

INDEX OF DRAWINGS

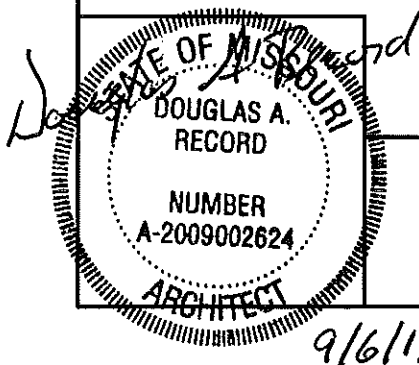
- 1 -25 COVER SHEET
- 2 -25 PARTIAL SITE PLAN
- 3 -25 CONCRETE SLAB PLAN
- 4 -25 DEMOLITION FLOOR PLAN
- 5 -25 PARTIAL FLOOR PLAN
- 6 -25 MEZZANINE PLAN
- 7 -25 SCHEDULES
- 8 -26 PARTIAL NORTH ELEVATION
- 9 -25 BUILDING SECTION
- 10-25 STAIR DETAILS
- 11-25 WALL SECTIONS
- 12-25 DETAILS
- 13-25 JAMB DETAILS
- 14-25 REFLECTED CEILING PLAN
- 15-25 DEMOLITION PLUMBING PLAN
- 16-25 PLUMBING PLAN
- 17-25 PLUMBING & MECHANICAL NOTES
- 18-25 MECHANICAL PLAN
- 19-25 DEMOLITION ELECTRICAL PLAN
- 20-25 MEZZANINE ELECTRICAL PLAN
- 21-25 LIGHTING PLAN
- 22-25 POWER PLAN
- 23-25 EXISTING PANEL BOARDS
- 24-25 PANEL BOARDS
- 25-25 ELECTRICAL NOTES & SCHEDULES

MISSOURI DEPARTMENT
OF TRANSPORTATION

Joplin Striping Building Renovation
Southwest District
2800 Stephens Boulevard
Jasper County

CODE REQUIREMENTS

- BUILDING CODE - CURRENT IBC
- PLUMBING CODE - CURRENT IBC
- MECHANICAL CODE - CURRENT IBC
- ELECTRICAL CODE - CURRENT N.E.C.

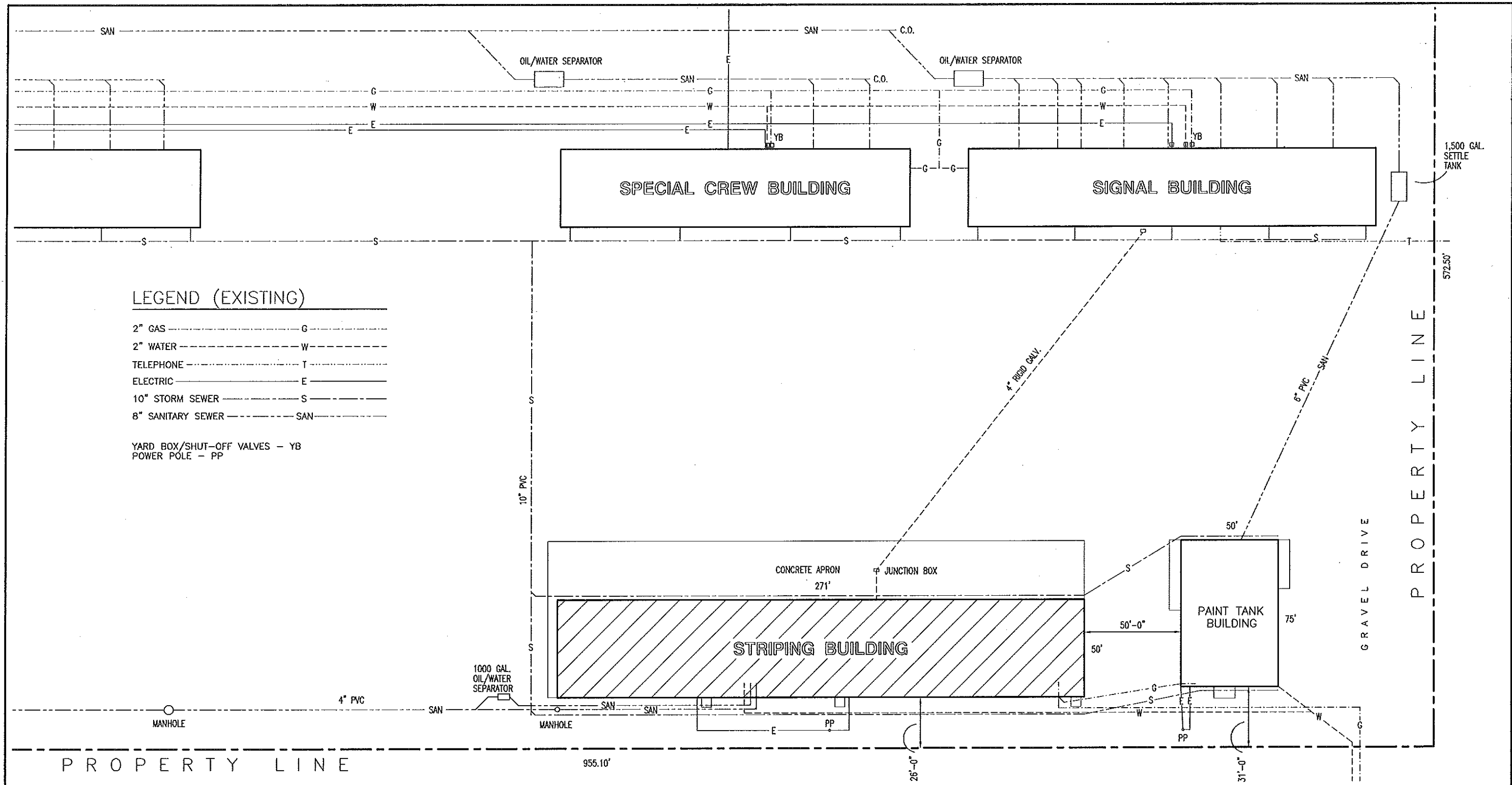


COVER SHEET

MISSOURI DEPARTMENT
OF TRANSPORTATION
DIVISION OF GENERAL SERVICES
FACILITIES MANAGEMENT

JOPLIN STRIPING BUILDING RENOVATION
2800 Stephens Boulevard
Southwest District - Jasper County

DESIGN BY: LARRY CARVER
DRAWN BY: LARRY CARVER
DATE: 9-6-13
Sheet
1 of 25



PARTIAL SITE PLAN
SCALE: 1"=50'-0"



STATE OF MISSOURI
DOUGLAS A. RECORD
NUMBER
A-2009002624
ARCHITECT
9/6/13

PARTIAL SITE PLAN

**MISSOURI DEPARTMENT
OF TRANSPORTATION**
DIVISION OF GENERAL SERVICES
FACILITIES MANAGEMENT

JOPLIN STRIPING BUILDING RENOVATION
2800 Stephens Boulevard
Southwest District - Jasper County

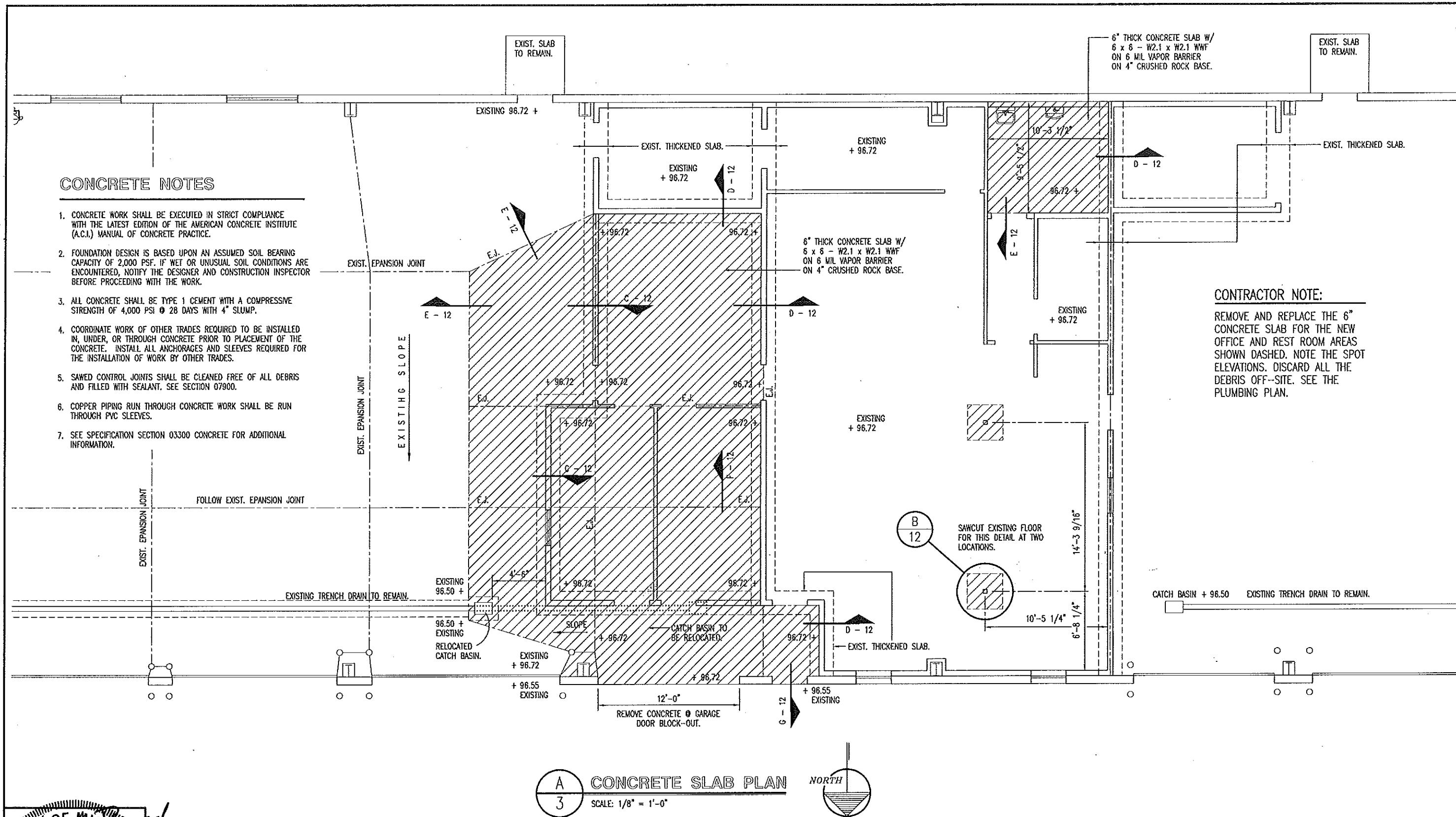
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DATE: 8-30-13
Sheet
2 of 25

CONCRETE NOTES

1. CONCRETE WORK SHALL BE EXECUTED IN STRICT COMPLIANCE WITH THE LATEST EDITION OF THE AMERICAN CONCRETE INSTITUTE (A.C.I.) MANUAL OF CONCRETE PRACTICE.
2. FOUNDATION DESIGN IS BASED UPON AN ASSUMED SOIL BEARING CAPACITY OF 2,000 PSF. IF WET OR UNUSUAL SOIL CONDITIONS ARE ENCOUNTERED, NOTIFY THE DESIGNER AND CONSTRUCTION INSPECTOR BEFORE PROCEEDING WITH THE WORK.
3. ALL CONCRETE SHALL BE TYPE 1 CEMENT WITH A COMPRESSIVE STRENGTH OF 4,000 PSI @ 28 DAYS WITH 4" SLUMP.
4. COORDINATE WORK OF OTHER TRADES REQUIRED TO BE INSTALLED IN, UNDER, OR THROUGH CONCRETE PRIOR TO PLACEMENT OF THE CONCRETE. INSTALL ALL ANCHORAGES AND SLEEVES REQUIRED FOR THE INSTALLATION OF WORK BY OTHER TRADES.
5. SAWED CONTROL JOINTS SHALL BE CLEANED FREE OF ALL DEBRIS AND FILLED WITH SEALANT. SEE SECTION 07900.
6. COPPER PIPING RUN THROUGH CONCRETE WORK SHALL BE RUN THROUGH PVC SLEEVES.
7. SEE SPECIFICATION SECTION 03300 CONCRETE FOR ADDITIONAL INFORMATION.

CONTRACTOR NOTE:

REMOVE AND REPLACE THE 6" CONCRETE SLAB FOR THE NEW OFFICE AND REST ROOM AREAS SHOWN DASHED. NOTE THE SPOT ELEVATIONS. DISCARD ALL THE DEBRIS OFF-SITE. SEE THE PLUMBING PLAN.



CONCRETE SLAB PLAN
SCALE: 1/8" = 1'-0"

STATE OF MISSOURI
DOUGLAS A. RECORD
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CONCRETE SLAB PLAN

MISSOURI DEPARTMENT
OF TRANSPORTATION
DIVISION OF GENERAL SERVICES
FACILITIES MANAGEMENT

JOPLIN STRIPING BUILDING RENOVATION
2800 Stephens Boulevard
Southwest District - Jasper County

DESIGN BY: LARRY CARYER
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Sheet 3 of 25

EXIST. WINDOW TO REMAIN.

EXIST. WINDOW TO REMAIN.

EXIST. DOOR TO REMAIN.

EXIST. DOOR TO REMAIN.

EXIST. AIR COMPRESSOR TO REMAIN.

DEMOLITION NOTES

- 1 REMOVE EXISTING DOOR(S) & FRAME RETURN TO OWNER. PREP WALL FOR NEW DOOR.
- 2 REMOVE EXISTING DOOR AND FRAME. RETURN TO OWNER.
- 3 REMOVE EXISTING SERVICE SINK AND WATER COOLER (RETURN WC TO OWNER). RELOCATE WHERE SHOWN ON PLUMBING PLAN. REMOVE WATER LINES AND VENT STACKS AS REQUIRED. PATCH HOLES IN FLOORS WITH LIKE MATERIALS.
- 4 REMOVE EXISTING WOOD STAIRS WITH METAL HANDRAILS AND DISCARD OFF-SITE.
- 5 REMOVE EXISTING TRENCH DRAIN AS REQUIRED FOR NEW LOCATION OF EXISTING CATCH BASIN. PATCH FLOOR AS REQUIRED WITH LIKE MATERIALS. SEE PLUMBING PLAN. MAINTAIN AND ADJUST FOR AN OPERABLE TRENCH DRAIN AND BASIN.
- 6 REMOVE AND RELOCATE EXISTING WINDOW INTO NEW WALL TO THE EAST. SEE FLOOR PLAN AND BUILDING SECTION. BOX-IN. SEE FINISH SCHEDULE.
- 7 REMOVE EXISTING PARTITION WALL, GRID & ACOUSTIC CEILING TO UNDERNEATH MEZZANINE. DISCARD ALL DEBRIS OFF-SITE (TYP.). PATCH EXISTING WALLS AS REQUIRED WITH LIKE MATERIALS. REMOVE ELECTRICAL DEVICES WITH CONDUIT AND CONDUCTORS INSIDE WALL BACK TO PANEL BOARD. SHORE TRUSSES DURING CONSTRUCTION FOR NEW GULFSTREAM BEAM.
- 8 REMOVE EXISTING CASEWORK END(S) AS REQUIRED FOR NEW PARTITION WALL AND PROVIDE SEALANT AT CASEWORK NEXT TO WALL. (TYPICAL)
- 9 AFTER WALL IS REMOVED PROVIDE (TRIM) ENDS TO CASEWORK AS REQUIRED FOR A NEAT APPEARANCE.
- 10 RELOCATE EXISTING SINK, TOILET, URINAL AND ACCESSORIES. SEE PLUMBING PLAN. REMOVE WATER LINES AND VENT STACKS AS REQUIRED. MAINTAIN FUNCTIONALITY OF EXISTING PLUMBING APPLIANCES TO REMAIN.
- 11 REMOVE EXISTING GUARDRAIL AND GATE AT MEZZANINE EDGE AND RETURN TO OWNER. REMOVE EXISTING FRP AND VINYL BASE AND DISCARD OFF-SITE.
- 12 REMOVE EXISTING 1/2" PLYWOOD WALL FINISH AND BASE. DISCARD OFF-SITE.
- 13 REMOVE EXISTING 4" VINYL WALL BASE. DISCARD OFF-SITE.
- 14 REMOVE EXISTING WALL PARTITION AS REQUIRED FOR NEW PASSAGE DOOR WITH NEW HEADER.

- 15 REMOVE EXISTING GARAGE DOOR, TRACK, OPENER AND SWITCHING AND RETURN TO OWNER. REMOVE (4) FOUR STEEL PIPE BOLLARDS LEVEL WITH THE CONCRETE SLAB. DISCARD DEBRIS OFF-SITE. PATCH THE CONCRETE SLABS TO MATCH EXISTING.
- 16 REMOVE EXISTING 2 x 12's AND 3/4" PLYWOOD FLOORING AS/IF REQUIRED FOR NEW HVAC SYSTEM ON MEZZANINE. GULFSTREAM BEAMS ARE TO BE SIZED BY TRUSS ENGINEER TO CARRY LOAD. GENERAL CONTRACTOR TO COORDINATE THIS WORK WITH HVAC CONTRACTOR.
- 17 CONTRACTOR TO LOWER DOUBLE SINK AREA COUNTERTOP HEIGHT TO 34" A.F.F. PATCH WALLS TO MATCH EXISTING CONDITIONS. APPLY TRIM ENDS TO EXISTING CASEWORK AS REQUIRED FOR A NEAT APPEARANCE FLANKING SINK. REFER TO ADA RECOMMENDATIONS.

EXIST. TRENCH DRAIN TO REMAIN.

CATCH BASIN

EXIST. WINDOW TO REMAIN.

EXIST. WINDOW TO REMAIN.

EXIST. CATCH BASIN AND TRENCH DRAIN TO REMAIN.

CONTRACTOR NOTES

WALLS, DOORS, WINDOWS, CASEWORK, STAIRS AND PLUMBING APPLIANCES NOT SHOWN DASHED ARE EXISTING AND TO REMAIN.
PATCH EXISTING WALLS TO REMAIN DURING DEMOLITION WITH LIKE MATERIALS OR AS MENTIONED IN THE FINISH SCHEDULE.

A
4
DEMOLITION FLOOR PLAN
SCALE: 1/8" = 1'-0"

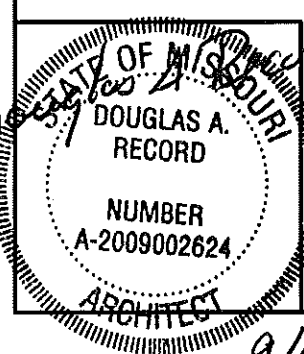


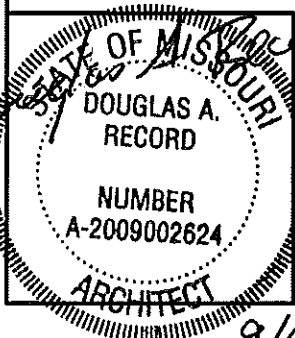
DEMOLITION FLOOR PLAN

MISSOURI DEPARTMENT
OF TRANSPORTATION
DIVISION OF GENERAL SERVICES
FACILITIES MANAGEMENT

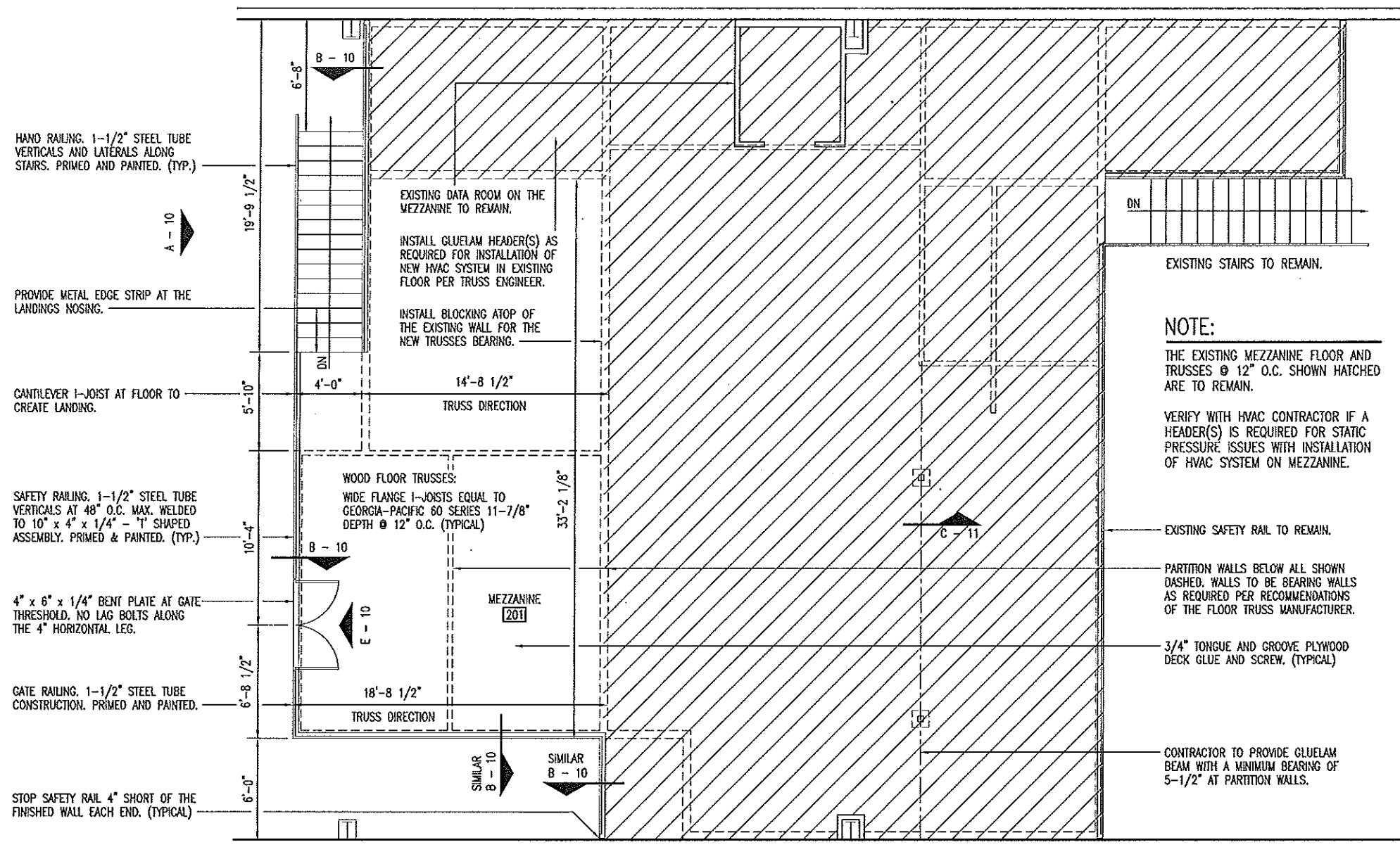
JOPLIN STRIPING BUILDING RENOVATION
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Sheet
4 of 25

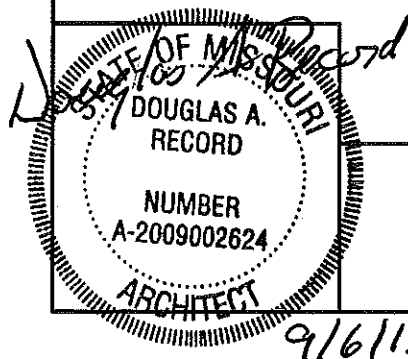
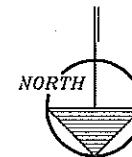




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Sheet
5 of 25



A
6
MEZZANINE PLAN
SCALE: 1/8" = 1'-0"



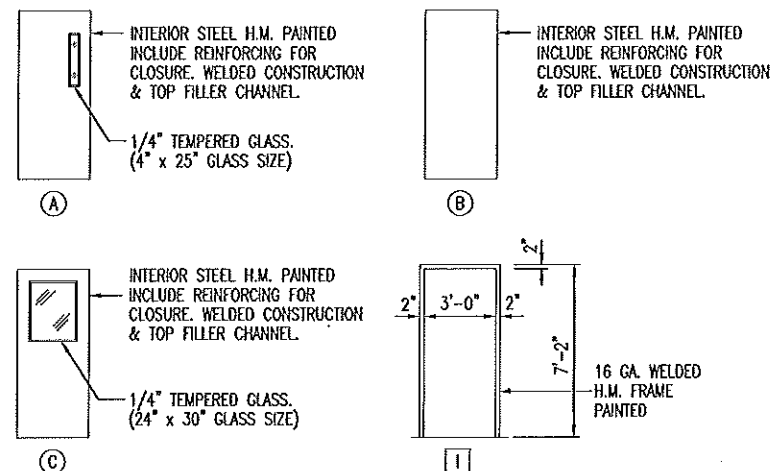
MEZZANINE PLAN

MISSOURI DEPARTMENT
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JOPLIN STRIPING BUILDING RENOVATION
2800 Stephens Boulevard
Southwest District - Jasper County

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DATE: 8-30-13
Sheet
6 OF 25

DOOR SCHEDULE							
NO.	SIZE	SWING	DR. TYPE	FRM. TYPE	DETAIL	DEPTH	HDWR. GRP.
1	EXISTING TO REMAIN.	-	-	-	-	-	-
2	EXISTING TO REMAIN.	-	-	-	-	-	-
3	EXISTING TO REMAIN.	-	-	-	-	-	-
4	EXISTING TO REMAIN.	-	-	-	-	-	-
5	EXISTING TO REMAIN.	-	-	-	-	-	-
6	EXISTING TO REMAIN.	-	-	-	-	-	-
7	EXISTING TO REMAIN.	-	-	-	-	-	-
8	3'-0" x 7'-0" x 1-3/4"	LH	A	I	B-13	7-5/8"	3
9	3'-0" x 7'-0" x 1-3/4"	RH	A	I	B-13	7-5/8"	3
10	EXISTING TO REMAIN.	-	-	-	-	-	-
11	3'-0" x 7'-0" x 1-3/4"	RHR	C	I	A-13	5-3/4"	4
12	EXISTING TO REMAIN.	-	-	-	-	-	-
13	3'-0" x 7'-0" x 1-3/4"	RHR	B	I	E-13	7-5/8"	5
14	EXISTING TO REMAIN.	-	-	-	-	-	-
15	EXISTING TO REMAIN.	-	-	-	-	-	-
16	3'-0" x 7'-0" x 1-3/4"	RHR	A	I	A-13	5-3/4"	2
17	3'-0" x 7'-0" x 1-3/4"	LHR	C	I	D-13	7-3/4"	1
18	3'-0" x 7'-0" x 1-3/4"	RH	A	I	A-13	5-3/4"	2
19	3'-0" x 7'-0" x 1-3/4"	LH	A	I	A-13	5-3/4"	2
20	3'-0" x 7'-0" x 1-3/4"	RHR	C	I	B-13	7-5/8"	1
21	3'-0" x 7'-0" x 1-3/4"	LHR	A	I	B-13	7-5/8"	1
22	EXISTING TO REMAIN.	-	-	-	-	-	-



FINISH SCHEDULE													
NO.	ROOM	FLOOR	BASE				WALLS				CEILING		
			3/4" PLYWOOD	VCT	EXISTING TO REMAIN.	4" VINYL BASE (ROLL)	6" VINYL BASE ON THE PLYWOOD WALLS.	4" VINYL BASE (PATCH)	EXISTING TO REMAIN.	1/2" AC PLYWOOD ON OPEN BAY SIDE.	5/8" TYPE 'X' GYPSUM BOARD OR PATCH.	LATEX PAINT	1/2" FIBERGLASS WALL PANEL PATCH.
101	FOYER												
102	MAINTENANCE												
103	MAINTENANCE												
104	OFFICE												
105	SUPERVISOR												
106	BREAK ROOM												
107	HALLWAY												
108	RR												
109	ADA RR												
110	TOOLS												
111	LOCKERS												
112	CREW OFFICES												
113	LOCKERS												
201	MEZZANINE												
202	DATA ROOM												

* FINISHED CEILINGS AT 8'-0" A.F.F. (TYPICAL)

HVAC SCHEDULE						
SYM.	UNIT	MANUFACTURER	BTU OUTPUT	FUEL	VOLTAGE	REMARKS
A	GAS FURNACE/ FORCED AIR	TRANE MODEL THU18060A9H31B 95%+ AFUE OR EQUAL	57,000	NATURAL GAS & ELECTRIC	120	CASED COIL -- TXCB031BC3HC CONCENTRIC VENT KIT -- BAYAIR30AVENTA DYNAMIC AIR CLEANER -- 1P1725C24 BYPASS HUMIDIFIER -- GENERAL AIRE #1042-LH
B	CONDENSING UNIT	TRANE MODEL 4TIB3030G1000 OR EQUAL	30,000	ELECTRIC	208/230	2.5-TON, PURON 208/230V 1-PHASE. 13 SEER AIR CONDITIONER.
C	THERMOSTAT	TRANE OR EQUAL	--	--	--	7 DAY PROGRAMMABLE, 1 HEAT/1 COOL TCONT800AS11AA
D	MANUALLY OPERATED DAMPER IN RETURN DUCT	--	--	--	--	2 - POSITION 5" # (VERIFY SIZE) DUCT FOR EXTERNAL VENTILATION AIR. 125 CFM. PROVIDE ALUMINUM LOUVER WITH BUG SCREEN AS REQUIRED.

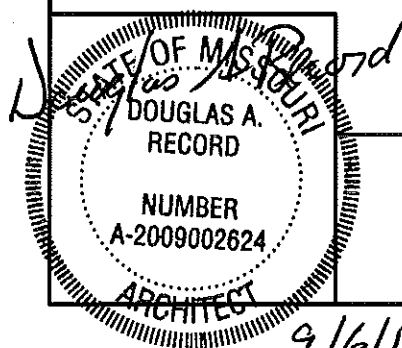
GENERAL NOTES:

AT ALL INTERIOR WALL PARTITIONS THE GYPSUM BOARD MUST STOP JUST ABOVE THE TOP OF THE ACOUSTICAL CEILING GRID VERTICAL. KEEP THE PLENUM SPACE OPEN FOR RETURN AIR FOR THE HVAC.

PROVIDE SOUND BATT INSULATION TYPICAL AT ALL NEW INTERIOR STUD WALLS. SEE SPECIFICATION SECTION 07210.

PROVIDE BLOCKING BEHIND ALL ITEMS INCLUDING BUT NOT LIMITED TO PANELS MECHANICAL, ELECTRICAL AND PLUMBING LINES, BOXES AND FIXTURES.

PLUMBING FIXTURE SCHEDULE						
SYM.	FIXTURE	PIPE CONNECTION				REMARKS
		CW	HW	S&W	VENT	
WC	WATER COOLER	3/8"		1-1/4"		ELKAY, TWO STATION WALL MOUNT BARRIER-FREE WALL MOUNT MODEL VRCGRN1L8C OR EQUAL.
CO	CLEAN OUT					BRASS WITH ADAPTER AND CAP EQUAL TO PIPE SIZE SHOWN.
SS	SERVICE SINK	1/2"	1/2"	3"	2"	RELOCATE EXISTING.

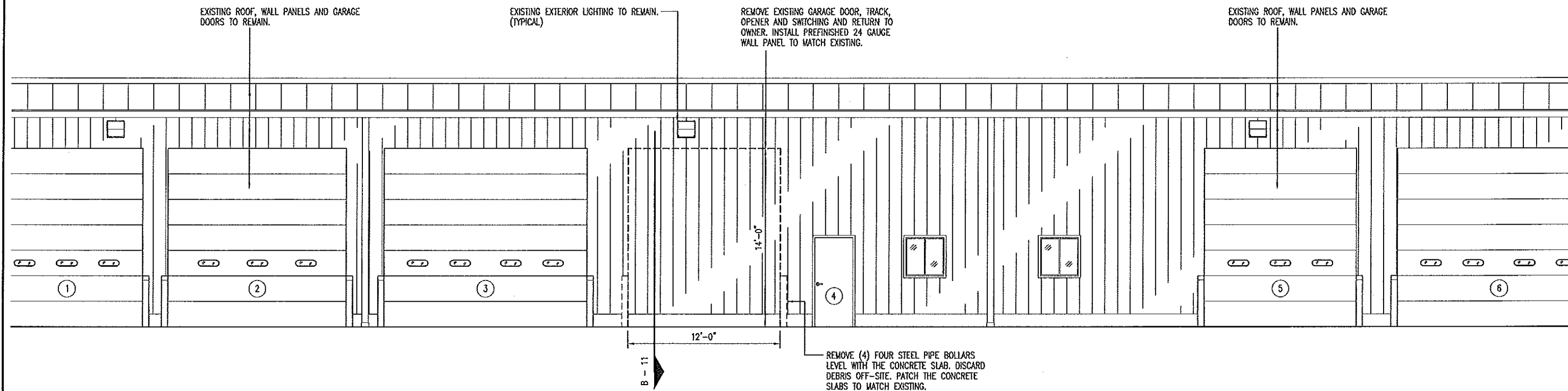


SCHEDULES

MISSOURI DEPARTMENT
OF TRANSPORTATION
DIVISION OF GENERAL SERVICES
FACILITIES MANAGEMENT

JOPLIN STRIPING BUILDING RENOVATION
2800 Stephens Boulevard
Southwest District -- Jasper County

DESIGN BY: LARRY CARMER
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DATE: 9-6-13
Sheet
7 of 25



PARTIAL
A
8
NORTH ELEVATION
SCALE: 1/8" = 1'-0"

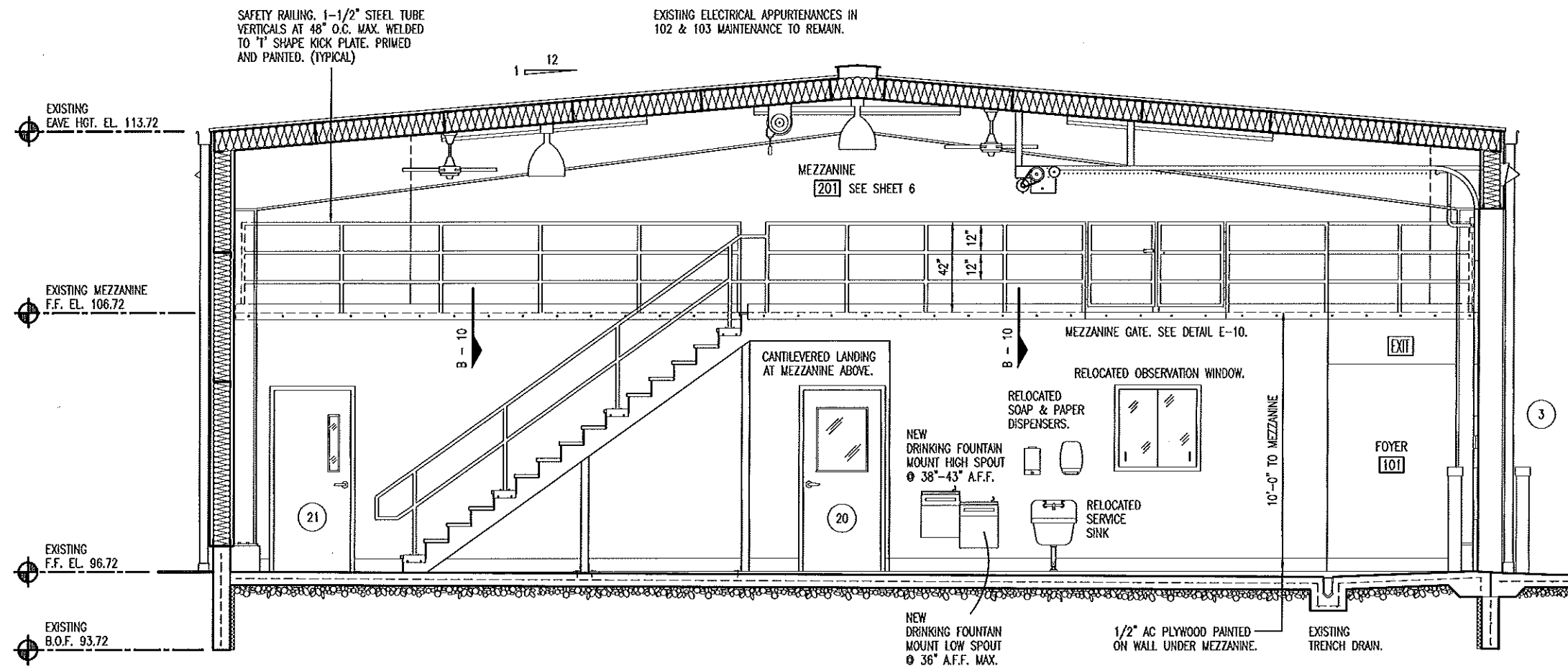
RECORDED
DOUGLAS A.
RECORD
NUMBER
A-2009002624
ARCHITECT
9/6/13

PARTIAL NORTH ELEVATION

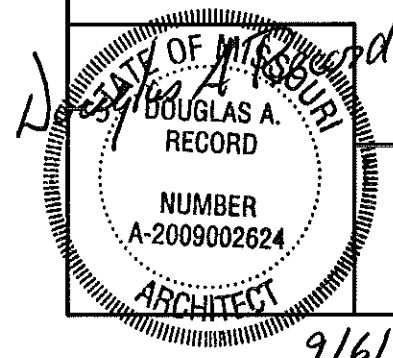
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JOPLIN STRIPING BUILDING RENOVATION
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Sheet
8 of 25



A
9 BUILDING SECTION
SCALE: 3/16" = 1'-0"

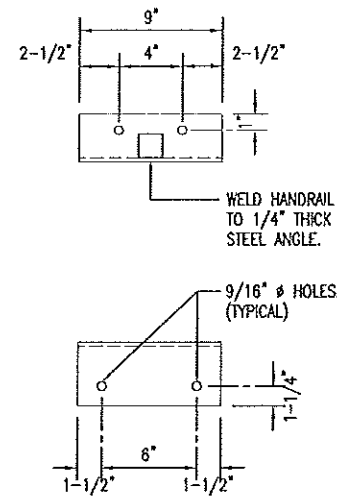


BUILDING SECTION

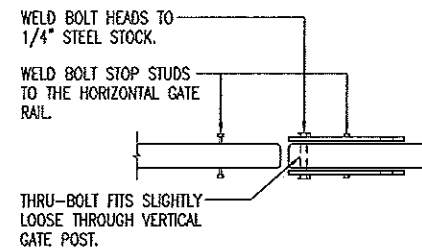
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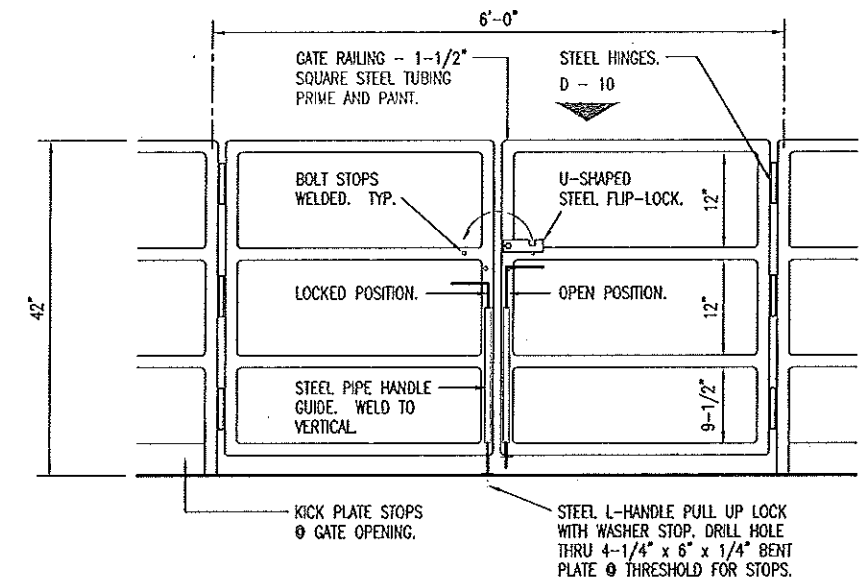
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Sheet
9 of 25



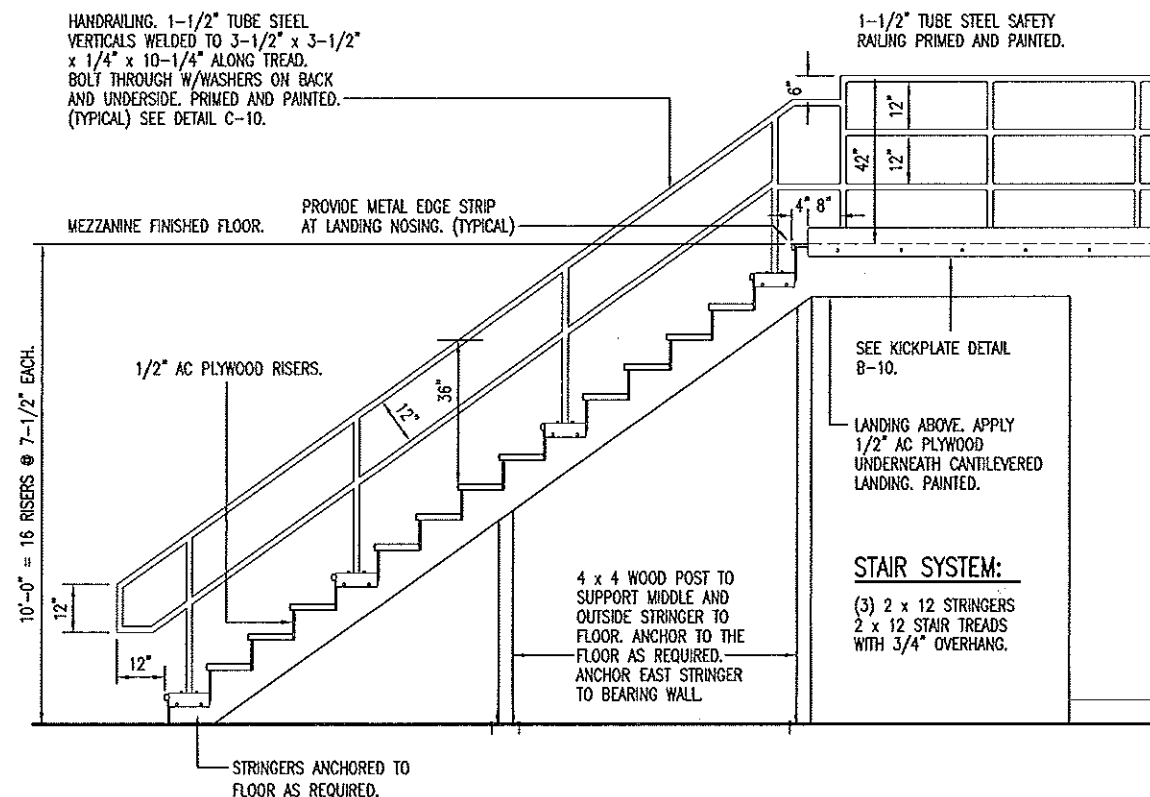
C
10
PRIMED AND PAINTED.
STAIR RAIL CONNECTION
SCALE: 1" = 1'-0"



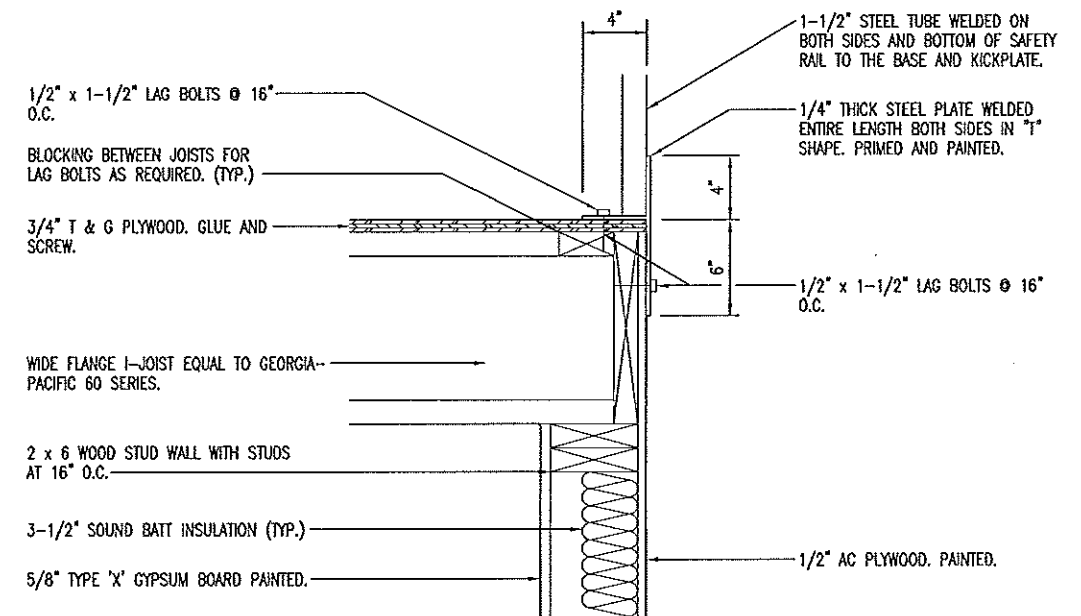
D
10
FLIP LOCK
SCALE: 1" = 1'-0"



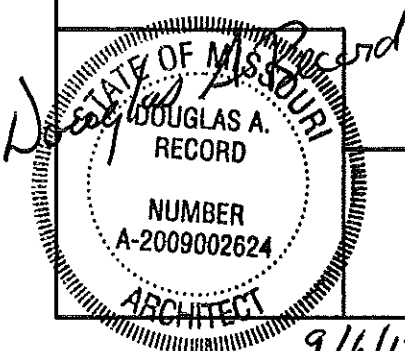
E
10
VIEW FROM MEZZANINE
SWING GATE DETAIL
SCALE: 1" = 1'-0"



A
10
MEZZANINE STAIR SYSTEM
SCALE: 1/4" = 1'-0"



B
10
SECTION @ KICKPLATE
SCALE: 1" = 1'-0"

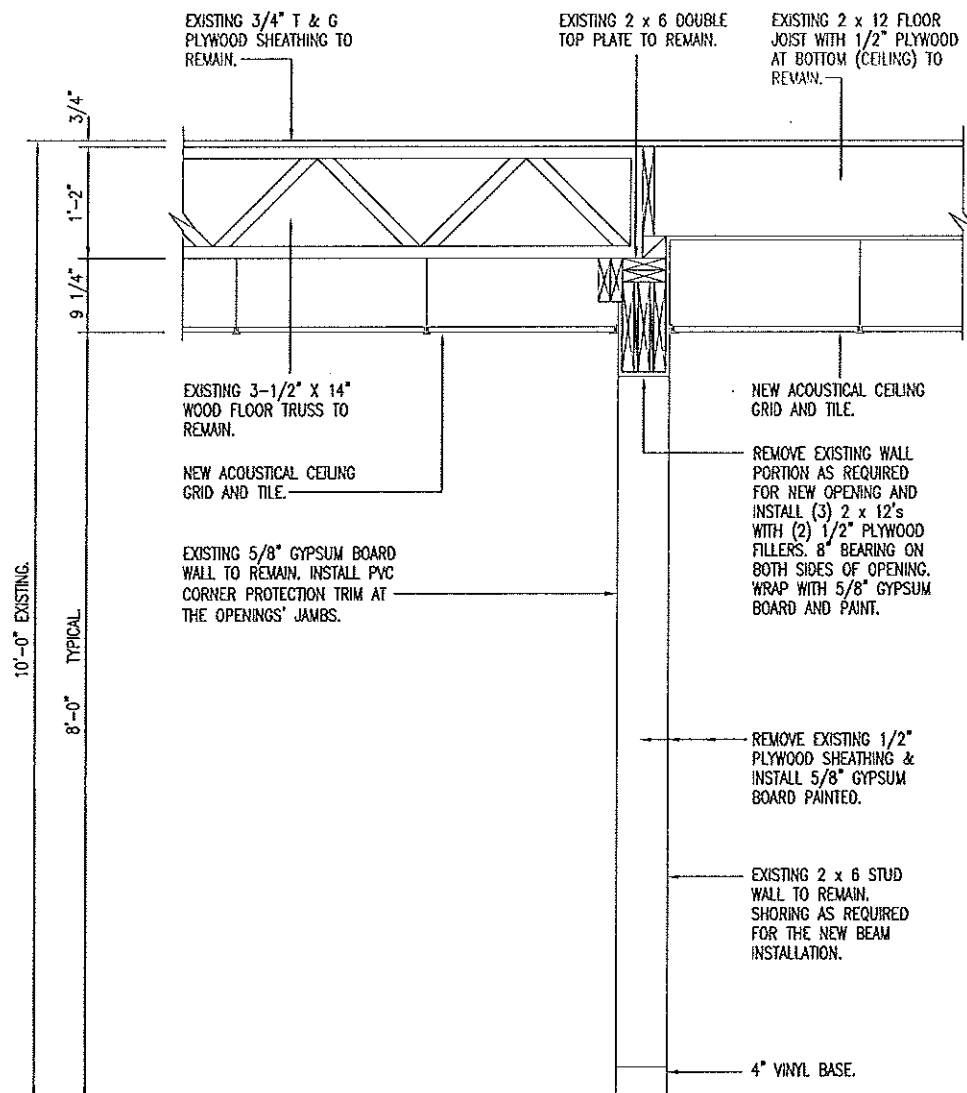


STAIR DETAILS

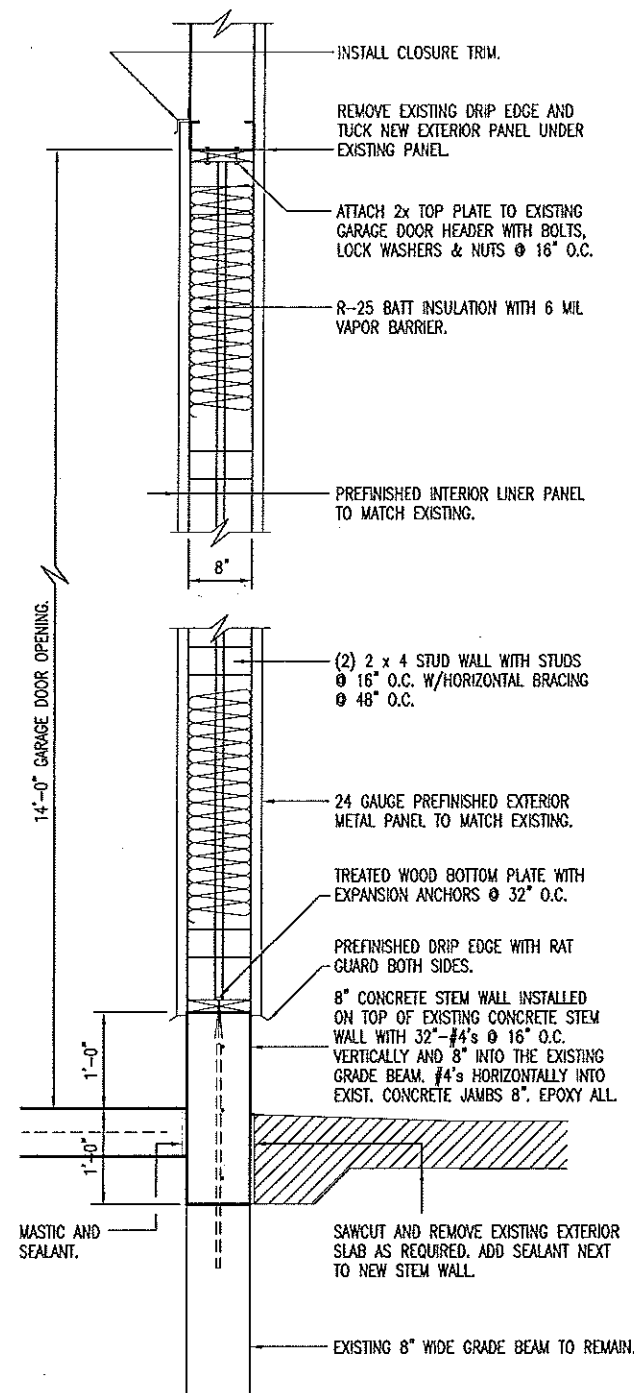
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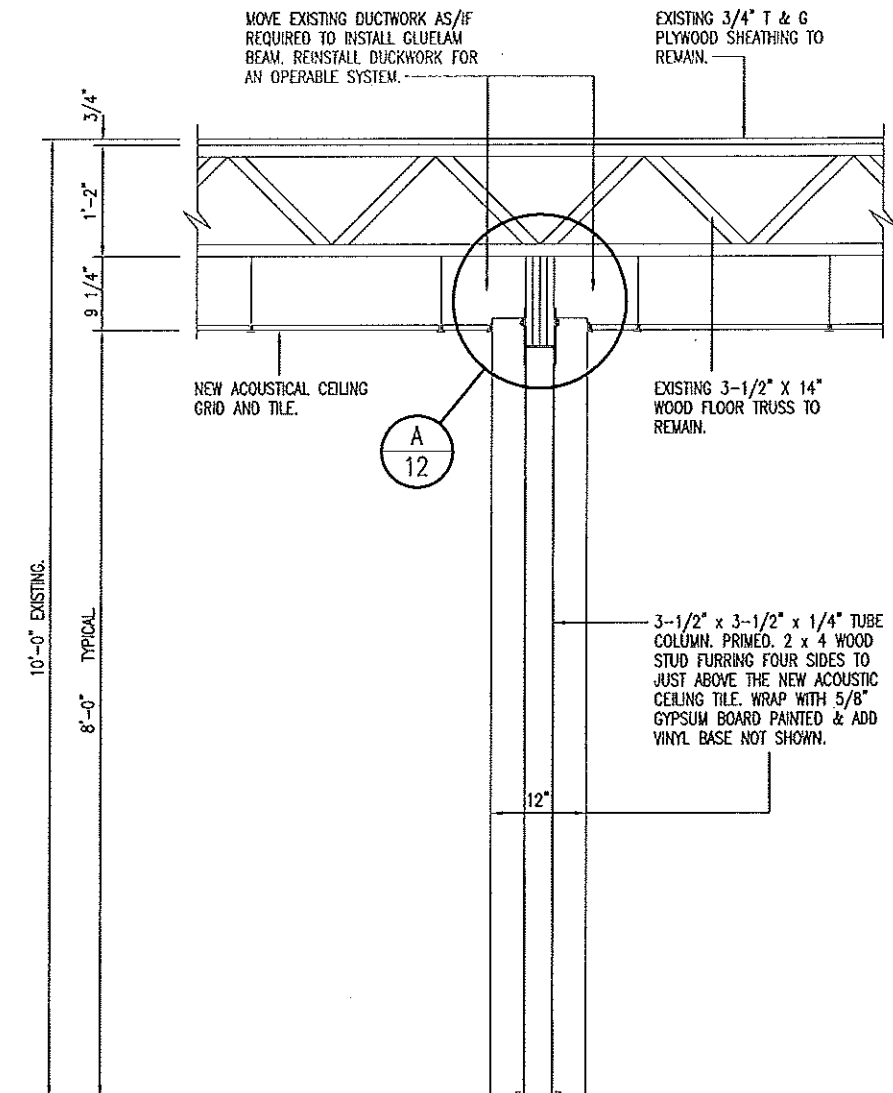
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DATE: 8-30-13
Sheet
10 of 25



A
11
111 AND 113 LOCKERS
WALL SECTION
SCALE: 1/2" = 1'-0"



B
11
101 FOYER
WALL SECTION
SCALE: 1/2" = 1'-0"



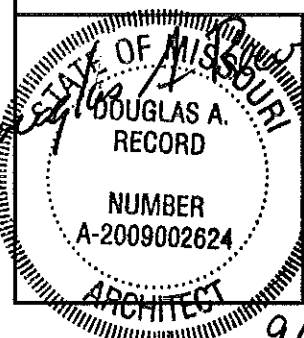
C
11
106 BREAK ROOM (2 COLUMN LOCATIONS)
WALL SECTION
SCALE: 1/2" = 1'-0"

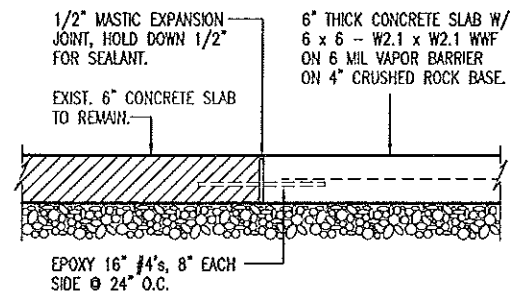
WALL SECTIONS

MISSOURI DEPARTMENT
OF TRANSPORTATION
DIVISION OF GENERAL SERVICES
FACILITIES MANAGEMENT

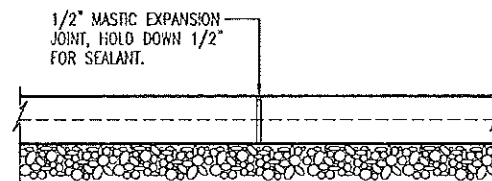
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11 of 25

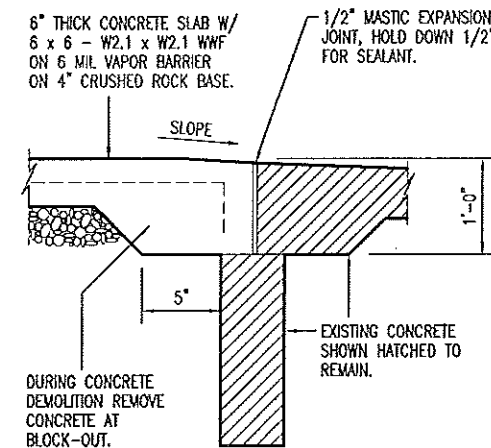




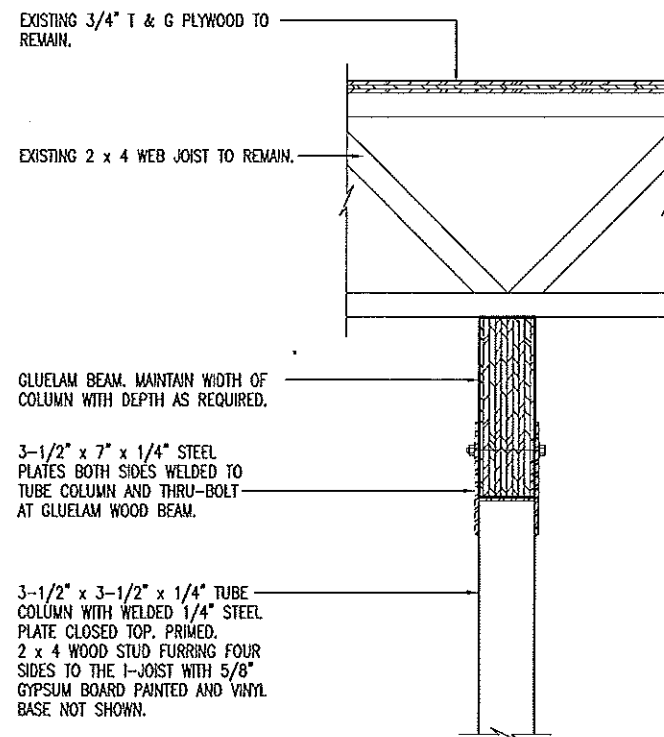
E
12
NEW CONCRETE SLAB @ OLD CONCRETE SLAB
EXPANSION JOINT
SCALE: 1/2" = 1'-0"



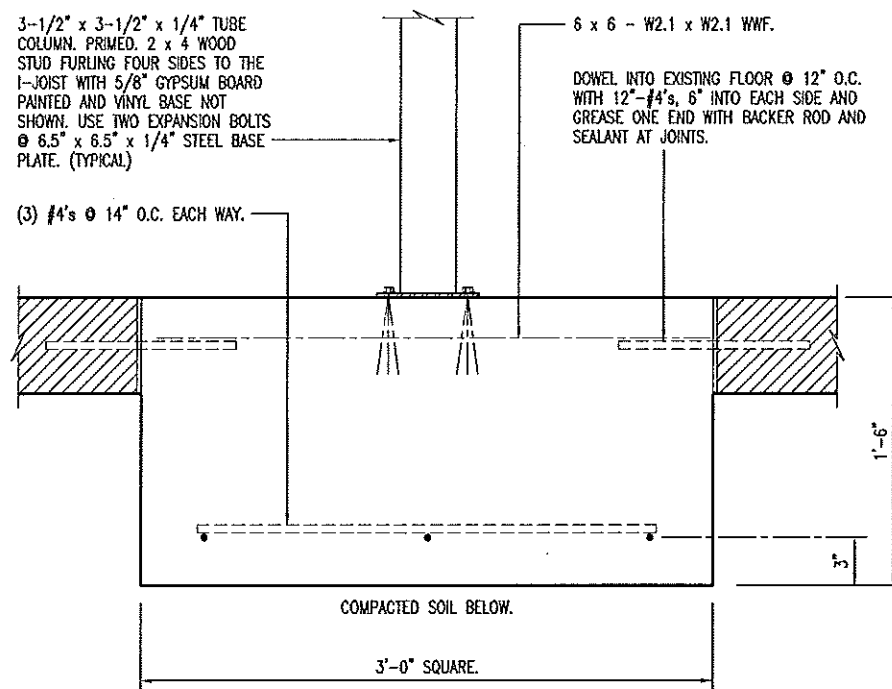
F
12
(TYPICAL) EXPANSION JOINT
SCALE: 1/2" = 1'-0"



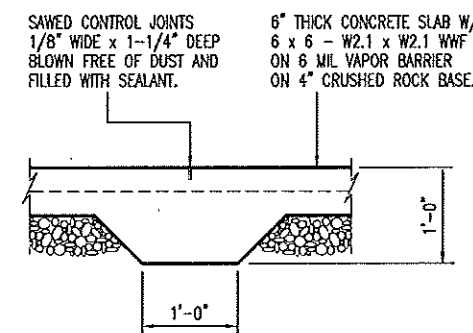
G
12
DETAIL @ EXISTING BLOCK-OUT
SCALE: 1/2" = 1'-0"



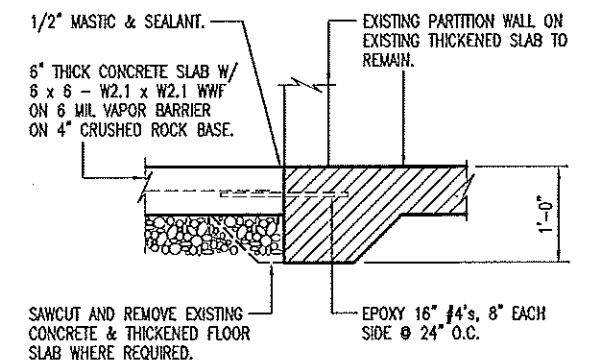
A
12
BEAM & COLUMN DETAIL
SCALE: 1" = 1'-0"



B
12
CONCRETE FOOTING AND MEZZANINE COLUMN DETAIL
SCALE: 1" = 1'-0"



C
12
THICKENED SLAB
SCALE: 1/2" = 1'-0"



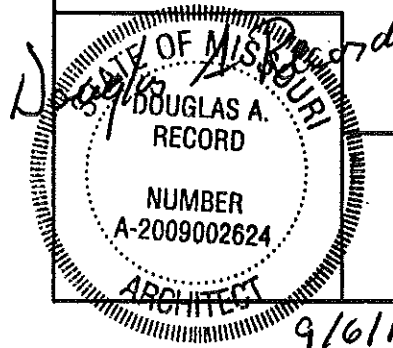
D
12
NEW CONCRETE SLAB @ EXISTING THICKENED SLAB
SCALE: 1/2" = 1'-0"

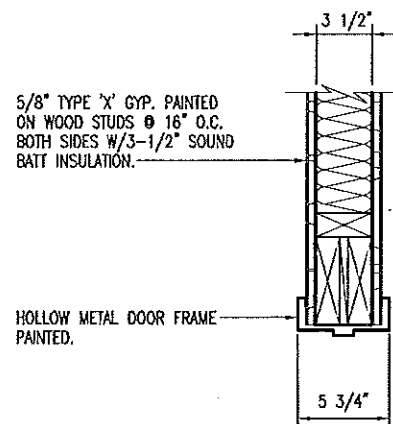
DETAILS

MISSOURI DEPARTMENT
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DIVISION OF GENERAL SERVICES
FACILITIES MANAGEMENT

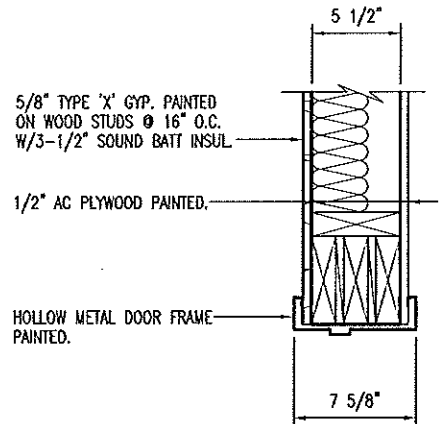
JOPLIN STRIPING BUILDING RENOVATION
2800 Stephens Boulevard
Southwest District - Jasper County

DESIGN BY: LARRY CARYER
DRAWN BY: LARRY CARYER
DATE: 8-30-13
Sheet
12 of 25

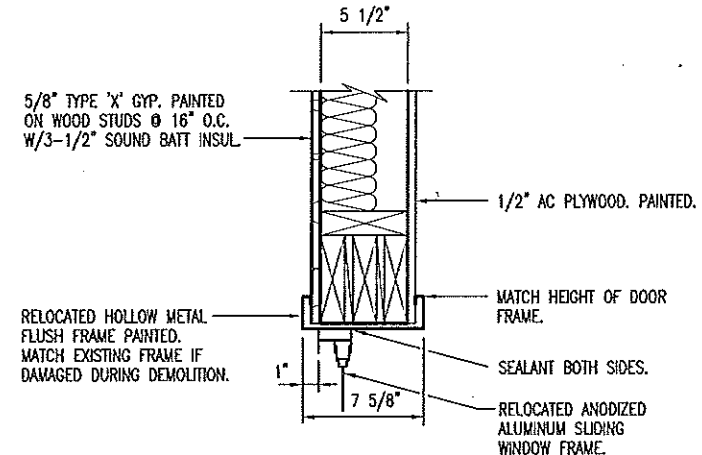




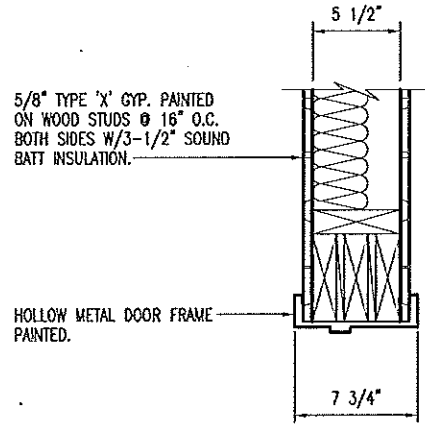
A
13
JAMB SIMILAR
DOOR HEAD
SCALE: 1" = 1'-0"



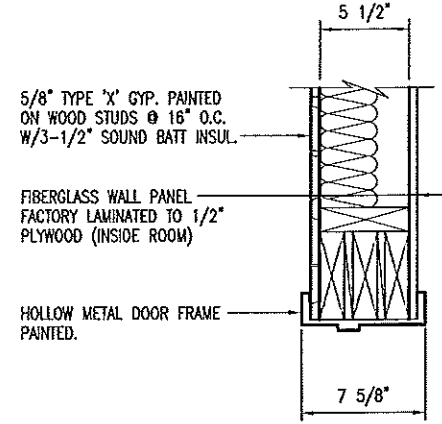
B
13
JAMB SIMILAR
DOOR HEAD
SCALE: 1" = 1'-0"



C
13
JAMB SIMILAR
WINDOW HEAD
SCALE: 1" = 1'-0"



D
13
JAMB SIMILAR
DOOR HEAD
SCALE: 1" = 1'-0"



E
13
JAMB SIMILAR
DOOR HEAD
SCALE: 1" = 1'-0"

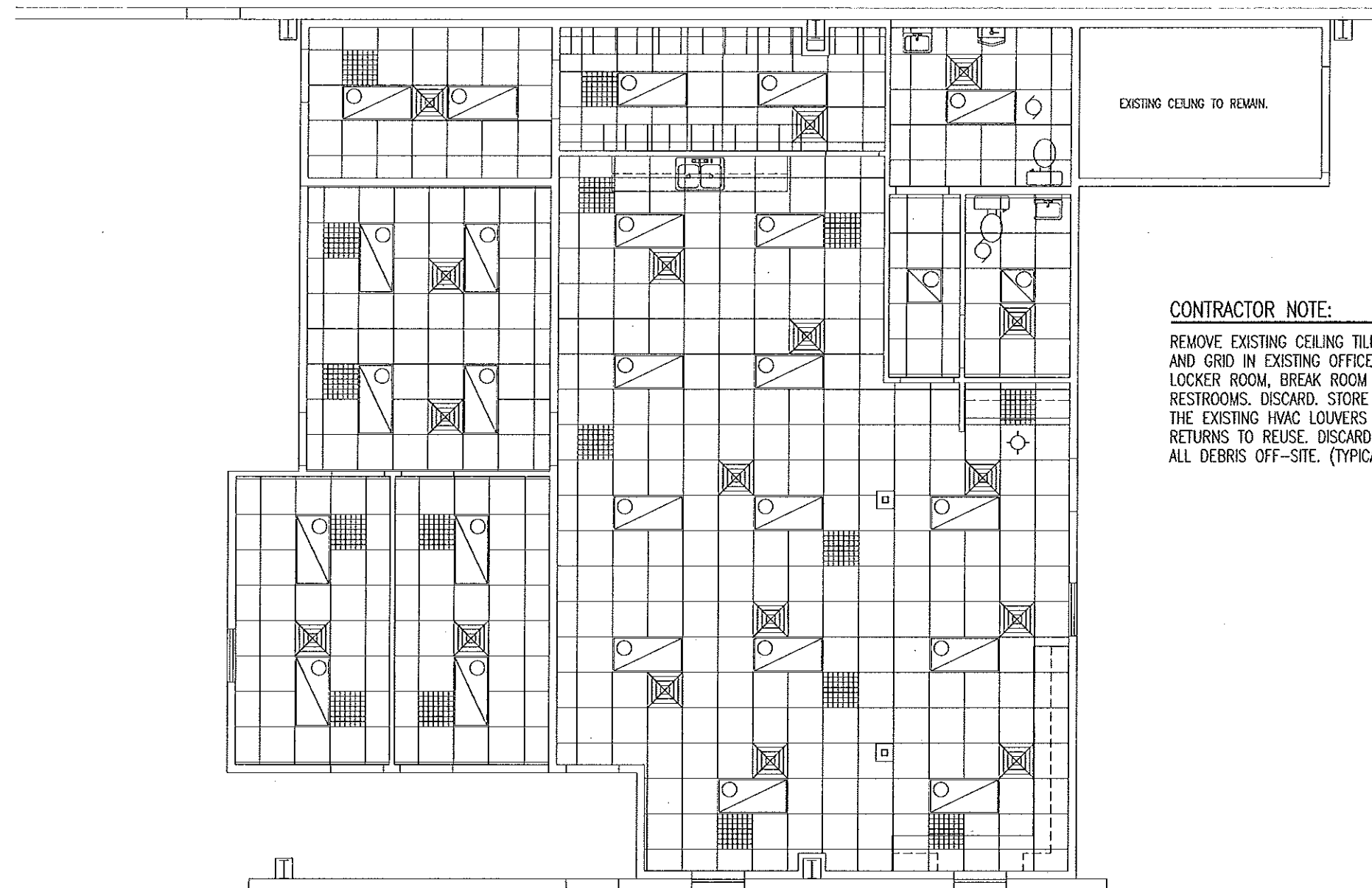
Record
MISSOURI
DOUGLAS A.
RECORD
NUMBER
A-2009002624
ARCHITECT
9/6/13

JAMB DETAILS

MISSOURI DEPARTMENT
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DATE: 8-30-13
Sheet
13 of 25



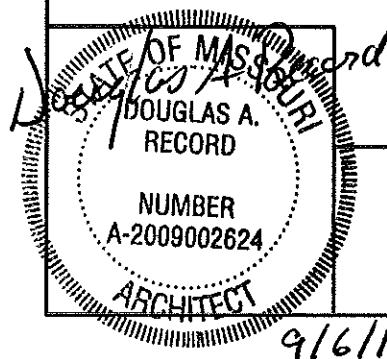
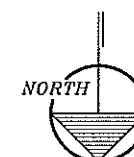
CONTRACTOR NOTE:

REMOVE EXISTING CEILING TILE AND GRID IN EXISTING OFFICES, LOCKER ROOM, BREAK ROOM & RESTROOMS. DISCARD. STORE THE EXISTING HVAC LOUVERS & RETURNS TO REUSE. DISCARD ALL DEBRIS OFF-SITE. (TYPICAL)

A
14

REFLECTED CEILING PLAN

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

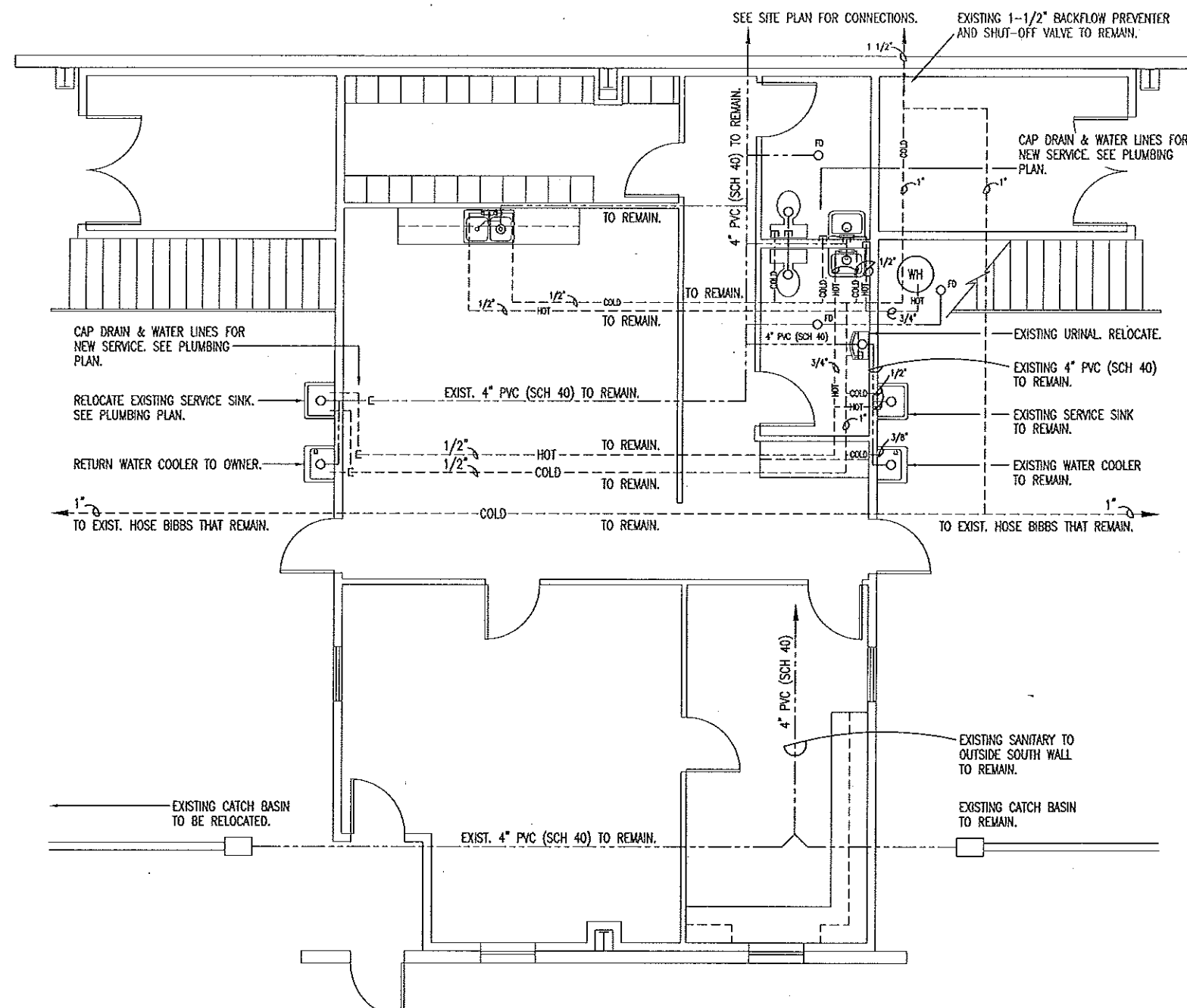


REFLECTED CEILING PLAN

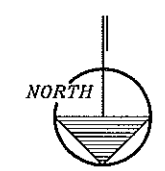
MISSOURI DEPARTMENT
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DATE: 8-30-13
Sheet
14 of 25



A
 15
 DEMOLITION
 PLUMBING PLAN
 SCALE: 1/8" = 1'-0"



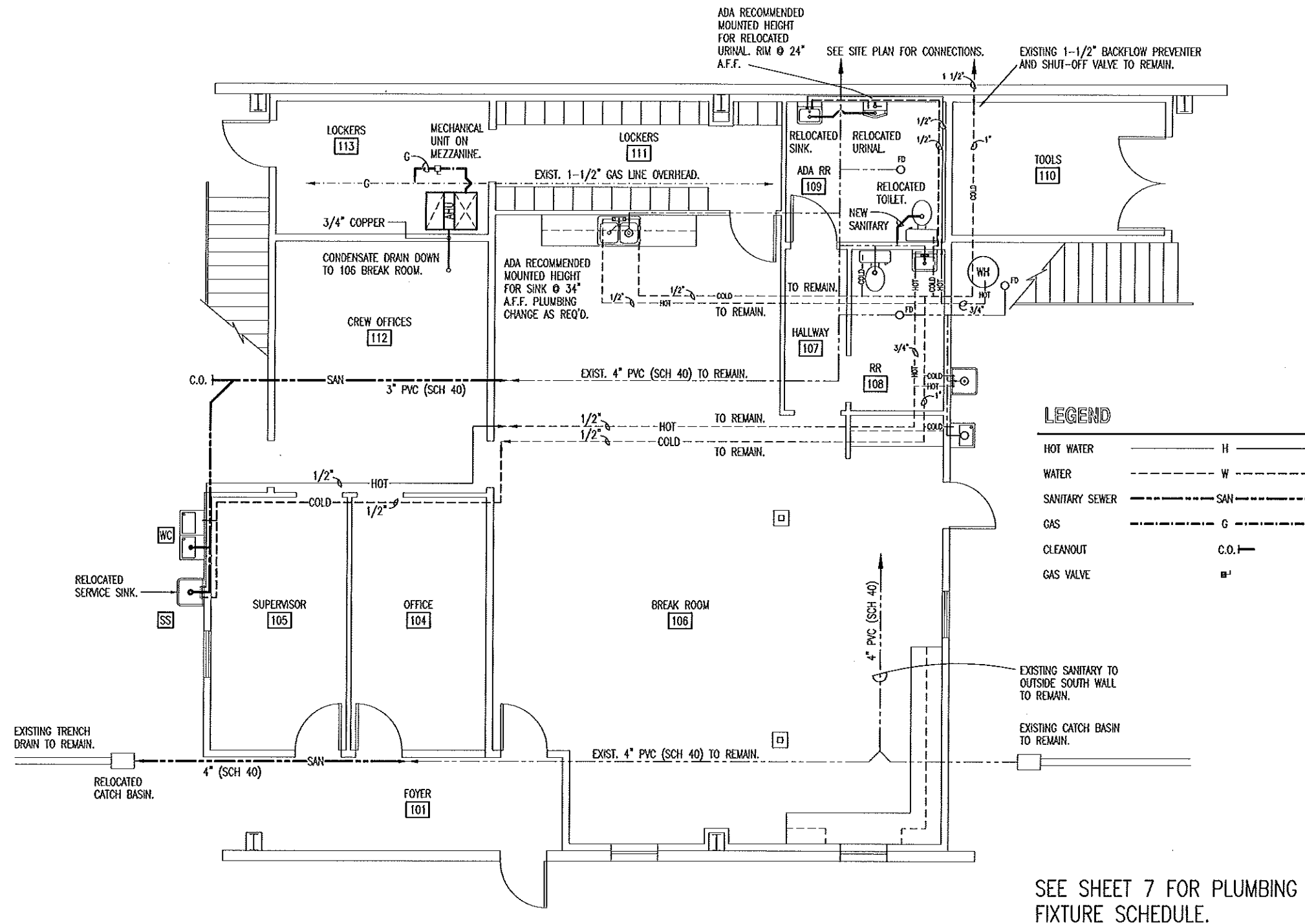
State of Missouri
 Douglas A. Record
 NUMBER
 A-2009002624
 ARCHITECT
 9/6/13

DEMOLITION PLUMBING PLAN

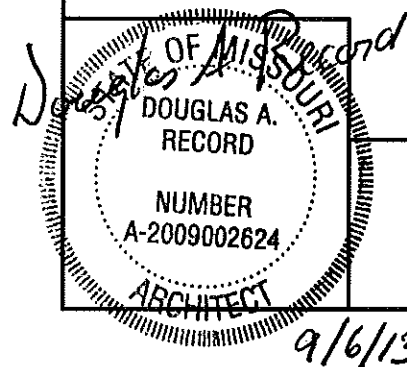
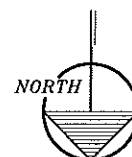
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JOPLIN STRIPING BUILDING RENOVATION
 2800 Stephens Boulevard
 Southwest District - Jasper County

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 DRAWN BY: LARRY CARMER
 DATE: 8-30-13
 Sheet
 15 of 25



A PLUMBING PLAN
16 SCALE: 1/8" = 1'-0"



PLUMBING PLAN

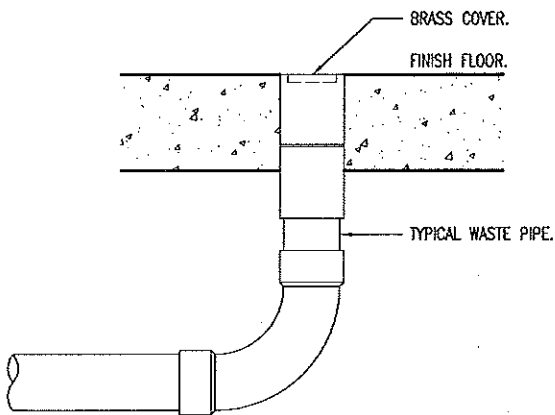
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JOPLIN STRIPING BUILDING RENOVATION
2800 Stephens Boulevard
Southwest District - Jasper County

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DATE: 9-6-13
Sheet
16 of 25

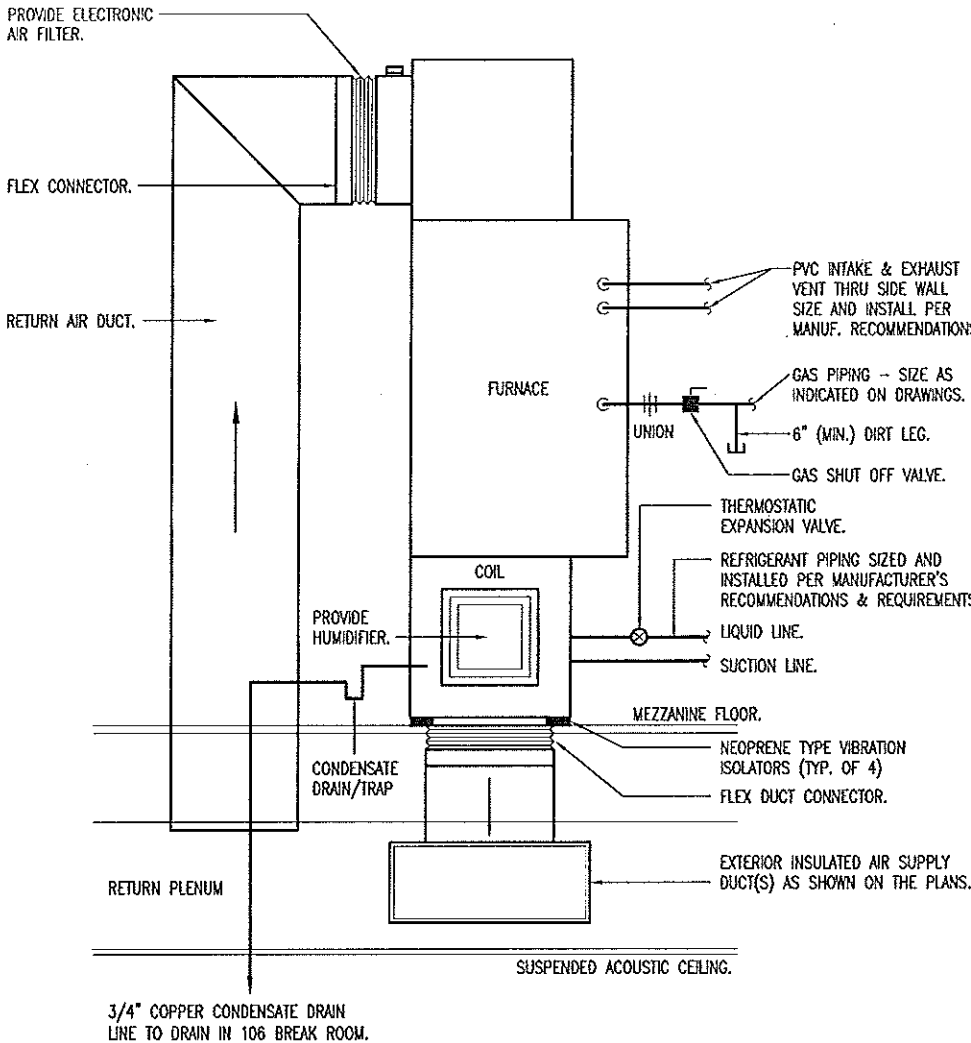
PLUMBING NOTES

- 1. DRAWINGS AND DIAGRAMS ARE DIAGRAMMATIC AND SHALL NOT BE SCALED. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS.
- 2. PLUMBING SHALL BE INSTALLED IN STRICT COMPLIANCE WITH THE LATEST EDITION OF THE INTERNATIONAL PLUMBING CODE.
- 3. PLUMBING SHALL BE LOCATED AND PLACED UNDER THE SLAB PRIOR TO POURING OF CONCRETE. PIPING SHALL BE RUN IN SAND FILLED TRENCH UNDER THE BASE ROCK AND SLEEVED WITH PVC WHENEVER RUN THROUGH CONCRETE.
- 4. PROVIDE PLUMBING EQUIPMENT AND ACCESSORIES REQUIRED FOR COMPLETE AND OPERATIONAL PLUMBING SYSTEMS AS REQUIRED BY MANUFACTURER'S INSTRUCTIONS AND DIRECTIONS FOR SYSTEMS SPECIFIED.
- 5. PLUMBING VENTS ARE NOT SHOWN ON THE PLANS. ALL FIXTURES SHALL BE PROPERLY VENTED AS PER IRC PLUMBING CODE.
- 6. ROOF VENTS SHALL BE COMBINED WHEREVER IN COMPLIANCE WITH THE NATIONAL PLUMBING CODE TO MINIMIZE ROOF PENETRATIONS.
- 7. PROVIDE SHUT OFF VALVES AT EACH FIXTURE.
- 8. PROVIDE SHOCK ABSORBERS AS REQUIRED AT EACH FAUCET.
- 9. SEE MECHANICAL PLAN FOR GAS PIPING AND MECHANICAL REQUIREMENTS.
- 10. CONTRACTOR TO PROVIDE CAST IRON VENT PIPING IN PLENUM AS REQUIRED BY CODE. SECURE AS REQUIRED.



FLOOR CLEANOUT DETAIL

SCALE: NONE



GAS FURNACE INSTALLATION

NOT TO SCALE

MECHANICAL NOTES

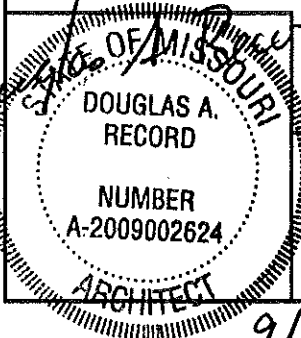
- 1. SUPPLY AND INSTALL EQUIPMENT & MATERIALS IN ACCORDANCE WITH THE LATEST NATIONAL ELECTRIC AND PLUMBING CODES.
- 2. INSTALL ALL NECESSARY EQUIPMENT AND APPURTENANCES TO FACILITATE A COMPLETE FUNCTIONING SYSTEM IN ACCORDANCE WITH ALL MECHANICAL AND ELECTRICAL CODES ACCORDING TO THE PLANS AND SPECIFICATIONS.
- 3. MECHANICAL SUBCONTRACTOR SHALL FULLY COORDINATE ALL WORK WITH PLUMBING AND ELECTRICAL WORKERS PRIOR TO BEGINNING OF THE MECHANICAL INSTALLATION.
- 4. DRAWINGS AND DIAGRAMS ARE DIAGRAMMATIC AND SHALL NOT BE SCALED. REFER TO ARCHITECTURAL DRAWINGS FOR THE DIMENSIONS.
- 5. PROVIDE BLOCKING TO HVAC DEVICES AS REQUIRED FOR SECURE APPLICATION.
- 6. PROVIDE CONDENSATION PVC DRAIN LINE AS REQUIRED FOR THE FORCED AIR GAS FURNACE ON TOP OF 201 MEZZANINE TO 106 BREAK ROOM.
- 7. 6" CONCRETE PAD FOR THE CONDENSATION UNIT BY THE GENERAL CONTRACTOR. FOOTPRINT SIZE AS REQUIRED.
- 8. ALL EQUIPMENT AND MATERIALS, IN PARTICULAR VALVES, FILTERS, MOTORS AND CONTROLS SHALL BE ARRANGED TO PROVIDE PROPER CLEARANCE FOR SERVICE, MAINTENANCE AND INSPECTION.
- 9. SEE REFLECTED CEILING PLAN FOR EXACT DIFFUSER LOCATIONS.
- 10. CONTRACTOR TO REMOVE THE EXISTING SUPPLY & RETURN DIFFUSERS & REUSE IN EXISTING OFFICE AREAS FOR THE NEW HVAC REFLECTED CEILING LAYOUT. REUSE EXISTING DUCTWORK TO THESE SUPPLY & RETURN DIFFUSERS IF APPLICABLE OTHERWISE SUPPLY NEW INSULATED DUCTWORK TO SUPPLY & RETURN AS SHOWN TO THE EXISTING HVAC SYSTEM.
- 11. ROOMS 104, 105, 112 AND 113 HAS A NEW SEPARATE HVAC SYSTEM THAT INCLUDES INSULATED DUCTWORK, DIFFUSERS AND THERMOSTAT.
- 12. CONTRACTOR TO RELOCATE REMOVE/RELOCATE EXISTING DUCTWORK IF CONDITIONS ARE REQUIRED FOR THE INSTALLATION OF THE LAMINATE BEAM IN 106 BREAK ROOM.

A

17

PLUMBING & MECHANICAL NOTES

SCALE: NONE



Plumbing & Mechanical Notes

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JOPLIN STRIPING BUILDING RENOVATION
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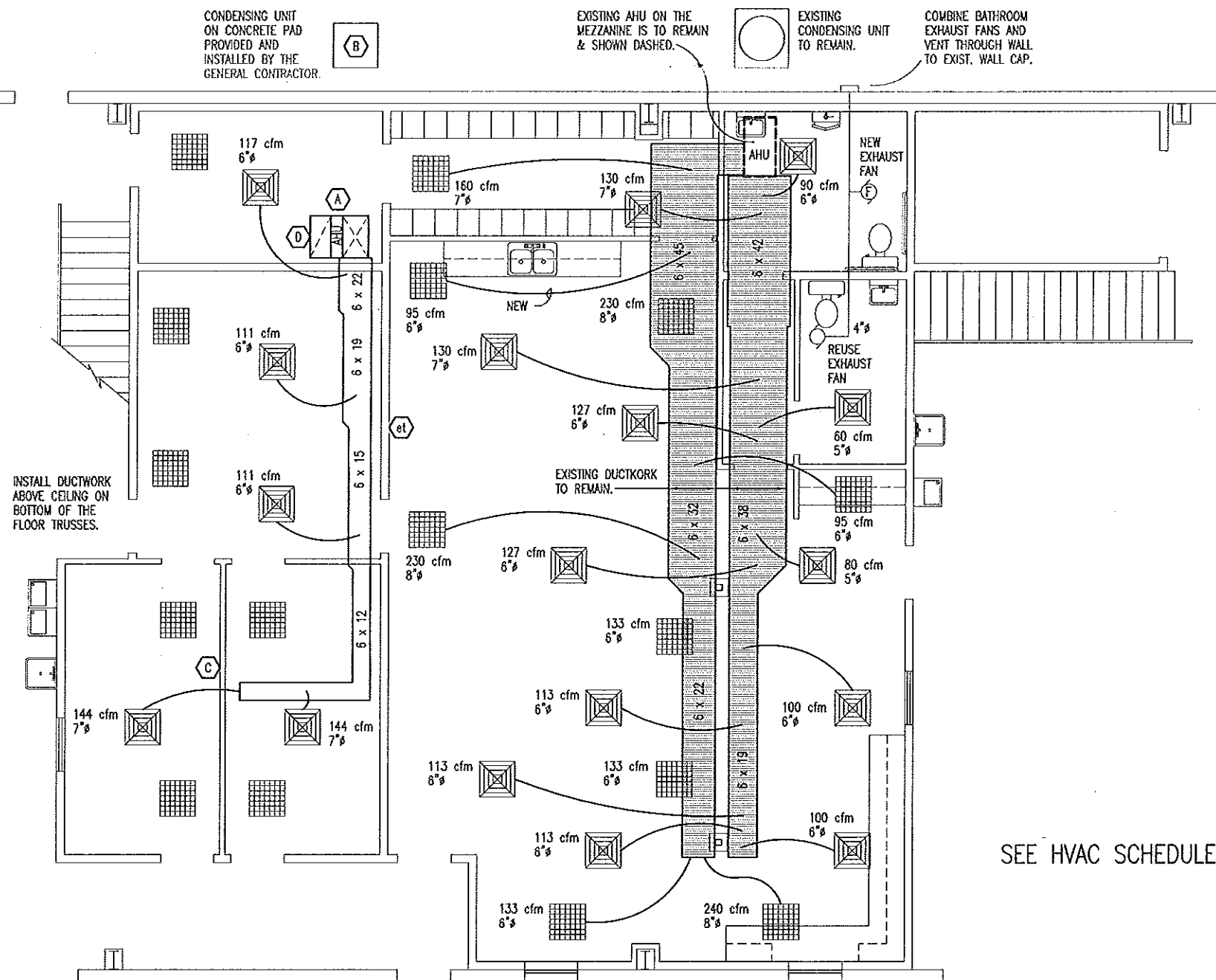
DESIGN BY: LARRY CARVER
DRAWN BY: LARRY CARVER
DATE: 8-30-13
Sheet
17 of 25

LEGEND EXISTING TO REMAIN.

- SD - SUPPLY DIFFUSER.
75 - CFM.
- EXIST. THERMOSTAT - MOUNTED @ 46" A.F.F.
RELOCATE TO WHERE SHOWN.
- ROUND - DIMENSION SHOWN IS ID (SUPPLY
NEW DUCT IF EXISTING CAN'T BE REUSED.)
- 24" x 24"
SUPPLY GRILL
REUSED.
- 24" x 24"
RETURN GRILL
REUSED.

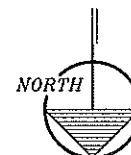
LEGEND NEW SYSTEM.

- SD - SUPPLY DIFFUSER.
75 - CFM.
- THERMOSTAT - MOUNT @ 46" A.F.F.
- ROUND - DIMENSION SHOWN IS ID
- 24" x 24"
SUPPLY GRILL
HART & COOLEY
OR EQUAL.
- 24" x 24"
RETURN GRILL
HART & COOLEY
OR EQUAL.



SEE HVAC SCHEDULE SHEET 7.

A
18
MECHANICAL PLAN
SCALE: 1/8" = 1'-0"

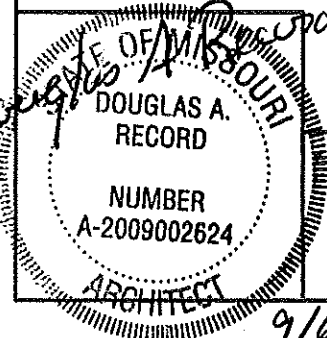


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DATE: 8-30-13
Sheet
18 of 25

MECHANICAL PLAN



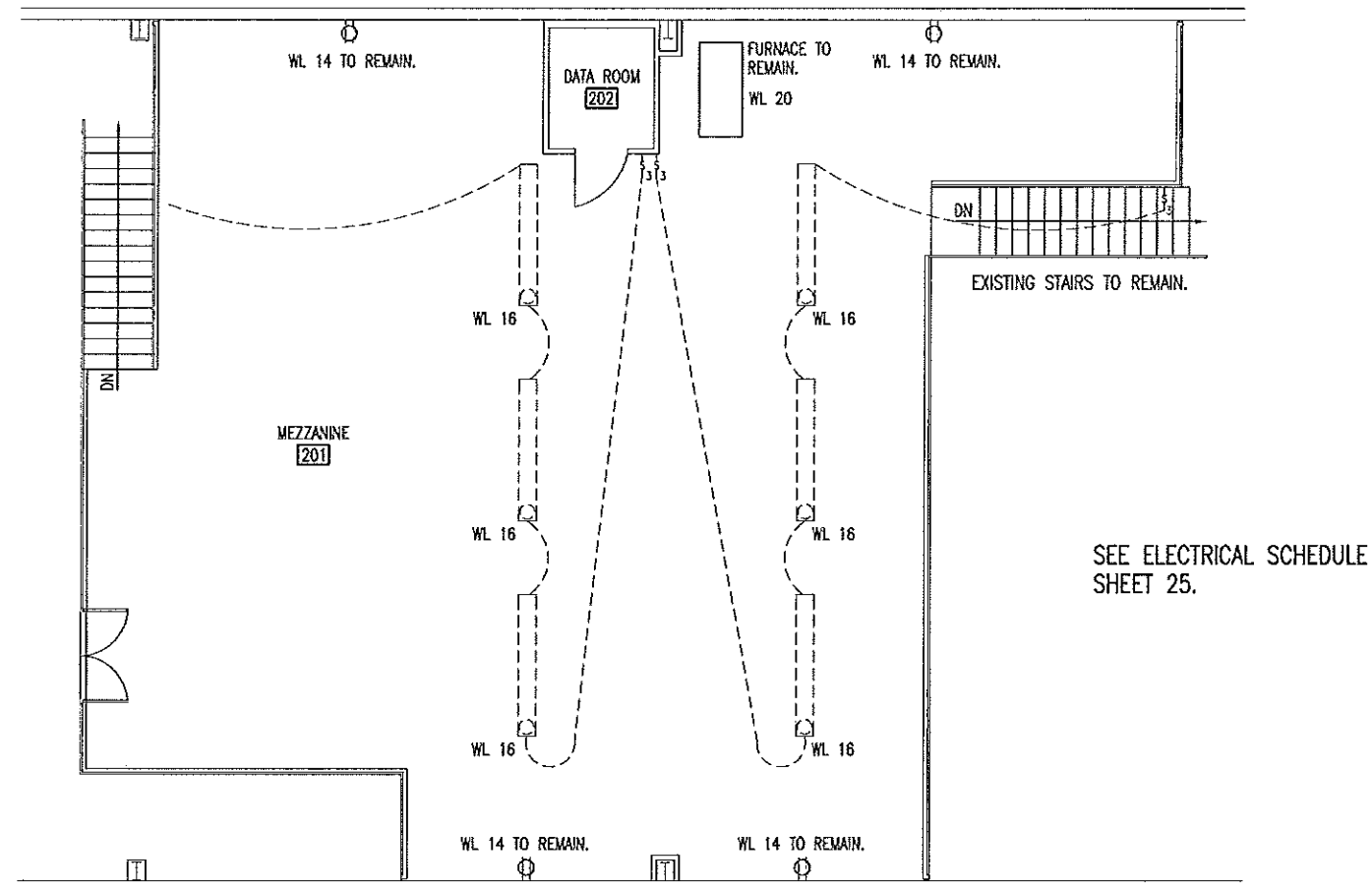
9/6/13

REMOVED LEGEND

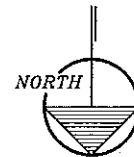
CONDUITS AND CONDUCTORS TO BE
REMOVED BACK TO PANEL BOARD.
DISCARD OFF-SITE.

EXISTING SWITCH TO BE REMOVED.

EXISTING LIGHTING TO BE REMOVED.
DISCARD OFF-SITE.



A
20
DEMOLITION
MEZZANINE PLAN
SCALE: 3/32" = 1'-0"

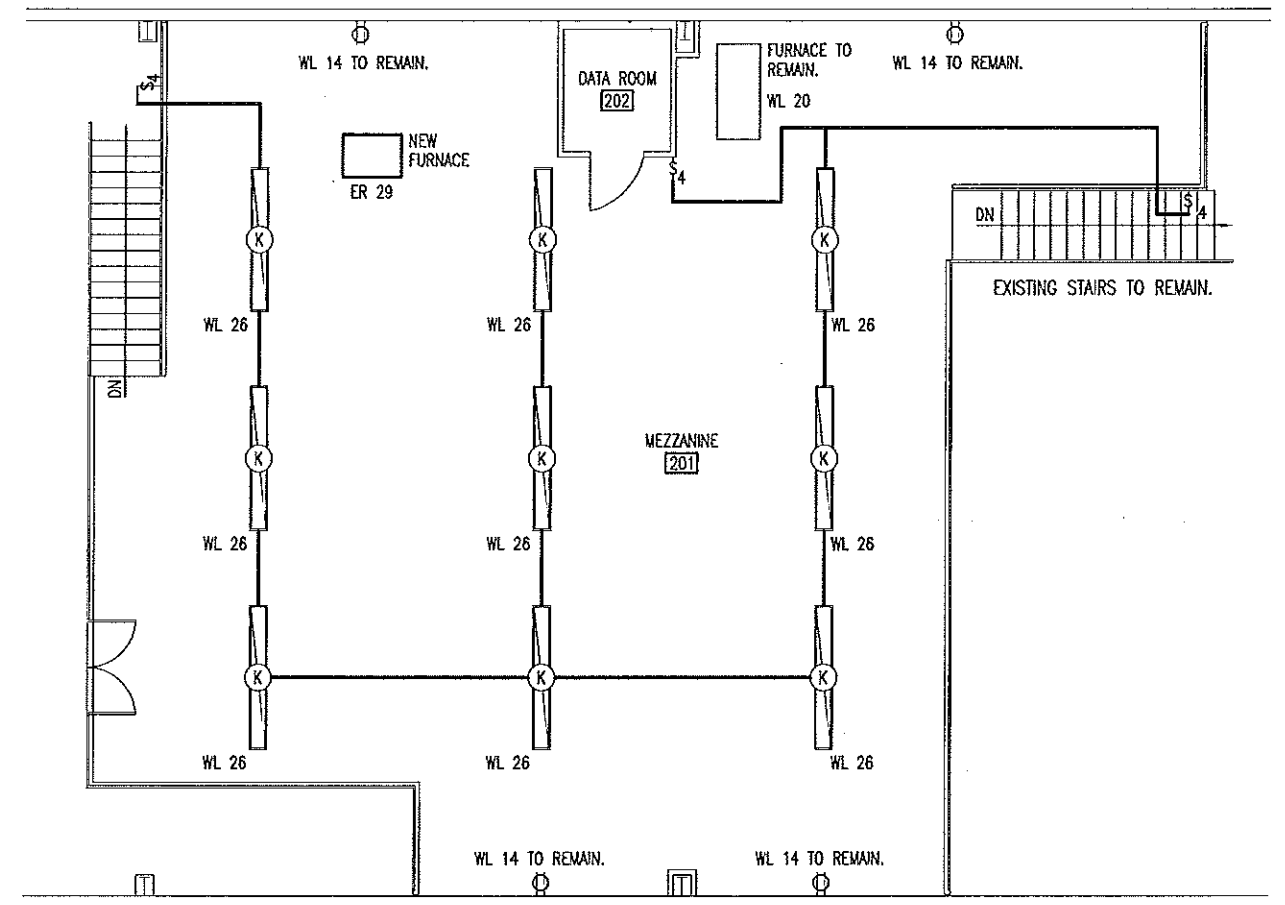


LEGEND

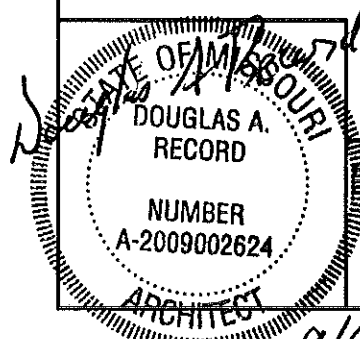
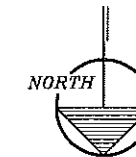
NEW CONDUITS AND CONDUCTORS.

NEW LIGHTING.

NEW 4-WAY SWITCH.



A
20
NEW
MEZZANINE PLAN
SCALE: 3/32" = 1'-0"

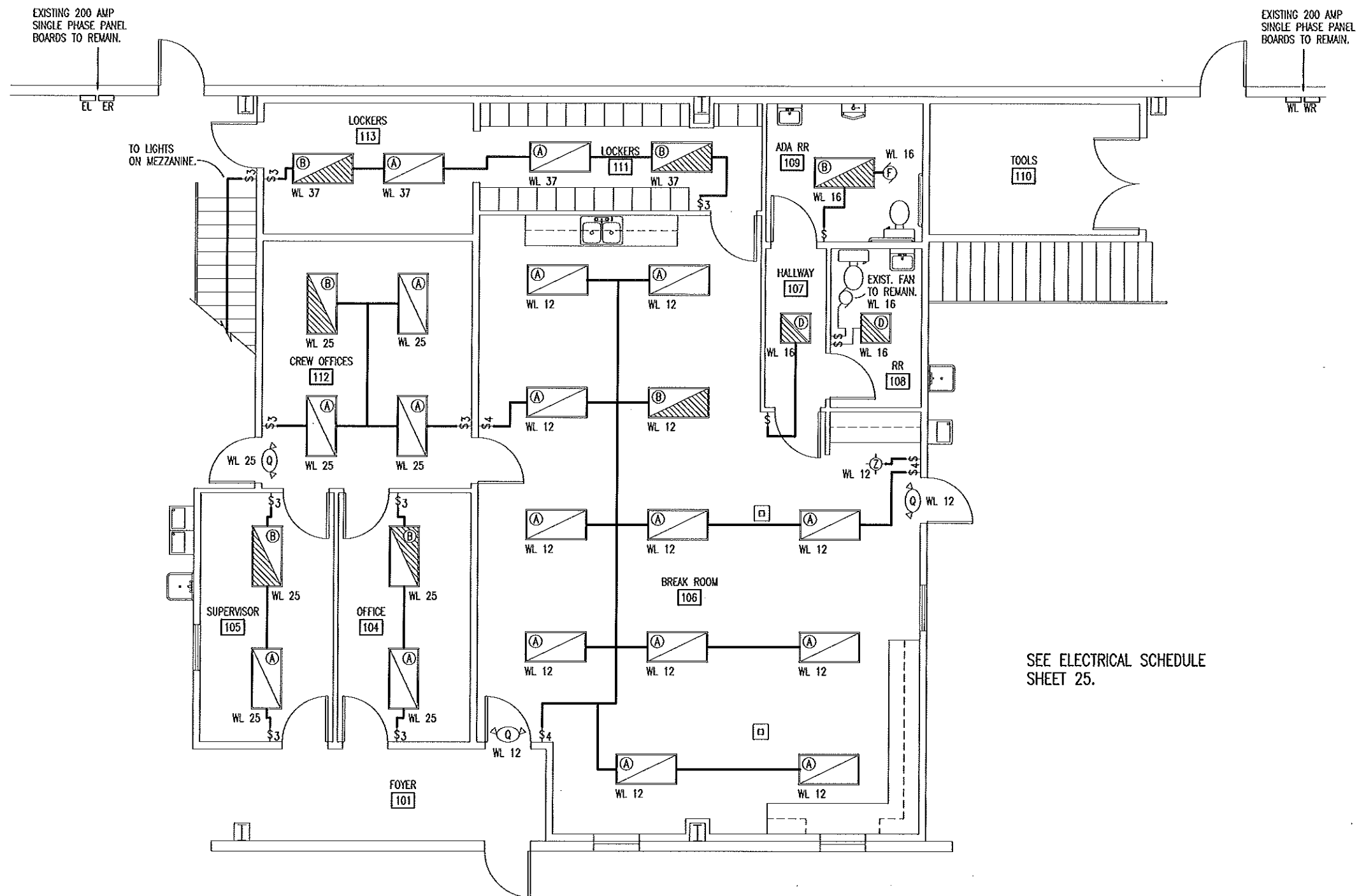


MEZZANINE ELECTRICAL PLAN

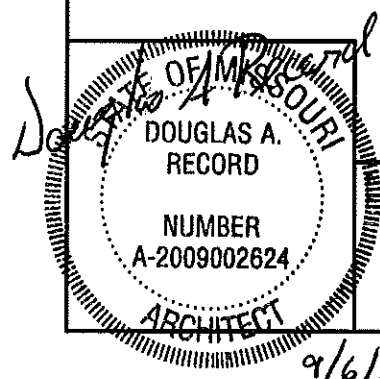
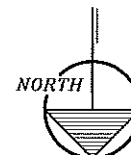
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2800 Stephens Boulevard
Southwest District - Jasper County

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DATE: 8-30-13
Sheet
20 of 25



A
21
LIGHTING PLAN
SCALE: 1/8" = 1'-0"

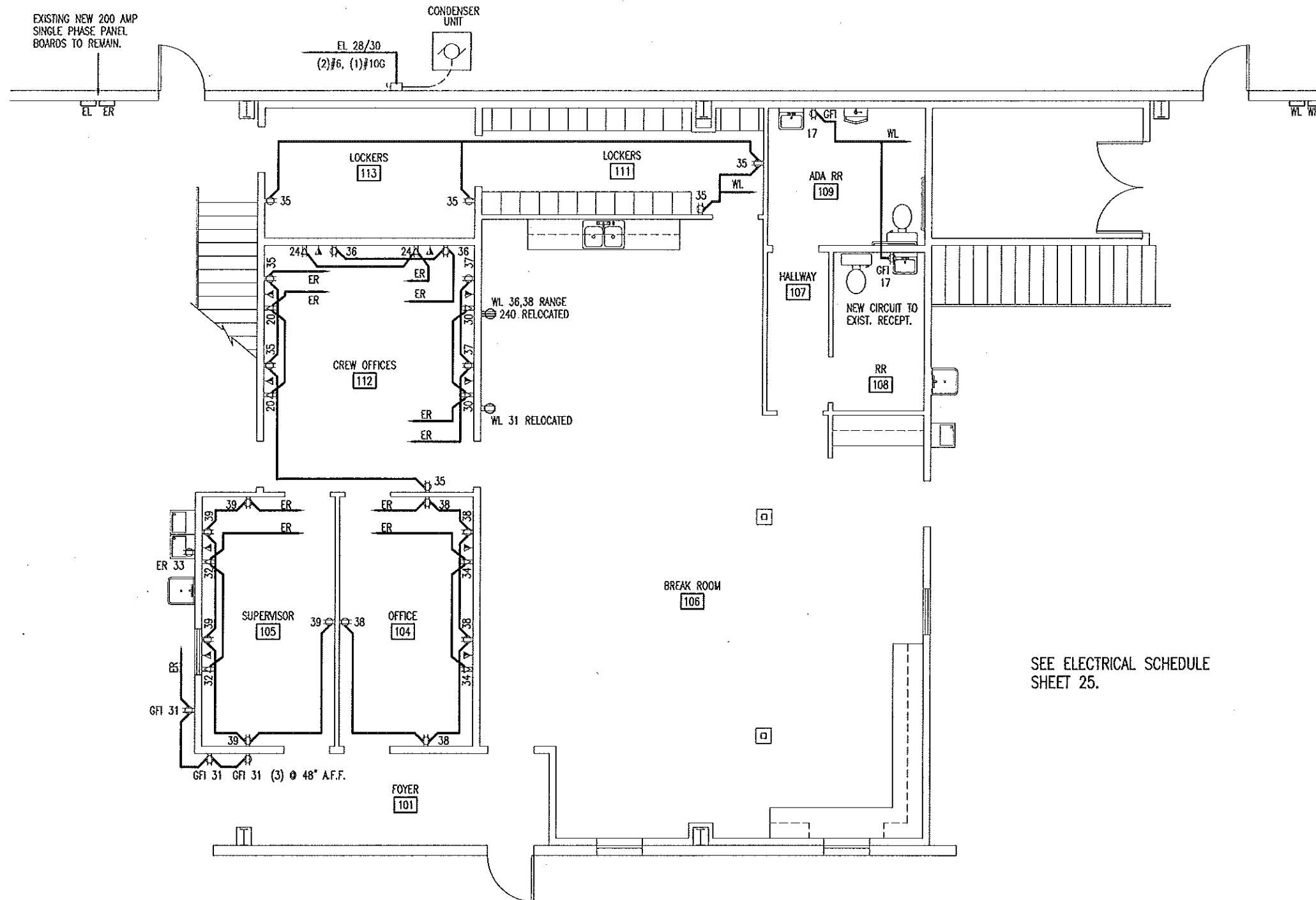


LIGHTING PLAN

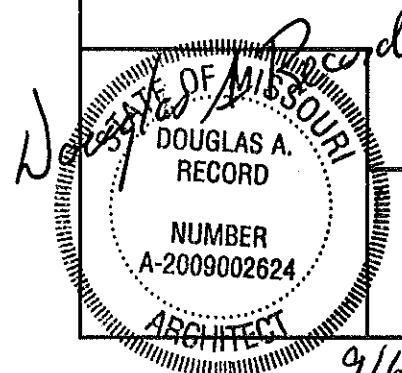
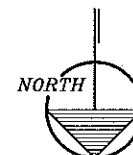
MISSOURI DEPARTMENT
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FACILITIES MANAGEMENT

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2800 Stephens Boulevard
Southwest District - Jasper County

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DRAWN BY: LARRY CARMER
DATE: 9-6-13
Sheet
21 of 25



A POWER PLAN
22 SCALE: 1/8" = 1'-0"



9/6/13

POWER PLAN

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FACILITIES MANAGEMENT

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DRAWN BY: LARRY CARVER
DATE: 8-30-13
Sheet
22 of 25

EXISTING EAST END "R" PANEL (Designation "ER")					
CIR	BKR		CIR	BKR	
1	60	WELDER #2 - EAST END SOUTH WALL	2	20	EXHAUST FAN #1 - EAST END
3	60		4	20	CEILING FANS
5	60		6	20	UNIT HEATER
7	60	WELDER #3 - EAST END SOUTH WALL	8	20	RECEPTACLE - SOUTH WALL, UNIT HEATER
9	60	WELDER #4 - EAST END SOUTH WALL	10	20	RECEPTACLE - EAST WALL
11	60		12	20	RECEPTACLE - SOUTH WALL
13	60		14	20	RECEPTACLE - SOUTH WALL
15	60	AIR COMPRESSOR	16	20	RECEPTACLE - SOUTH WALL
17	20	RECEPTACLE - Main Office, Dedicated Com. Cir.	18	20	RECEPTACLE - Printer Room, Dedicated Circuit
19	20	RECEPTACLE - Main Office, Dedicated Com. Cir.	20	20	RECEPTACLE - Middle Office, Dedicated Circuit
21	35	RECEPTACLE - Main Office, Dedicated Com. Cir.	22	20	RECEPTACLE - Middle Office, Dedicated Circuit
23	30	RECEPTACLE - Main Office, Dedicated Com. Cir.	24	20	RECEPTACLE - Printer Room, Dedicated Circuit
25	30	RECEPTACLE - Main Office, Dedicated Com. Cir.	26	20	RECEPTACLE - Printer Room, Dedicated Circuit
27	20	RECEPTACLE - Main Office, Dedicated Com. Cir.	28	20	RECEPTACLE - Printer Room, Dedicated Circuit
29	20	SPARE	30	20	SPARE
31	20	SPARE	32	20	SPARE
33	20	SPARE	34	20	SPARE
35	20	SPARE	36	20	SPARE
37	20	SPARE	38	20	SPARE
39	20	SPARE	40	20	SPARE
41	20	SPARE	42	20	SPARE

REMOVE BREAKER
RETURN TO OWNER.

REUSE BREAKER

REUSE BREAKER

REUSE BREAKER

REUSE BREAKER

REUSE BREAKER

REUSE BREAKER

REUSE BREAKER

REUSE BREAKER

REUSE BREAKER

REUSE BREAKER

REUSE BREAKER

REUSE BREAKER

REUSE BREAKER

EXISTING WEST END "R" PANEL (Designation "WR")					
CIR	BKR		CIR	BKR	
1	20	DOORS - WEST END 1 & 2	2	20	LIGHTS - GARAGE
3	20	DOORS - WEST END 1 & 2	4	20	LIGHTS - GARAGE
5	20	DOORS - WEST END 3 & 4	6	20	UNKNOWN
7	20	DOORS - WEST END 3 & 4	8	20	LIGHTS - GARAGE
9	20	SPARE	10	20	LIGHTS - GARAGE
11	20	UNKNOWN	12	20	DOORS - WEST END 5 & 6
13	20	LIGHTS - OUTSIDE	14	20	DOORS - WEST END 5 & 6
15	20	RECEPTACLES - WEST WALL	16	20	RECEPTACLE - NORTH WALL OUTSIDE
17	20	RECEPTACLES - WEST WALL	18	20	RECEPTACLE - NORTH WALL WEST END
19	20	RECEPTACLE - EAST END NORTH WALL	20	60	WELDER
21	35	AIR CONDITIONER UNIT	22	60	
23	35		24	20	CORD REELS - WEST END
25	30		26	20	CORD REELS - WEST END
27	20	WATER HEATER	28	20	SPARE
29	20	SPARE	30	20	SPARE
31	20	SPARE	32	20	SPARE
33	20	SPARE	34	20	SPARE
35	20	SPARE	36	20	SPARE
37	20	SPARE	38	20	SPARE
39	20	SPARE	40	20	SPARE
41	20	SPARE	42	20	SPARE

A
23
EXISTING
PANEL BOARDS

REUSE BREAKER

REUSE BREAKER

REUSE BREAKER

REUSE BREAKER

EXISTING WEST END "L" PANEL (Designation "EL")					
CIR	BKR		CIR	BKR	
1	60	WELDER #1 - EAST END EAST WALL	2	20	LIGHTS - GARAGE AREA
3	60		4	20	LIGHTS - GARAGE AREA
5	60		6	20	LIGHTS - GARAGE AREA
7	60	WELDER #2 - EAST END EAST WALL	8	20	LIGHTS - GARAGE AREA
9	60	WELDER #1 - EAST END SOUTH WALL	10	20	LIGHTS - GARAGE AREA
11	60		12	20	LIGHTS - GARAGE AREA
13	20		14	20	EXHAUST FAN #2 - SOUTH WALL
15	20	DOORS - EAST END 1 & 2	16	20	OUTSIDE LIGHTS
17	20	DOORS - EAST END 3 & 4	18	20	RECEPTACLE #1 - EAST END NORTH WALL
19	20	DOORS - EAST END 3 & 4	20	20	RECEPTACLE #2 - EAST END NORTH WALL
21	20	DOORS - EAST END 5 & 6	22	20	RECEPTACLE #3 - EAST END NORTH WALL
23	20	DOORS - EAST END 5 & 6	24	20	RECEPTACLE #4 - EAST END NORTH WALL
25	20	DOORS - EAST END 7 & 8	26	20	RECEPTACLE #5 - EAST END NORTH WALL
27	20	DOORS - EAST END 7 & 8	28	20	SPARE
29	20	CORD REELS - EAST END 1 & 2	30	20	SPARE
31	20	CORD REELS - EAST END 3 & 4	32	20	SPARE
33	20	SPARE	34	20	SPARE
35	20	SPARE	36	20	SPARE
37	20	SPARE	38	20	SPARE
39	20	SPARE	40	20	SPARE
41	20	SPARE	42	20	SPARE

REMOVE BREAKERS
RETURN TO OWNER.

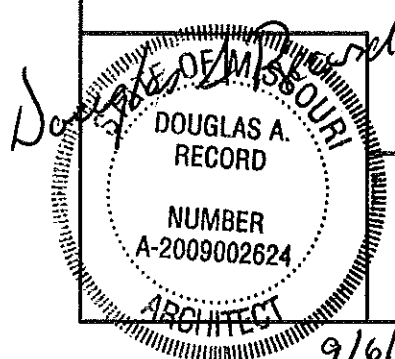
EXISTING WEST END "L" PANEL (Designation "WL")					
CIR	BKR		CIR	BKR	
1	20	RECEPTACLE - SOUTH WALL NEAR PANEL	2	20	RECEPTACLE - OUTSIDE SOUTH WALL
3	20	RECEPTACLE - MIDDLE OF SOUTH WALL	4	20	EXHAUST FAN SOUTH WALL
5	60	WELDER - SOUTH WALL	6	60	COMPRESSOR
7	60		8	60	
9	20		10	20	LIGHTS - FRONT & MIDDLE OFFICE
11	20	RECEPTACLE - SOUTH WALL WEST END	12	20	LIGHTS - BREAKROOM
13	20	UNIT HEATER - SOUTH WALL	14	20	RECEPTACLES - MEZZANINE
15	20	CEILING FANS	16	20	LIGHTS - MEZZANINE
17	20	RECEPTACLES - General Use Middle Office	18	20	RECEPTACLES - MIDDLE FRONT
19	20	RECEPTACLES - General Use Break Rm, Office	20	20	FURNACE
21	20	RECEPTACLES - BREAKROOM	22	20	SPARE
23	20	RECEPTACLES - HALLWAY	24	20	RECEPTACLES - MIDDLE FRONT
25	20	COUNTERTOP GF's IN HALLWAY	26	20	SPARE
27	20	OFFICE LIGHTS	28	20	SPARE
29	20	Receptacles & Lights, B'room, Ice Mach, Store.	30	20	SPARE
31	20	UNKNOWN	32	20	SPARE
33	20	RECEPTACLES - BREAKROOM	34	20	SPARE
35	20	RECEPTACLES - SUPERVISOR'S OFFICE	36	50	BREAKROOM RANGE
37	20	OFFICE LIGHTS - SUPERVISOR'S OFFICE	38	50	
39	20	RECEPTACLE - By Breakroom Sink/Refrigerator	40	60	
41	20	UNKNOWN	42	60	SEMI-TRAILER PANEL OUTSIDE

REUSE BREAKER

REUSE BREAKER

REUSE BREAKER

REMOVE BREAKER
RETURN TO OWNER.



EXISTING PANEL BOARDS

MISSOURI DEPARTMENT
OF TRANSPORTATION
DIVISION OF GENERAL SERVICES
FACILITIES MANAGEMENT

JOPLIN STRIPING BUILDING RENOVATION
2800 Stephens Boulevard
Southwest District - Jasper County

DESIGN BY: LARRY CARVER
DRAWN BY: LARRY CARVER
DATE: 8-30-13
Sheet
23 of 25

EAST END "R" PANEL (Designation "ER")					
CIR	BKR		CIR	BKR	
1	60	WELDER #2 - EAST END SOUTH WALL	2	20	EXHAUST FAN #1 - EAST END
3	60		4	20	CEILING FANS
5	60	WELDER #3 - EAST END SOUTH WALL	6	20	UNIT HEATER
7	60		8	20	RECEPTACLE - SOUTH WALL, UNIT HEATER
9	60	WELDER #4 - EAST END SOUTH WALL	10	20	RECEPTACLE - EAST WALL
11	60		12	20	RECEPTACLE - SOUTH WALL
13	60	AIR COMPRESSOR	14	20	RECEPTACLE - SOUTH WALL
15	60		16	20	RECEPTACLE - SOUTH WALL
17	20	RECEPTACLE - Main Office, Dedicated Com. Cir.	18	20	RECEPTACLE - 106 Break Room - Dedicated
19	20	RECEPTACLE - Main Office, Dedicated Com. Cir.	20	20	RECEPTACLES - 112 Crew Office - Dedicated
21	35	RECEPTACLE - Main Office, Dedicated Com. Cir.	22	20	RECEPTACLES - 112 Crew Office - Dedicated
23	30	RECEPTACLE - Main Office, Dedicated Com. Cir.	24	20	RECEPTACLE - 106 Break Room - Dedicated
25	30	RECEPTACLE - Main Office, Dedicated Com. Cir.	26	20	RECEPTACLE - 106 Break Room - Dedicated
27	20	RECEPTACLE - Main Office, Dedicated Com. Cir.	28	20	RECEPTACLE - 106 Break Room - Dedicated
29	15	EAST FURNACE	30	20	RECEPTACLES - 112 Crew Offices - Dedicated
31	20	RECEPTACLES GFI - 102 MAINTENANCE	32	20	RECEPTACLES - 105 Supervisor - Dedicated
33	20	WATER COOLER	34	20	RECEPTACLES - 104 Office - Dedicated
35	20	RECEPTACLES - 112 CREW OFFICES	36	20	RECEPTACLES - 112 CREW OFFICES
37	20	RECEPTACLES - 112 CREW OFFICES	38	20	RECEPTACLES - 104 OFFICE
39	20	RECEPTACLES - 105 SUPERVISOR	40	20	SPARE
41	20	SPARE	42	20	SPARE

NEW BREAKER -
REUSED BREAKER -
REUSED BREAKER -
REUSED BREAKER -
REUSED BREAKER -
REUSED BREAKER -

REUSED BREAKER
REUSED BREAKER

REUSED BREAKER
REUSED BREAKER
REUSED BREAKER
REUSED BREAKER

WEST END "R" PANEL (Designation "WR")					
CIR	BKR		CIR	BKR	
1	20	DOORS - WEST END 1 & 2	2	20	LIGHTS - GARAGE
3	20	DOORS - WEST END 1 & 2	4	20	LIGHTS - GARAGE
5	20	DOORS - WEST END 3 & 4	6	20	UNKNOWN
7	20	DOORS - WEST END 3 & 4	8	20	LIGHTS - GARAGE
9	20	SPARE	10	20	LIGHTS - GARAGE
11	20	UNKNOWN	12	20	DOORS - WEST END 5 & 6
13	20	LIGHTS - OUTSIDE	14	20	DOORS - WEST END 5 & 6
15	20	RECEPTACLES - WEST WALL	16	20	RECEPTACLE - NORTH WALL OUTSIDE
17	20	RECEPTACLES - WEST WALL	18	20	RECEPTACLE - NORTH WALL WEST END
19	20	RECEPTACLE - EAST END NORTH WALL	20	60	WELDER
21	35	AIR CONDITIONER UNIT	22	60	
23	35		24	20	CORD REELS - WEST END
25	30	WATER HEATER	26	20	CORD RELLS - WEST END
27	30		28	20	SPARE
29	25	SPARE	30	20	SPARE
31	25	SPARE	32	20	SPARE
33	20	SPARE	34	20	SPARE
35	20	SPARE	36	20	SPARE
37	20	SPARE	38	20	SPARE
39	20	SPARE	40	20	SPARE
41	20	SPARE	42	20	SPARE

WEST END "L" PANEL (Designation "EL")					
CIR	BKR		CIR	BKR	
1	60	WELDER #1 - EAST END EAST WALL	2	20	LIGHTS - GARAGE AREA
3	60		4	20	LIGHTS - GARAGE AREA
5	60	WELDER #2 - EAST END EAST WALL	6	20	LIGHTS - GARAGE AREA
7	60		8	20	LIGHTS - GARAGE AREA
9	60	WELDER #1 - EAST END SOUTH WALL	10	20	LIGHTS - GARAGE AREA
11	60		12	20	LIGHTS - GARAGE AREA
13	20	DOORS - EAST END 1 & 2	14	20	EXHAUST FAN #2 - SOUTH WALL
15	20	DOORS - EAST END 1 & 2	16	20	OUTSIDE LIGHTS
17	20	DOORS - EAST END 3 & 4	18	20	RECEPTACLE #1 - EAST END NORTH WALL
19	20	DOORS - EAST END 3 & 4	20	20	RECEPTACLE #2 - EAST END NORTH WALL
21	20	DOORS - EAST END 5 & 6	22	20	RECEPTACLE #3 - EAST END NORTH WALL
23	20	DOORS - EAST END 5 & 6	24	20	RECEPTACLE #4 - EAST END NORTH WALL
25	20	DOORS - EAST END 7 & 8	26	20	RECEPTACLE #5 - EAST END NORTH WALL
27	20	DOORS - EAST END 7 & 8	28	25	AIR CONDITIONER UNIT
29	20	CORD REELS - EAST END 1 & 2	30	25	
31	20	CORD REELS - EAST END 3 & 4	32	20	SPARE
33	20	SPARE	34	20	SPARE
35	20	SPARE	36	20	SPARE
37	20	SPARE	38	20	SPARE
39	20	SPARE	40	20	SPARE
41	20	SPARE	42	20	SPARE

NEW BREAKERS

WEST END "L" PANEL (Designation "WL")					
CIR	BKR		CIR	BKR	
1	20	RECEPTACLE - SOUTH WALL NEAR PANEL	2	20	RECEPTACLE - OUTSIDE SOUTH WALL
3	20	RECEPTACLE - MIDDLE OF SOUTH WALL	4	20	EXHAUST FAN SOUTH WALL
5	60	WELDER - SOUTH WALL	6	60	COMPRESSOR
7	60		8	60	
9	20	RECEPTACLE - SOUTH WALL WEST END	10	20	SPARE
11	20	UNIT HEATER - SOUTH WALL	12	20	LIGHTS - 106 BREAK ROOM
13	20	CEILING FANS	14	20	RECEPTACLES - MEZZANINE
15	20	RECEPTACLES - General Use Middle Office	16	20	Lights & Fans - 107, 108 RR & 109 ADA RR
17	20	RECEPTACLES - GFI's 108 RR. & 109 ADA RR.	18	20	RECEPTACLES - MIDDLE FRONT
19	20	RECEPTACLES - BREAKROOM	20	20	WEST FURNACE
21	20	RECEPTACLES - HALLWAY	22	20	SPARE
23	20	COUNTERTOP GFI's IN HALLWAY	24	20	RECEPTACLES - MIDDLE FRONT
25	20	LIGHTS - 104, 105 & 112 OFFICES	26	30	LIGHTS - MEZZANINE
27	20	Receptacles & Lights, B'room, Ice Moch, Store.	28	20	SPARE
29	20	UNKNOWN	30	20	SPARE
31	20	RECEPTACLES - BREAKROOM	32	20	SPARE
33	20	UNKNOWN	34	20	SPARE
35	20	RECEPTACLES - 111 & 113 LOCKERS	36	50	BREAKROOM RANGE
37	20	LIGHTS - 111 LOCKERS	38	50	
39	20	RECEPTACLE - By Breakroom Sink/Refrigerator	40	60	SEMI-TRAILER PANEL OUTSIDE
41	20	UNKNOWN	42	60	

NEW SPARE
REUSED BREAKER

REUSED BREAKER

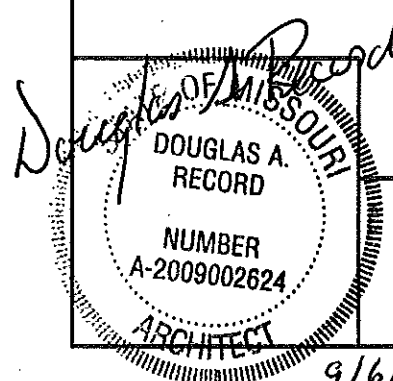
NEW BREAKER

A
24
PANEL BOARDS

REUSED BREAKER -

REUSED BREAKER -

REUSED BREAKER -
REUSED BREAKER -



PANEL BOARDS

MISSOURI DEPARTMENT
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Sheet
24 of 25

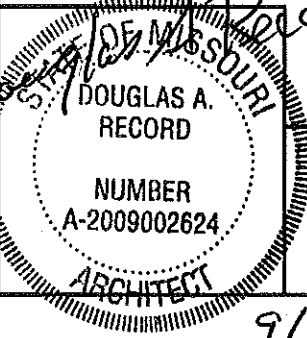
ELECTRIC SCHEDULE					
MANUF.	MODEL	#	LAMPS TYPE W	MNT	REMARKS
 WILLIAMS	50G-S24-328T5S- RPC12125-EB2/1-120	3	FLUORESCENT 28	CLG	24" x 48" STATIC TROFFER FIXTURE, WITH FULL DOOR FRAME, NO REVEAL, WHITE ALUMINUM, AND ELECTRONIC BALLAST.
 WILLIAMS	50G-S24-328T5S- RPC12125-EM/ISL540/ 1-EB2/1-120	3	FLUORESCENT 28	CLG	24" x 48" STATIC TROFFER FIXTURE, WITH FULL DOOR FRAME, NO REVEAL, WHITE ALUMINUM, ELECTRONIC BALLAST, EMERGENCY BATTERY PACK.
 WILLIAMS	50G-S22-414-T6S- RPC12125-EM Back Mount EMLP6-EM2/2-UNV	4	FLUORESCENT 14	CLG	24" x 24" STATIC TROFFER FIXTURE, WITH FULL DOOR FRAME, NO REVEAL, WHITE ALUMINUM, ELECTRONIC BALLAST, EMERGENCY BATTERY PACK.
 BROAN	BROAN BATHROOM EXHAUST GRAINGER #41A34 OR EQUAL			CLG	VENTED THROUGH WALL AS SHOWN ON THE ELEVATIONS REQUIRED. STEEL SHUTTER TO BE WEATHER STRIPPED. 110 CFM.
 LITHONIA	T2UN 4 54T5HO 120 ES (2) W62UN	4	FLUORESCENT 54	CLG	96" LONG SURFACE MOUNT FLUORESCENT LIGHT FIXTURE, WITH PAINTED STEEL HOUSING, ELECTRONIC BALLAST AND WIRE GUARD.
 LITHONIA	LMQM-P-W-3-R-HO			WALL	THERMOPLASTIC EXIT/UNIT COMBO UNIT. CALCIUM BATTERY. (2) 5.4 WATT KRYPTON LAMPS. 21.25" x 9.875 x 4.875" HOUSING.
 LITHONIA	L7X 701 TOR	1	INCANDESCENT 60	CLG	6" RECESSED OPEN WIDE FLANGE DOWNLIGHT INCLUDE 60 WATT BULB.
ELECTRICAL FIXTURES AND EQUIPMENT ARE SCHEDULED BY MANUFACTURER AND MODEL NUMBER FOR DESIGN INTENT ONLY, APPROVED EQUALS MAY BE SUBSTITUTED.					

ELECTRICAL NOTES

- DRAWINGS AND DIAGRAMS ARE DIAGRAMMATIC AND SHALL NOT BE SCALED. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS.
- ELECTRICAL WORK SHALL BE INSTALLED IN STRICT COMPLIANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRIC CODE (N.E.C.).
- PROVIDE ELECTRICAL EQUIPMENT AND ACCESSORIES REQUIRED FOR A COMPLETE AND OPERATIONAL ELECTRICAL SYSTEM AS REQUIRED BY MANUFACTURER'S INSTRUCTIONS AND DIRECTIONS FOR SYSTEMS SPECIFIED.
- SWITCHES AND RECEPTACLES SHALL BE EQUAL TO THE AMPERE RATING SHOWN IN THE PANEL SCHEDULE. RECEPTACLES SHALL BE GROUND-FAULT INTERRUPTION TYPE WHERE SHOWN OR AS REQUIRED BY CODE.
- BATHROOM EXHAUST FANS ARE TO BE PROVIDED AND INSTALLED BY THE ELECTRICAL CONTRACTOR.
- SEE HVAC SCHEDULE FOR EQUIPMENT TO BE HARD WIRED, PROVIDE SERVICE DISCONNECT AT EACH.
- ALL RECEPTACLES IN GARAGE AREA TO BE MOUNTED AT 48" A.F.F.
- COORDINATE WORK WITH OTHER TRADES PRIOR TO COMMENCING WITH ELECTRICAL WORK.
- CONDUCTOR AND BREAKER SIZE MAY VARY PER MANUFACTURER ON THE EQUIPMENT SPECIFIED. ELECTRIC CONTRACTOR TO VERIFY SIZES WITH EXACT EQUIPMENT ORDERED PRIOR TO PURCHASING ELECTRICAL SUPPLIES.
- FIXTURE LOCATIONS ARE APPROXIMATE, EXACT LOCATIONS TO BE DETERMINED AFTER COLLABORATION WITH THE OWNER AND OTHER TRADES.
- CONTRACTOR SHALL PROVIDE SERVICE DISCONNECTS AS REQUIRED AT EXTERIOR OF BUILDING.
- PROVIDE BLOCKING FOR ELECTRICAL DEVICES AS REQUIRED FOR A SECURE APPLICATION.
- CONTRACTOR TO INSTALL VOICE AND DATA RECEPTACLES TO MATCH EXISTING. MODOT TO INSTALL CONDUIT AND DATA CABLING TO THEM. COORDINATE DURING CONSTRUCTION.

LEGEND

- ⌚ SINGLE POLE SWITCH, FLUSH MOUNTED IN FINISHED AREAS @ 46" A.F.F.
⌚ SINGLE POLE SWITCH, SURFACE MOUNTED IN UNFINISHED AREAS @ 46" A.F.F.
- ⌚ 4-WAY SWITCH, FLUSH MOUNTED IN FINISHED AREAS @ 46" A.F.F.
⌚ 4-WAY SWITCH, SURFACE MOUNTED IN UNFINISHED AREAS @ 46" A.F.F.
- ⌚ 3-WAY SWITCH, FLUSH MOUNTED IN FINISHED AREAS @ 46" A.F.F.
⌚ 3-WAY SWITCH, SURFACE MOUNTED IN UNFINISHED AREAS @ 46" A.F.F.
- ⌚ DUPLEX RECEPTACLE FLUSH MOUNTED IN FINISHED AREAS @ 18" A.F.F. TO BOTTOM OF OUTLET.
⌚ DUPLEX RECEPTACLE SURFACE MOUNTED IN UNFINISHED AREAS @ 42" A.F.F.
- ⌚ DEDICATED RECEPTACLE FLUSH MOUNTED IN FINISHED AREAS @ 18" A.F.F. TO BOTTOM OF OUTLET.
⌚ DEDICATED RECEPTACLE SURFACE MOUNTED IN UNFINISHED AREAS @ 42" A.F.F.
- ⌚ 6FI DUPLEX RECEPTACLE WITH GROUND FAULT INTERRUPTER.
- ⌚ VOICE AND DATA OUTLET FLUSH MOUNTED IN FINISHED AREAS @ 18" A.F.F. TO BOTTOM OF OUTLET. MODOT TO INSTALL CABLING TO OUTLETS.



Electrical Note & Schedules

MISSOURI DEPARTMENT
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DRAWN BY: LARRY CARVER
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Sheet
25 of 25

9/6/13