM OF 1/2" THICK FIBERGLASS DUCT WRAP.
18. INSULATE ALL CHILLED AND HOT WATER PIPING WITH 1" MOLDED GLASS FIBER PIPE INSULATION WITH ALL SERVICE JACKET. PROVIDE PIPE IDENTIFICATION MARKERS OVER INSULATION COVER.
19. INSULATE ALL PIPING, DUCTS, AND EQUIPMENT, WHETHER INDICATED OR NOT, WHOSE NORMAL OPERATING SURFACE TEMPERATURE EXCEEDS 120 DEGREES (F) UNLESS SPECIFICALLY NOTED OTHERWISE.
20. INSULATE ALL CONDENSATE DRAIN PIPING WITH 1/2" MOLDED GLASS FIBER INSULATION.
21. REFER TO ARCHITECTURAL PLANS FOR LOCATIONS OF FIRE AND SMOKE RATED PARTITIONS.
22. COORDINATE LOCATION OF DUCTS AND DIFFUSERS WITH STRUCTURAL FRAMING MEMBERS. OFFSET DUCTS AS REQUIRED TO CLEAR STRUCTURAL MEMBERS.
23. COORDINATE LOCATIONS AND ELEVATION OF DUCT RUNS WITH PLUMBING, SPRINKLER, AND ELECTRICAL CONTRACTORS.
24. COORDINATE EQUIPMENT ELECTRICAL REQUIREMENTS WITH ELECTRICAL CONTRACTOR.
25. PRIOR TO THE START OF ANY WORK UNDER THIS CONTRACT, THE CONTRACTOR SHALL JOB-SITE VERIFY SIZE, ELEVATION, LOCATION, ETC. OF ANY EXISTING PIPING OR DUCTS NOTED, SHOWN, OR IMPLIED TO WHICH NEW PIPING IS RELATED OR CONNECTED. NOTIFY THE ARCHITECT OF ANY DISCREPANCIES.
26. TO MINIMIZE DISRUPTION OF THE OWNER'S ON-GOING DAILY ACTIVITIES WITHIN THE EXISTING BUILDING, THE CONTRACTOR SHALL SCHEDULE HIS WORK AS REQUIRED TO MAINTAIN EXISTING SERVICES DURING CONSTRUCTION AND CLOSELY COORDINATE ANY OUTAGES WITH THE OWNER'S REQUIREMENTS.

CORPORATE REGISTRATION PETTIT & PETTIT CONSULTING ENGINEERS, INC. No. 78 ARKANSAS ENGINEER

STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER No. 5350 DONALD R. HUDGINS 11-7-07

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PETTIT & PETTIT CONSULTING ENGINEERS, INC. LITTLE ROCK, ARKANSAS

PROJECT TITLE
ARKANSAS STATE UNIVERSITY
MAIL / COPY CENTER
JONESBORO, ARKANSAS

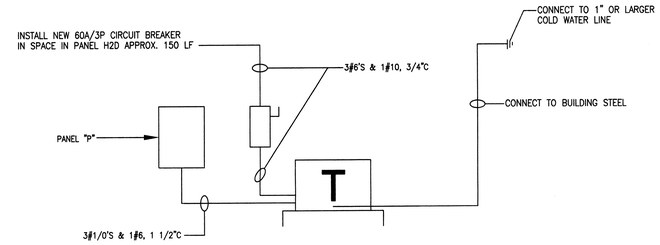
WITTENBERG, DELONY & DAVIDSON, INC.

CONTENTS
FLOOR PLAN - ASU MAIL/COPY CENTER - FIRE PROTECTION
DETAILS AND SCHEDULES

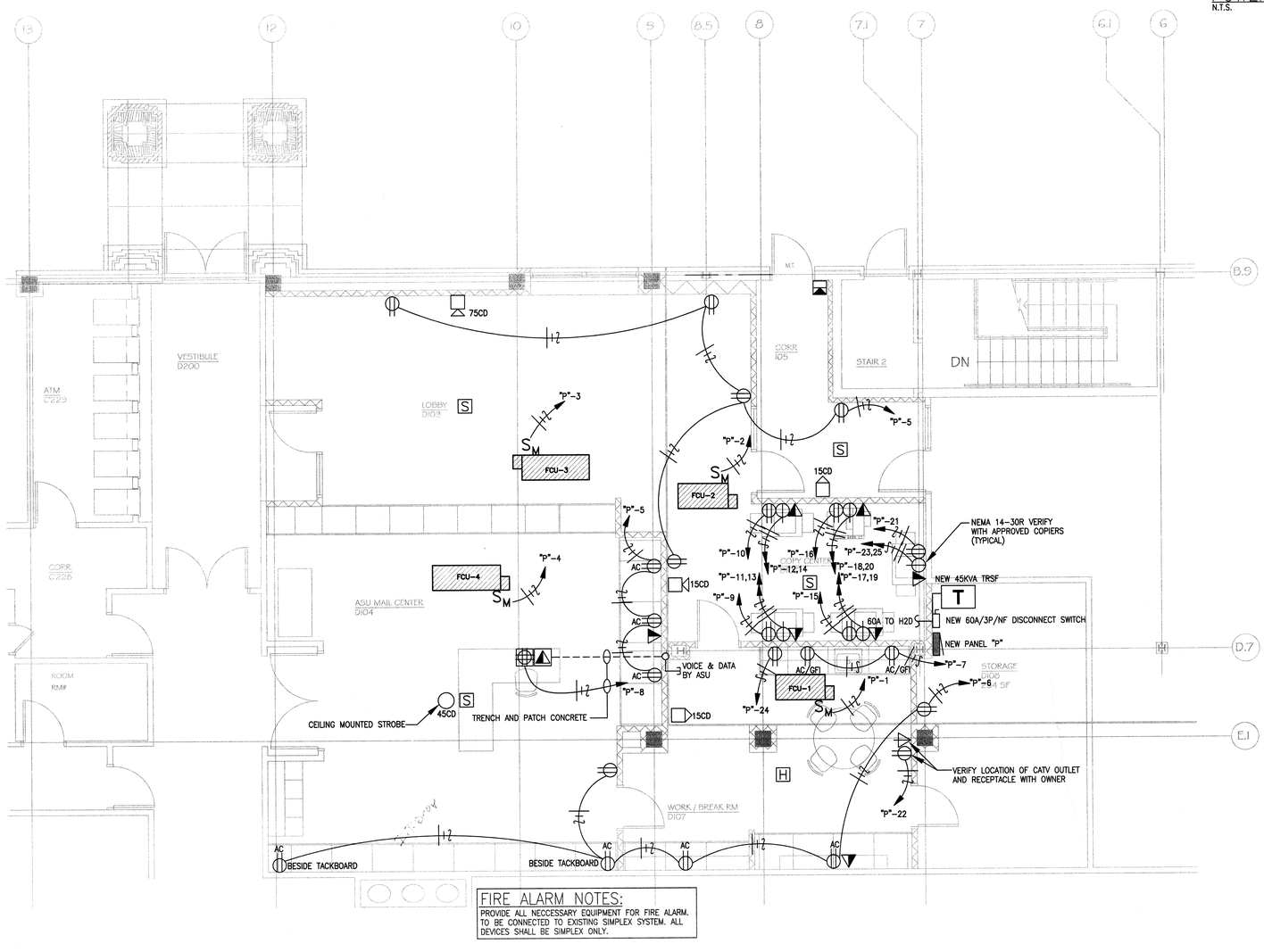
REVISIONS

DATE 07 DEC 07
JOB NO 07-062

SHEET MPI.2



POWER RISER DIAGRAM
N.T.S.



FIRE ALARM NOTES:
PROVIDE ALL NECCESSARY EQUIPMENT FOR FIRE ALARM. TO BE CONNECTED TO EXISTING SIMPLEX SYSTEM. ALL DEVICES SHALL BE SIMPLEX ONLY.

ELECTRICAL FLOORPLAN - POWER
SCALE: 1/4" = 1'-0"

STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER No. 12363 ANTHONY DAVID ALLISON 12-12-07

CORPORATE REGISTRATION PETTIT & PETTIT CONSULTING ENGINEERS, INC. No. 78 ARKANSAS ENGINEER

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STATE UNIVERSITY, ARKANSAS 72467

CONTENTS
ELECTRICAL FLOORPLAN - POWER & FIRE ALARM

REVISIONS

DATE 07 DEC 07
JOB NO 07-062

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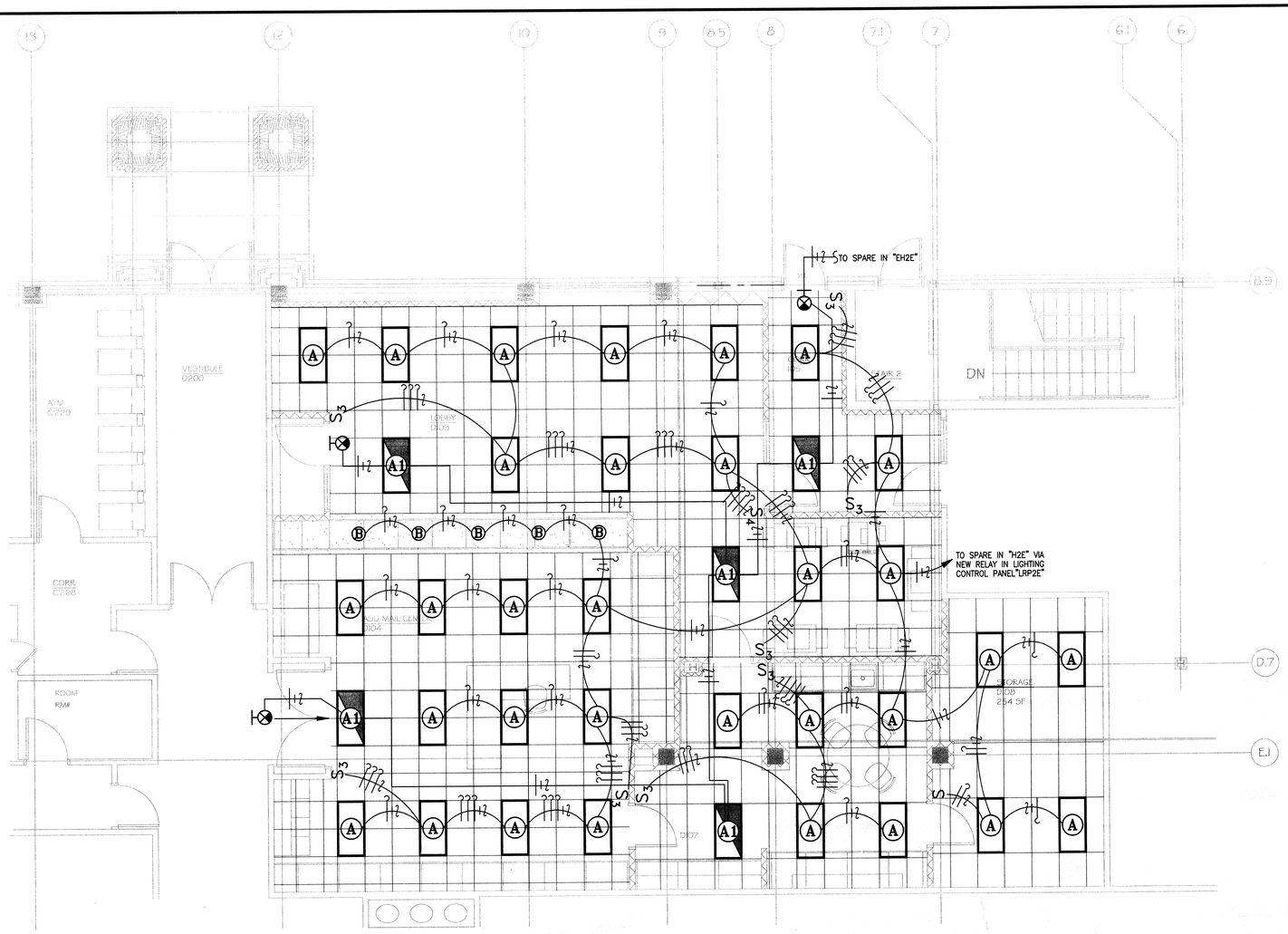

FLOOR PLAN

ELECTRICAL FLOORPLAN - LIGHTING

SCALE: 1/4" = 1'-0"

SYMBOLS SCHEDULE

SYMBOL	DESCRIPTION
S_M	SWITCH - MECHANICAL EQUAL TO SQUARE D CLASS 2510 W/ OVERLOAD
S	SWITCH - EQUAL TO 20A SPECIFICATING GRADE COLOR BY ARCHITECT
	RECEPTACLE - EQUAL TO 20A SPECIFICATION GRADE COLOR BY ARCHITECT
	FLOOR BOX - EQUAL TO WIREMOLD 880 C82-1\B2TB\B2BR\B2BR
	CIRCUIT HOMERUN - SHOWING HOT, NEUTRAL, AND GROUND
	CABLE TV RECEPTACLE - EWC
	DISCONNECT SWITCH - HEAVY DUTY 600V
T	TRANSFORMER - EQUAL TO SQUARE D ENERGY EFFICIENT, TP\\TP2\ST20
	PANELBOARD
	DATA RECEPTACLE - CAT 6
A	2X4 FLUORESCENT - EQUAL TO WILLIAMS SO-6624-282-SA12\2S-2TT-EB
A1	2X4 FLUORESCENT - EQUAL TO WILLIAMS SO-6624-282-SA12\2S-2TT-EB BALLAST EQUAL TO BODINE B50
	DOWNLIGHT - EQUAL TO WILLIAMS PHTS-282T-2TT-EB BALLAST EQUAL TO [illegible]
AC	DENOTES ABOVE COUNTER
GFI	DENOTES GROUND FAULT INTERRUPTING
	EXIT SIGN - EQUAL TO EXIT-R-AC-WHITE
S	SMOKE ALARM - EQUAL TO SIMPLEX
1520	STROBE - WITH CANDELA RATING INDICATED - EQUAL TO SIMPLEX
	FIRE ALARM COMBINATION HORN/STROBE - EQUAL TO SIMPLEX
H	HEAT DETECTOR - EQUAL TO SIMPLEX

GENERAL NOTES

1. CIRCUITS OF DIFFERENT PHASES MAY SHARE EQUIPMENT GROUND. EQUIPMENT GROUND CONDUCTOR SIZE SHALL NOT BE LESS THAN #12 AWG OR AS INDICATED ON THE DRAWINGS.
2. ALL CONDUCTORS #10 AND SMALLER SHALL BE SOLID COPPER THN THHN THWN, AND ALL CONDUCTORS #8 AND LARGER SHALL BE STRANDED COPPER USING BOLTED LUGS AT TERMINALS.
3. MINIMUM CONDUIT SIZE SHALL BE 3/4" UNLESS OTHERWISE NOTED. CONDUIT IN DRY LOCATIONS SHALL BE EMT. ALL CONDUIT SHALL BE CONCEALED UNLESS OTHERWISE NOTED.
4. MINIMUM WIRE SIZE SHALL BE #12 AWG UNLESS OTHERWISE NOTED.
5. ALL WORK SHALL COMPLY WITH THE 2005 EDITION OF THE NATIONAL ELECTRIC CODE.
6. ELECTRICAL CONTRACTOR SHALL CLOSELY COORDINATE WITH MECHANICAL & PLUMBING CONTRACTORS FOR EXACT LOCATION OF HVAC & PLUMBING EQUIPMENT.
7. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER SIZING OF ALL MOTOR OVERLOAD DEVICES (HEATERS) IN STARTERS BASED ON ACTUAL NAMEPLATE RATINGS ON THE MOTORS BEING INSTALLED.
8. USE COMPRESSION FITTINGS ON CONDUIT, SET SCREW FITTINGS ARE NOT ALLOWED.
9. LABEL ALL NEW CIRCUITS ON PANEL SCHEDULES.
10. 6' MAX. LENGTH ON FLEX CONDUIT.
11. FIRE PROOF ALL PENETRATIONS MADE IN THROUGH FIRE RATED WALLS.
12. ALL DEVICES SHALL BE RATED 20AMP MIN., VERIFY COLOR WITH ARCHITECT.
13. CONNECT DEVICES BY WRAPPING WIRE AROUND SCREW TERMINAL IN A CLOCKWISE DIRECTION AND TIGHTEN SCREW, BACK-CONNECTED SPRING DEVICES ARE NOT ALLOWED
14. PULL ALL THE CONDUCTORS THROUGH RACEWAY AT THE SAME TIME.
15. ALL BOXES SHALL BE INDEPENDENTLY SUPPORTED TO BUILDING STRUCTURE.
16. CONTRACTOR SHALL REFER TO THE ARCHITECTURAL ELEVATIONS AND MILLWORK DETAILS FOR EXACT LOCATIONS OF ALL WIRING DEVICES.
17. CONTRACTOR SHALL REFER TO THE ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL LAY-IN LIGHT FIXTURES.
18. THE SPECIFICATIONS ARE AS BINDING ON THE CONTRACTOR AS THE DRAWINGS. THE CONTRACTOR SHALL READ THE SPECIFICATIONS AND SHALL INCLUDE ALL ITEMS REQUIRED BY THE SPECIFICATIONS BEFORE SUBMITTING A BID.

PANELBOARD: P	VOLTAGE: 120Y208, 3ø, 4W	COPPER BUS RATING: 225A	MAIN: 125A MCB	TOTAL CONNECTED VA: 21600
LOCATION: STORAGE ROOM	MFG. AND TYPE: SQUARE-D "NQOD"	EQUIP. GRD. BUS: YES	ISOL. GRD. BUS: NO	TOTAL A Ø : 6050
MOUNTING: SURFACE	ENCLOSURE: NEMA 1	MINIMUM A.I.C. RATING: 10KAIC	FED FROM: 45KVA TRSF	TOTAL B Ø : 8600
				TOTAL C Ø : 6950

LOAD (VA) AØ	LOAD (VA) BØ	LOAD (VA) CØ	SERVES	P/T	CIR. NO.	ABC	CIR. NO.	P/T	SERVES	LOAD (VA) AØ	LOAD (VA) BØ	LOAD (VA) CØ
300			FCU-1	1/20	1		2	1/20	FCU-2	300		
	350		FCU-3	1/20	3		4	1/20	FCU-4		350	
		1000	GENERAL USE RECEPTACLES	1/20	5		6	1/20	GENERAL USE RECEPTACLES			1200
700			MICROWAVE	1/20	7		8	1/20	COMPUTER	400		
	1500		COPIER	1/20	9		10	1/20	COPIER		1500	
		750	COPIER	2	11		12	2	COPIER			750
750			COPIER	2/20	13		14	2/20	COPIER	750		
	1500		COPIER	1/20	15		16	1/20	COPIER		1500	
		750	COPIER	2	17		18	2	COPIER			750
750			COPIER	2/20	19		20	2/20	COPIER	750		
	1500		COPIER	1/20	21		22	1/20	TELEVISION		400	
		750	COPIER	2	23		24	1/20	REFRIGERATOR			1000
750			COPIER	2/20	25		26	1/20	RECEPTACLES	600		
	-		-		27		28		-		-	
		-	-		29		30		-			-
-			-		31		32		-	-		
	-		-		33		34		-		-	
		-	-		35		36		-			-
-			-		37		38		-	-		
	-		-		39		40		-		-	
		-	-		41		42		-			-

STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER No. 12393 ANTHONY DAVID ATCOCK 12-7-07

CORPORATE REGISTRATION PETTIT & PETTIT CONSULTING ENGINEERS, INC. No. 78 ARKANSAS ENGINEER

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ELECTRICAL FLOORPLAN - LIGHTING

E1.2

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