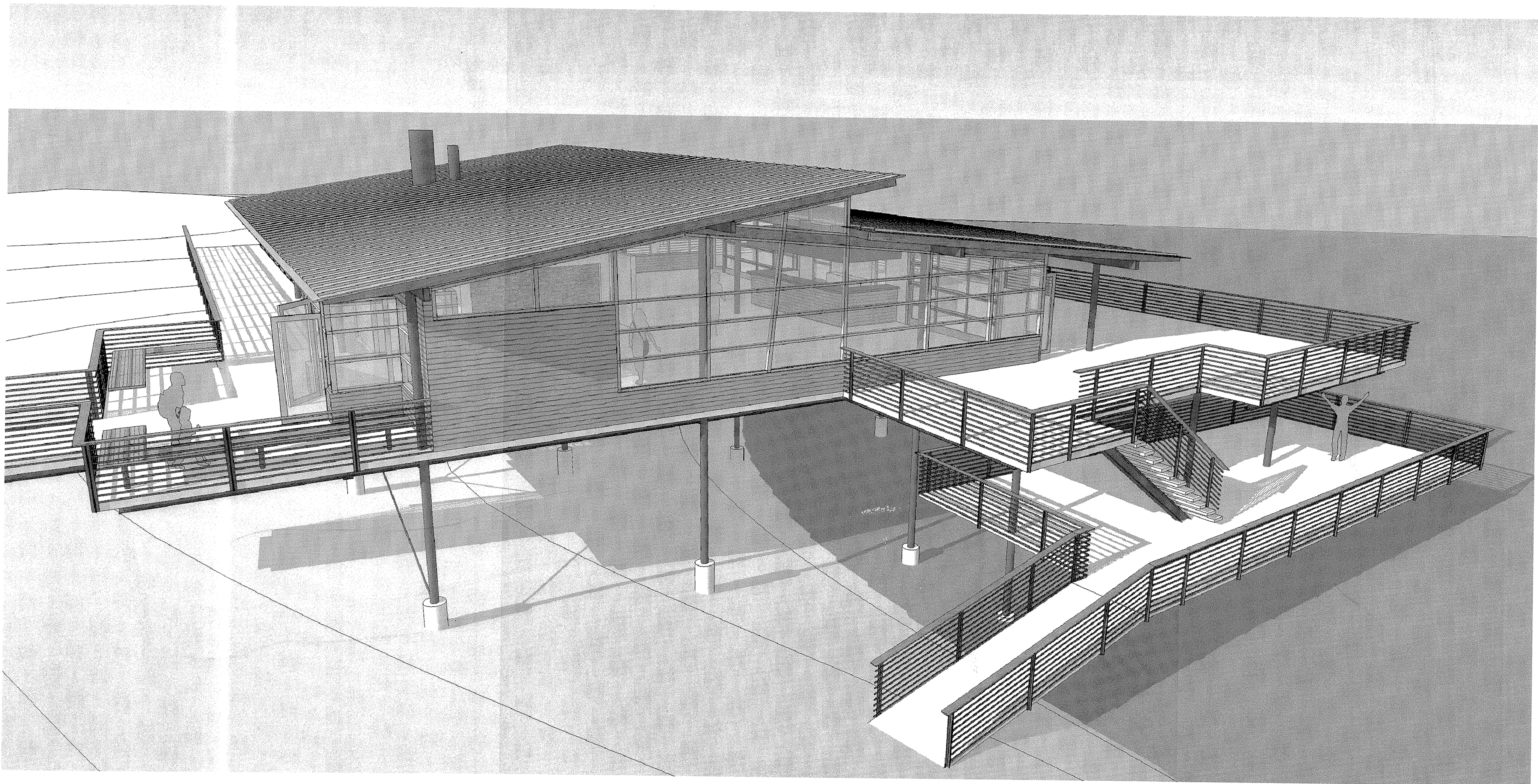


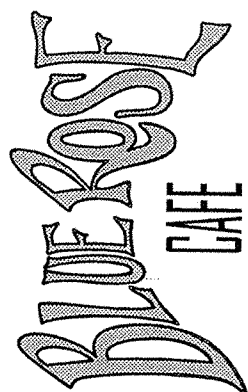
BLUE ROSE

CAFE



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ARCHITECTURE
2872 EAST 35th PLACE
TULSA, OK 74105

918.671.8762
reedsdesign@gmail.com



Blue Rose Cafe
1940 South Riverside Drive West
Tulsa, OK 74137

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SHEET NAME
COVER
SHEET

SHEET NUMBER

G001

GENERAL SITE DEMOLITION NOTES:

THESE DOCUMENTS WERE MADE FROM ON-SITE OBSERVATIONS AND MEASUREMENTS. ALL DIMENSIONS SHALL BE CONSIDERED PLUS OR MINUS. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ON-SITE VERIFICATION OF ALL EXISTING CONDITIONS AS REQUIRED FOR BIDDING AND CONSTRUCTION PURPOSES.

ALL DEMOLITION SHALL BE CARRIED OUT IN A SAFE MANNER IN STRICT ACCORDANCE WITH OSHA REGULATIONS.

CONTRACTOR SHALL COORDINATE DEMOLITION SCHEDULE WITH OWNER PRIOR TO START OF CONSTRUCTION. COORDINATE ANY TEMPORARY INTERRUPTIONS IN UTILITY SERVICES WITH OWNER PRIOR TO INTERRUPTION. ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH OWNERS STANDARDS.

THE CONTRACTOR SHALL FIELD VERIFY THE EXTENT OF DEMOLITION. THE WORK INCLUDES, BUT IS NOT LIMITED TO, THE DEMOLITION AND REMOVAL OF EXISTING ELEMENTS AS SHOWN ON DRAWING OR AS REQUIRED FOR THE INSTALLATION OF THE NEW WORK FOR A COMPLETE JOB.

THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER AND THE ARCHITECT OF ANY CONCEALED OR UNKNOWN CONDITIONS.

REMOVE EVERYTHING AS IDENTIFIED FOR NEW CONSTRUCTION. COORDINATE ALL DEMOLITION QUESTIONS THROUGH THE OWNER.

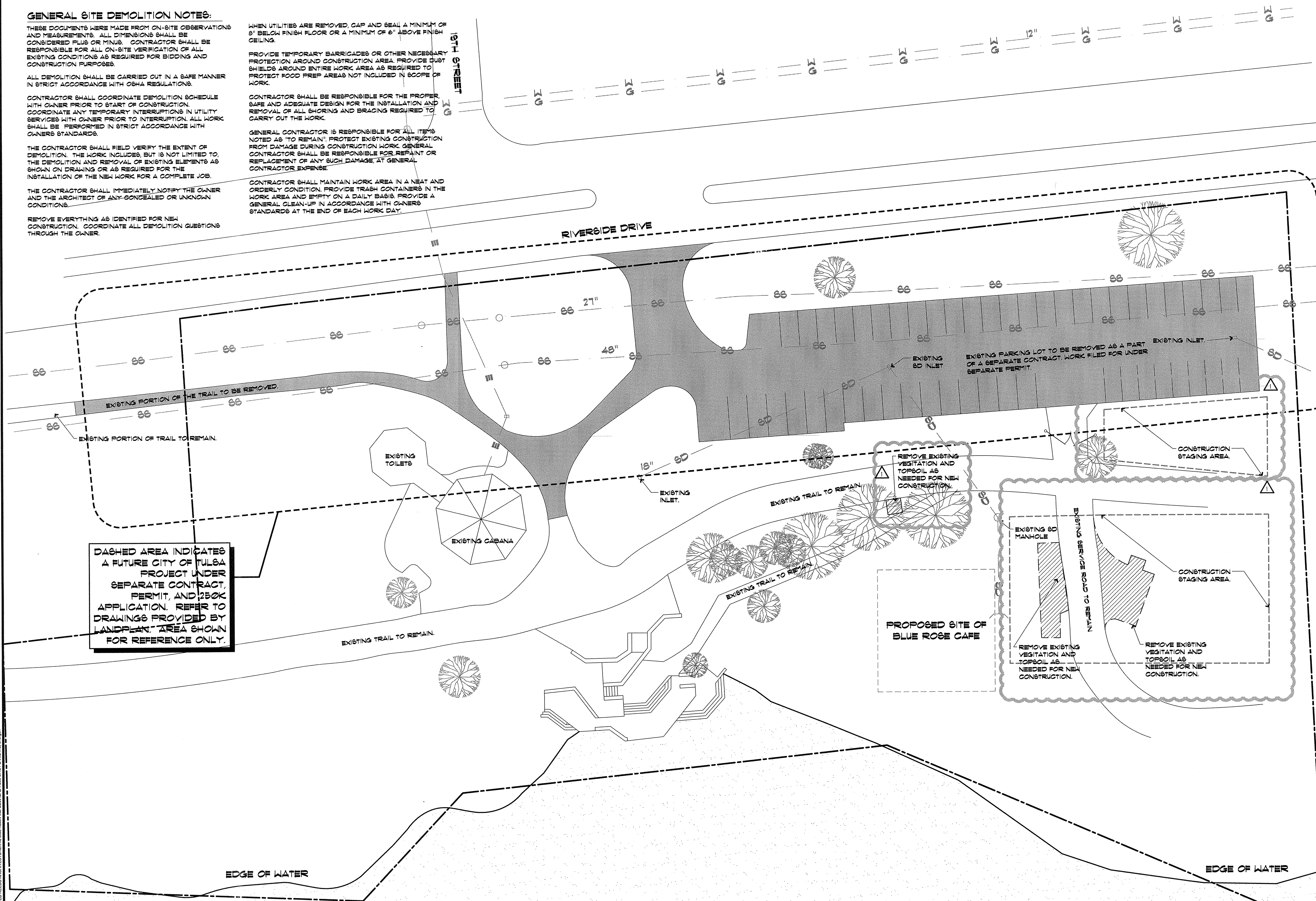
WHEN UTILITIES ARE REMOVED, CAP AND SEAL A MINIMUM OF 8" BELOW FINISH FLOOR OR A MINIMUM OF 6" ABOVE FINISH CEILING.

PROVIDE TEMPORARY BARRICADES OR OTHER NECESSARY PROTECTION AROUND CONSTRUCTION AREA. PROVIDE DUST SHIELDS AROUND ENTIRE WORK AREA AS REQUIRED TO PROTECT FOOD PREP AREAS NOT INCLUDED IN SCOPE OF WORK.

CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER, SAFE AND ADEQUATE DESIGN FOR THE INSTALLATION AND REMOVAL OF ALL SHORING AND BRACING REQUIRED TO CARRY OUT THE WORK.

GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL ITEMS NOTED AS "TO REMAIN". PROTECT EXISTING CONSTRUCTION FROM DAMAGE DURING CONSTRUCTION WORK. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ANY SUCH DAMAGE, AT GENERAL CONTRACTOR EXPENSE.

CONTRACTOR SHALL MAINTAIN WORK AREA IN A NEAT AND ORDERLY CONDITION. PROVIDE TRASH CONTAINERS IN THE WORK AREA AND EMPTY ON A DAILY BASIS. PROVIDE A GENERAL CLEAN-UP IN ACCORDANCE WITH OWNERS STANDARDS AT THE END OF EACH WORK DAY.



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BLUE ROSE
CAFE

Blue Rose Cafe
1940 South Riverside Drive West
Tulsa, OK 74137

REV.	DATE	DESCRIPTION
1	2/3/10	BUILDING SUBMITTAL SET

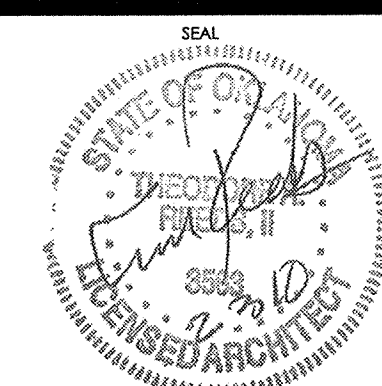
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ISSUE DATE: 1/19/10 PERMIT RESPONSE

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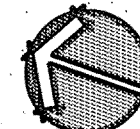
SHEET NAME
DEMOLITION SITE
PLAN

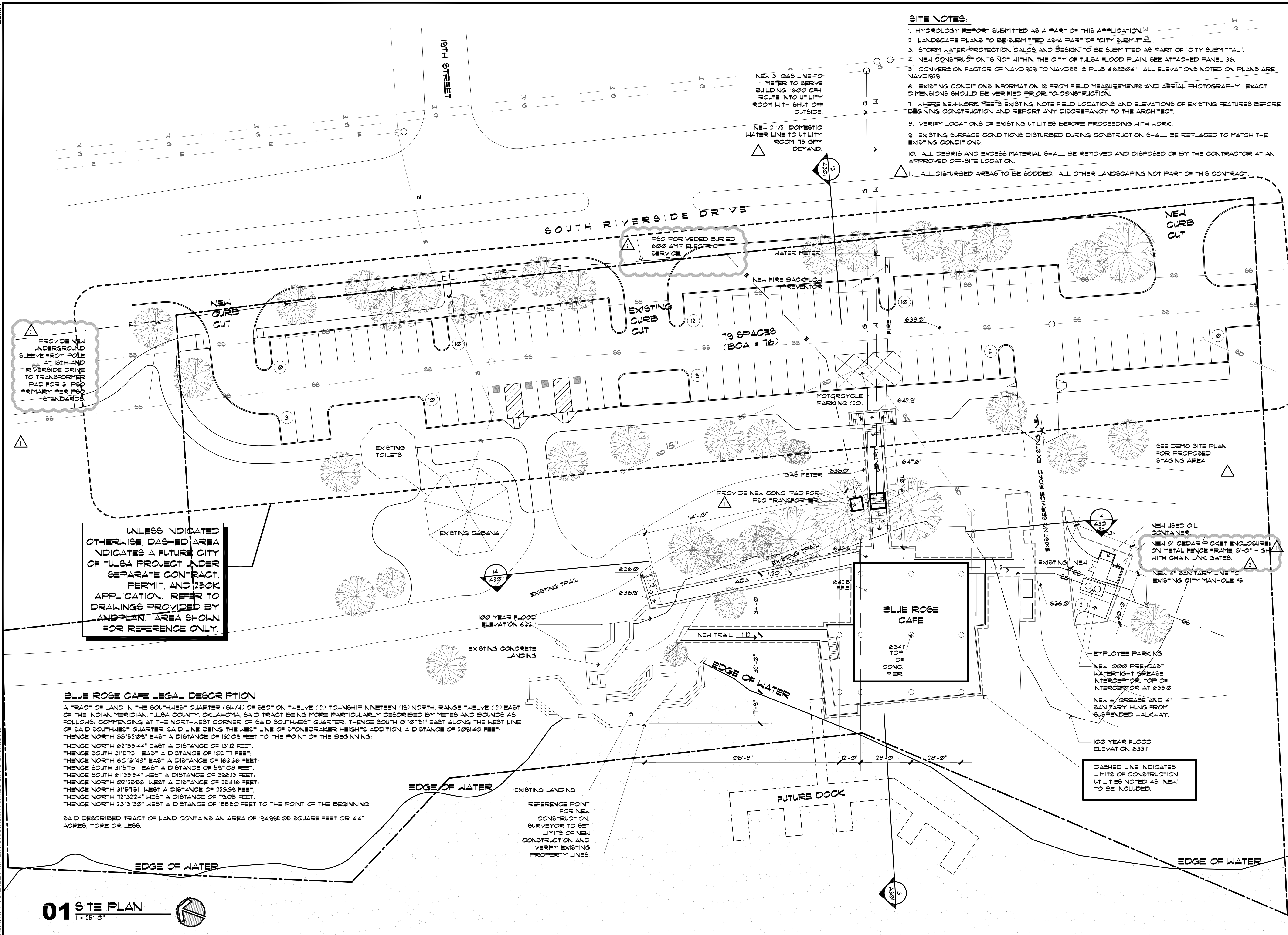
SHEET NUMBER

D001

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01 DEMOLITION SITE PLAN





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BLUE ROSE CAFE

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REV.	DATE	DESCRIPTION
1	2/3/10	BUILDING SUBMITTAL SET
2	2/8/10	OWNER COMMENTS
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SHEET NAME
SITE PLAN

ET NUMBER

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Blue Rose Cafe
1940 South Riverside Drive West
Tulsa, OK 74137

REV.	DATE	DESCRIPTION
	2/3/10	BUILDING SUBMITTAL SET
	2/8/10	OWNER COMMENTS
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SEAL

SHEET NAME

LANDPLAN SITE
FOR REFERENCE ONLY

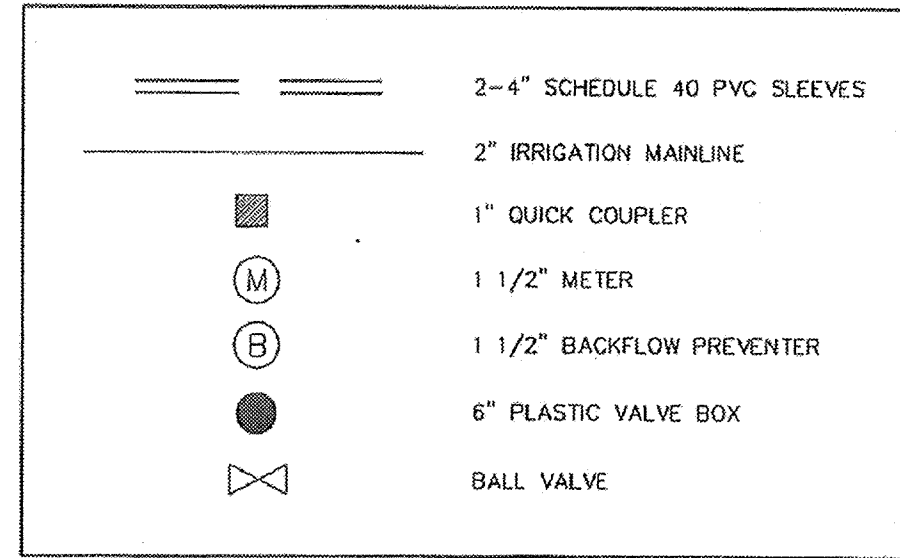
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TREES AND MATERIALS

QTY.	TREE NAME	SIZE	HT. x W
3	REDBUD <i>Cercis canadensis 'Oklahoma'</i>	2" - 2 1/2" Cal.	8'-10' x 5'-6"
3	WHITEBUD <i>Cercis canadensis 'Alba'</i>	2" - 2 1/2" Cal.	8'-10' x 5'-6"
5	DYNAMITE CRAPE MYRTLE <i>Lagerstroemia indica 'Dynamite'</i>	5-7 cones min. 4" clear multiple trunk	12'-14' x 5'-6"
3	CHINESE PISTACHE <i>Platanus chinensis</i>	2 1/2" - 3" Cal.	10'-12' x 5'-6"
11	LONDON PLANE TREE <i>Platanus x acerifolia</i>	2 1/2" - 3" Cal.	10'-12' x 5'-6"
16	RED OAK <i>Quercus rubra</i>	2 1/2" - 3" Cal.	12'-14' x 5'-6"
10	SHUMARD OAK <i>Quercus shumardii</i>	2 1/2" - 3" Cal.	12'-14' x 5'-6"
16	ALLEE LACEBARK ELM <i>Ulmus parvifolia 'Allee'</i>	2 1/2" - 3" Cal.	12'-14' x 5'-6"
4	BOSQUE LACEBARK ELM <i>Ulmus parvifolia 'Bosque'</i>	2 1/2" - 3" Cal.	12'-14' x 5'-6"
5	MUSASHINO ZELKOVA <i>Zelkova serrata 'Musashino'</i>	2 1/2" - 3" Cal.	12'-14' x 5'-6"

IRRIGATION LEGEND



MATERIALS - TREE PLANTING

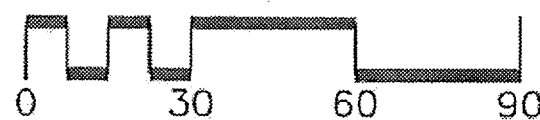
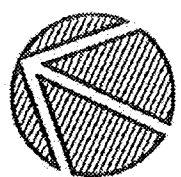
152 EA	SHREDDED CYPRUS BARK MULCH (3 CUBIC FT. BAGS) (2 BAGS PER TREE)
76 EA	"BACK TO EARTH" SOIL SUPPLEMENT (3 CUBIC FT. BAGS) (1 BAG PER TREE)

PLANTING LEGEND

COMMON NAME	SPACING
CC'O' - REDBUD	AS SHOWN
CC'A' - WHITEBUD	AS SHOWN
LI - CRAPE MYRTLE	AS SHOWN
PC - CHINESE PISTACHE	AS SHOWN
QR - RED OAK	AS SHOWN
OS - SHUMARD OAK	AS SHOWN
UP'A' - ALLEE LACEBARK ELM	AS SHOWN
UP'B' - BOSQUE LACEBARK ELM	AS SHOWN
PA - LONDON PLANE TREE	AS SHOWN
ZS'M' - MUSASHINO ZELKOVA	AS SHOWN



SCHED 40 SLEEVES BY CONTRACTOR.
IRRIGATION IMPROVEMENT BY OTHERS.

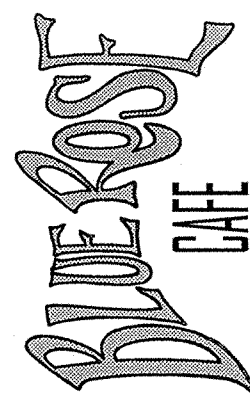


TREE PLANTING & IRR. PLAN
BLUE ROSE LANDING

CITY OF TULSA, OKLAHOMA PUBLIC WORKS DEPARTMENT ENGINEERING SERVICES DIVISION			
PLANS AND ESTIMATES PREPARED BY: LANDPLAN CONSULTANTS 1110 WEST 23rd TULSA, OK 74107 918-584-6164			
PLAN SCALE:	DRAWN	JAM	APPROVED:
N/A	DESIGNED	JAM	
PROFILE SCALE:	SURVEY		
HORIZONTAL:	FIELD ANGR.		
N/A	SECT. ANGR.		
VERTICAL:	PROJ. ANGR.		
N/A	RECOMMENDED:		
FILE:	DEPUTY DIRECTOR		PUBLIC WORKS DIRECTOR
ATLAS PAGE NO:	DRAWING:		DATE 9/09
			SHEET 12 OF 26 SHEETS

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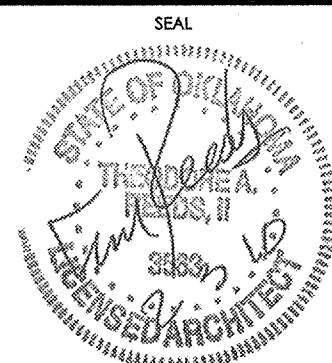
918.671.8762
reedsdesign@gmail.com



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REV.	DATE	DESCRIPTION
1	2/3/10	BUILDING SUBMITTAL SET
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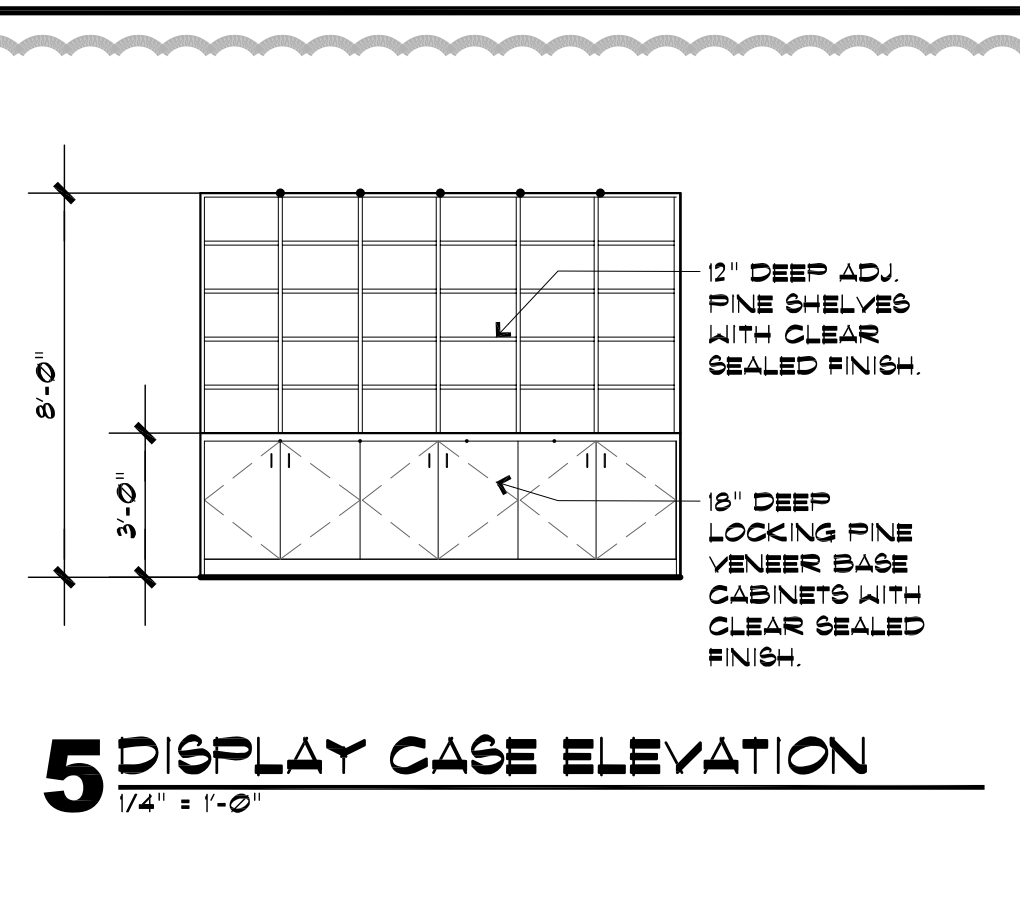
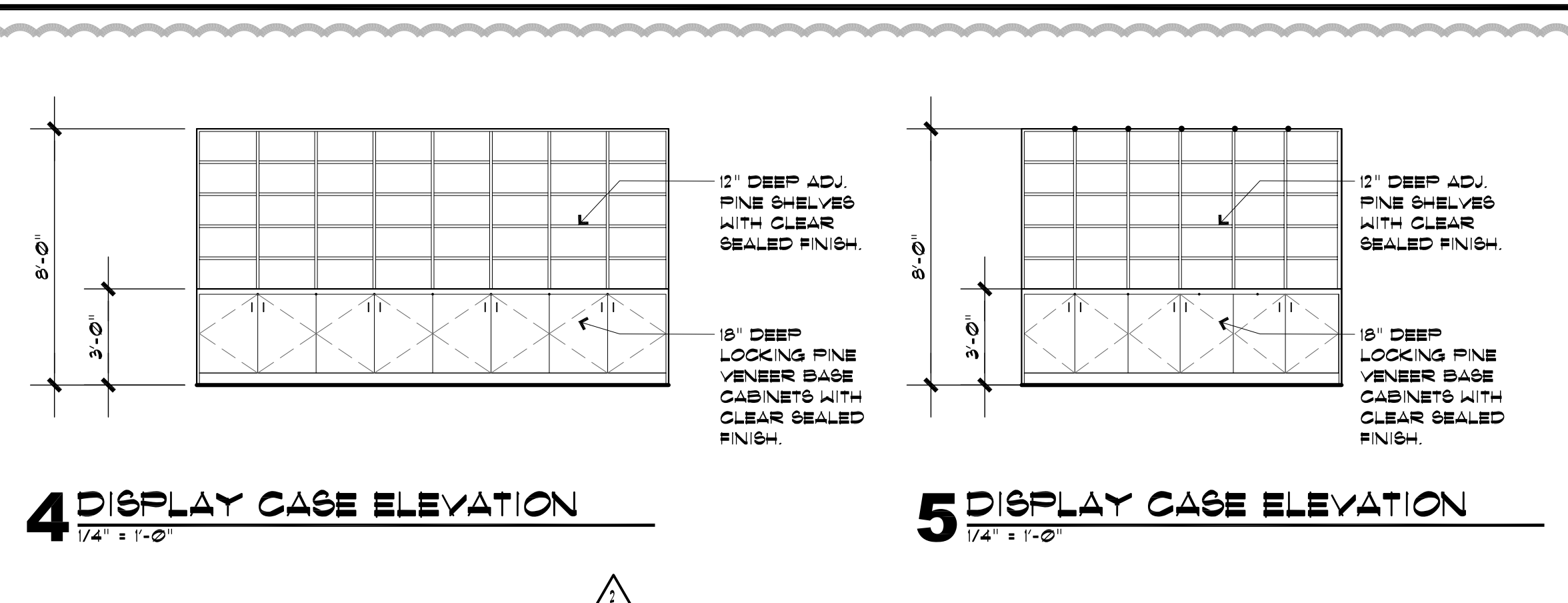
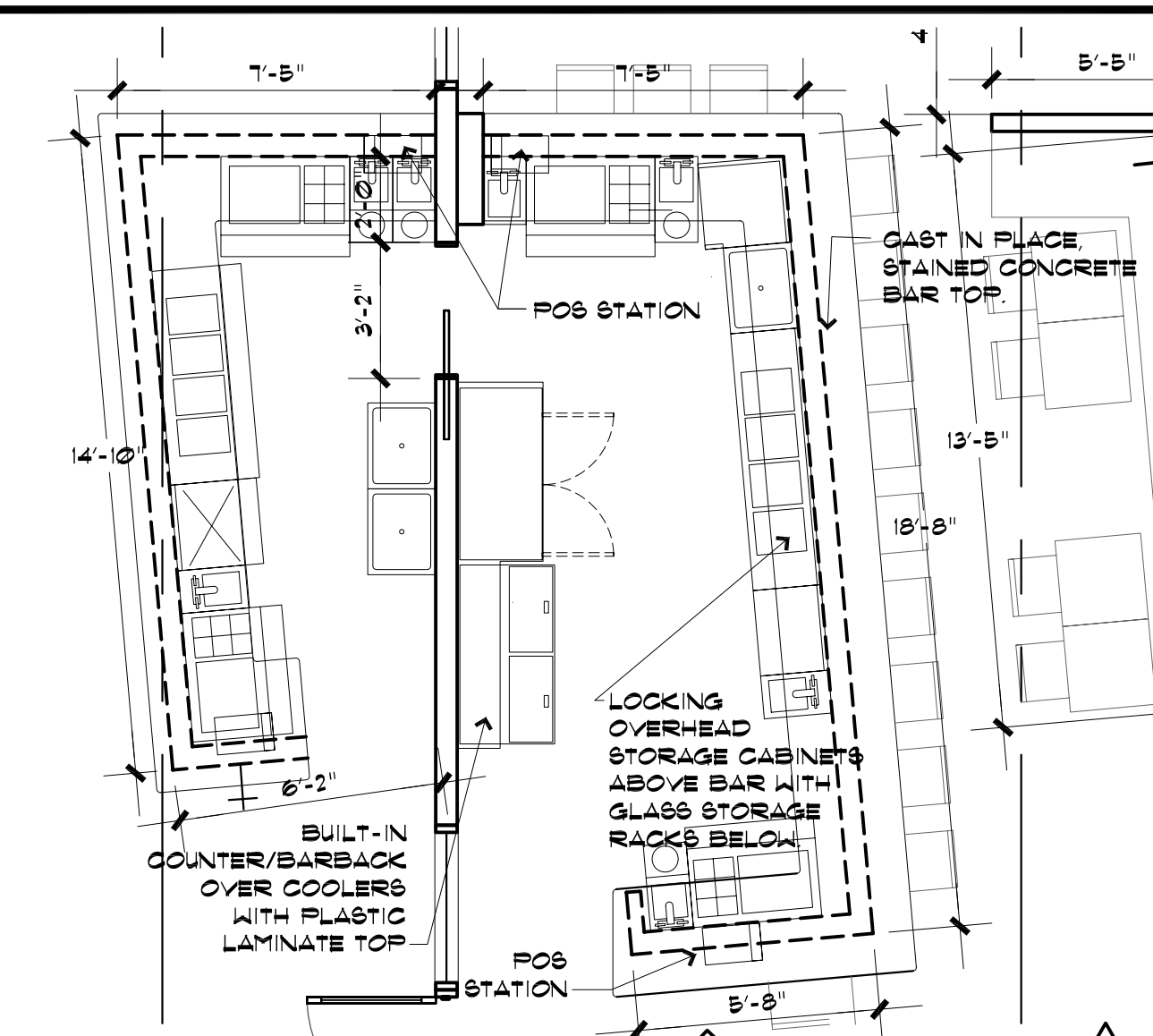
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SHEET NAME
LANDPLAN PLANTING
FOR REFERENCE ONLY

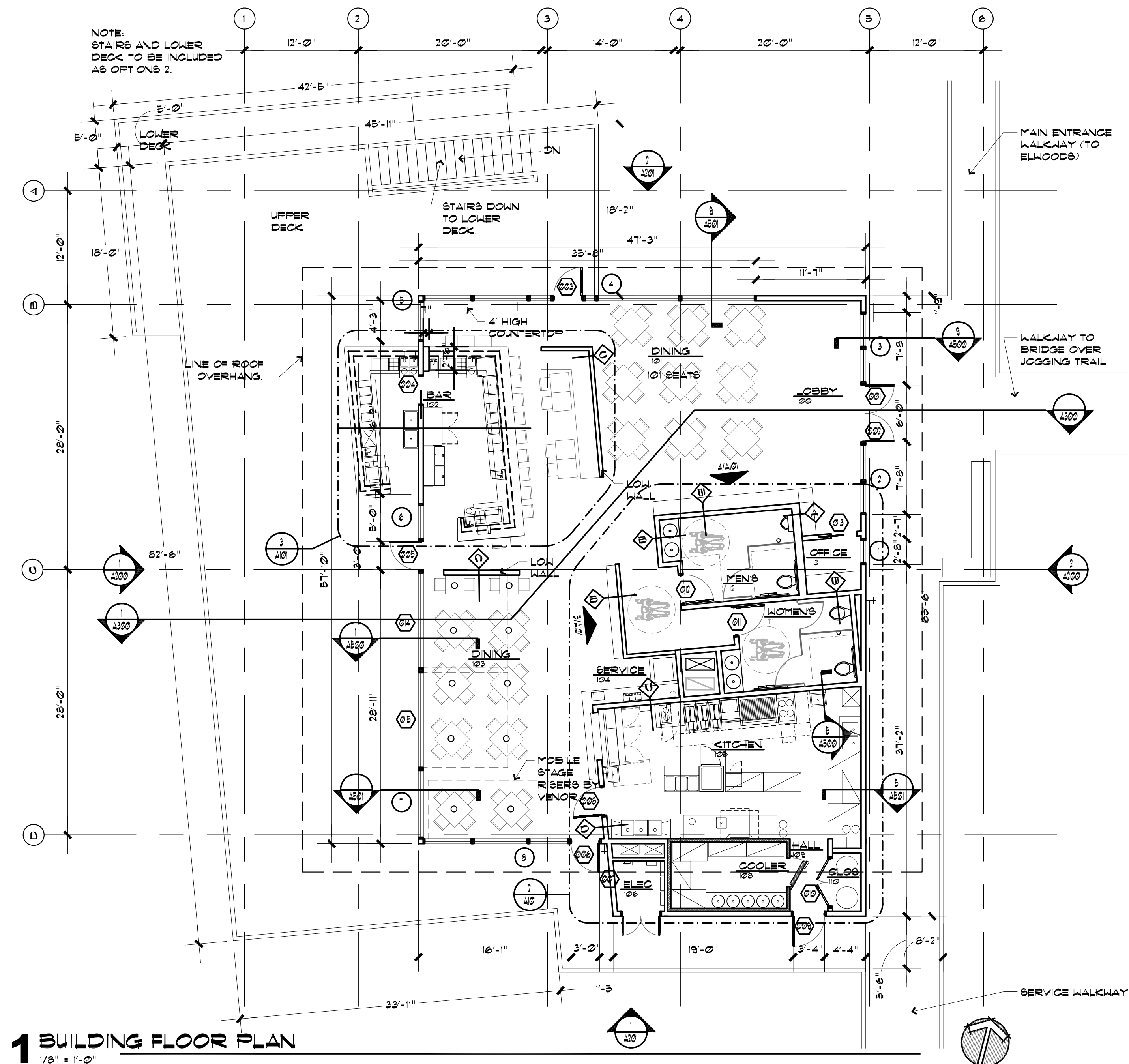
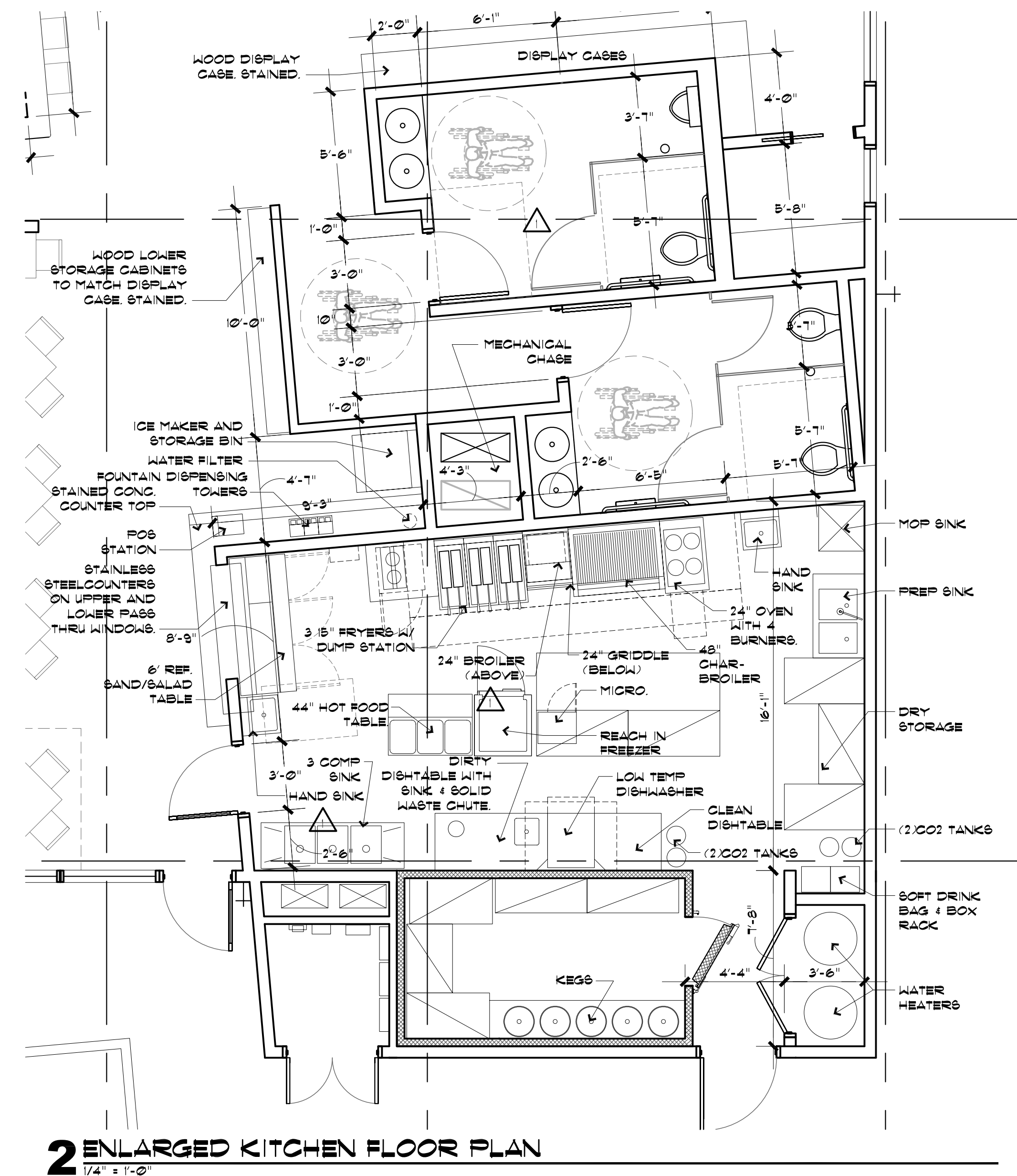
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PARTITION TYPES

- ② 10" METAL STUDS @ 16" O.C. WITH 5/8" MOISTURE RESISTANT GYP. BRD. ON RESTROOM SIDE AND 5/8" GYP. BRD. ON OPPOSITE SIDE. EXTEND TO BOTTOM OF DECK. SEE FINISH SCHEDULE FOR ADDITIONAL INFORMATION.
- ② 3 5/8" METAL STUDS @ 16" O.C. WITH 5/8" GYP. BRD. ON EACH SIDE. TOP OF WALL AT 4'-0" AFF. CAP WITH STAINED WOOD. SEE FINISH SCHEDULE FOR ADDITIONAL INFORMATION.
- ② 3 5/8" METAL STUDS @ 16" O.C. WITH 5/8" GYP. BRD. ON EACH SIDE. EXTEND TO 8'-0" AFF. SEE FINISH SCHEDULE FOR ADDITIONAL INFORMATION.
- ② 3 5/8" METAL STUDS @ 16" O.C. WITH 5/8" GYP. BRD. ON FRONT OF HOUSE SIDE AND 5/8" MOISTURE RESISTANT GYP. BRD. ON KITCHEN SIDE. EXTEND TO DECK. SEE FINISH SCHEDULE FOR ADDITIONAL INFORMATION.



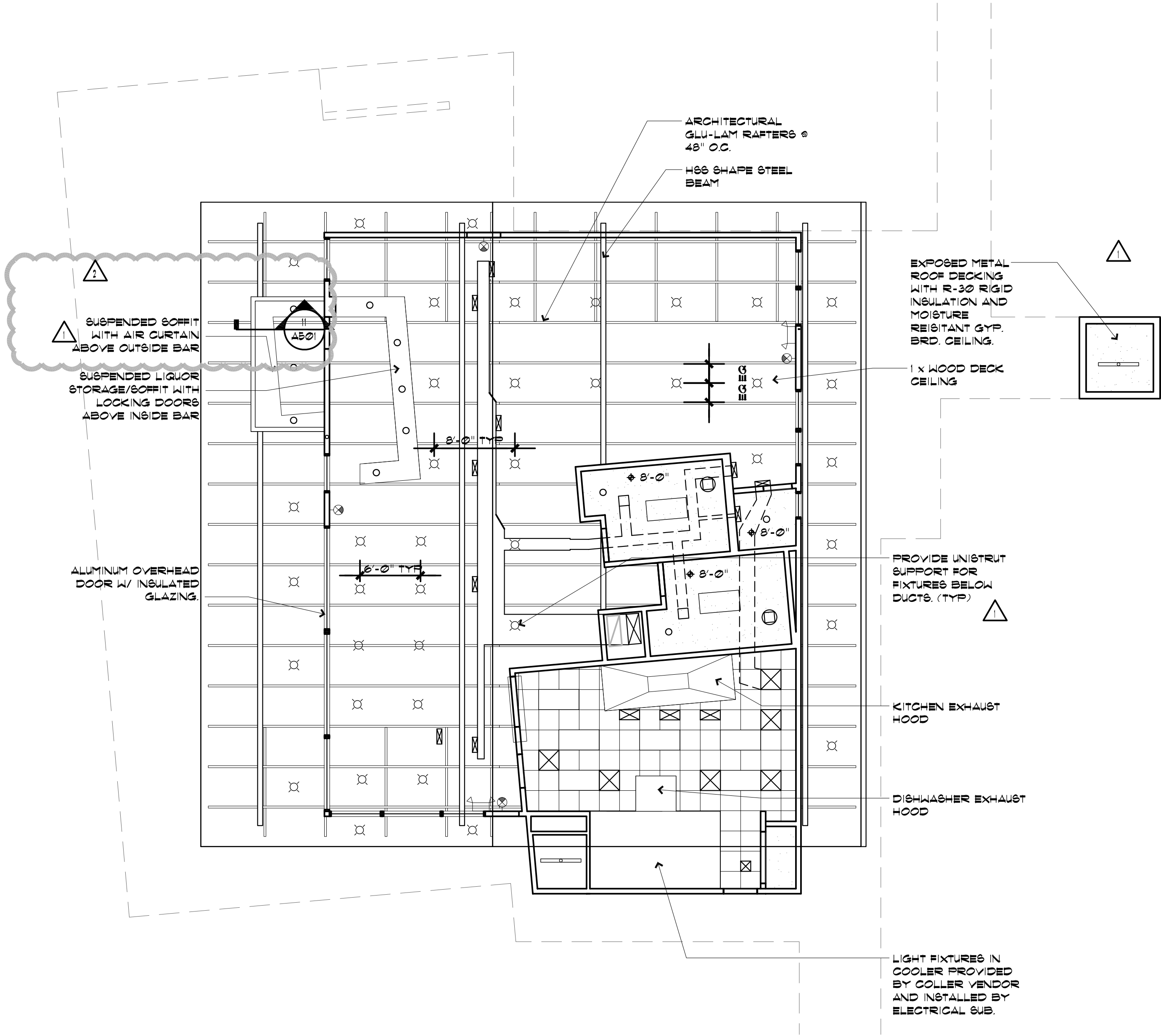
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1 ROOF PLAN
1/8" = 1'-0"



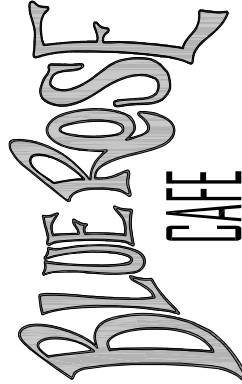
RCP LEGEND

- SUPPLY DIFFUSER
- RETURN GRILL
- SUSPENDED PENDANT LIGHT FIXTURE
- WALL MOUNTED EXIT LIGHT
- EMERGENCY BATTERY LIGHT
- GYP BOARD CEILING
- 4' FLOURESCENT STRIP LIGHT FIXTURE
- CAN LIGHT
- 2x4 RECESSED FLUORESCENT FIXTURE



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REV.	DATE	DESCRIPTION
1	2/3/10	PERMIT SUBMITTAL SET
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12/16/09

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REFLECTED CEILING PLAN

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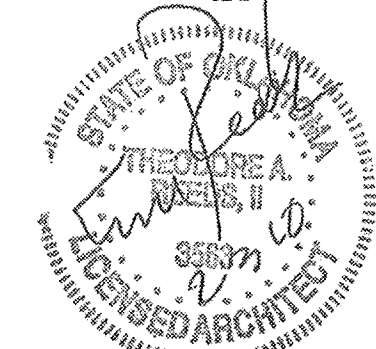
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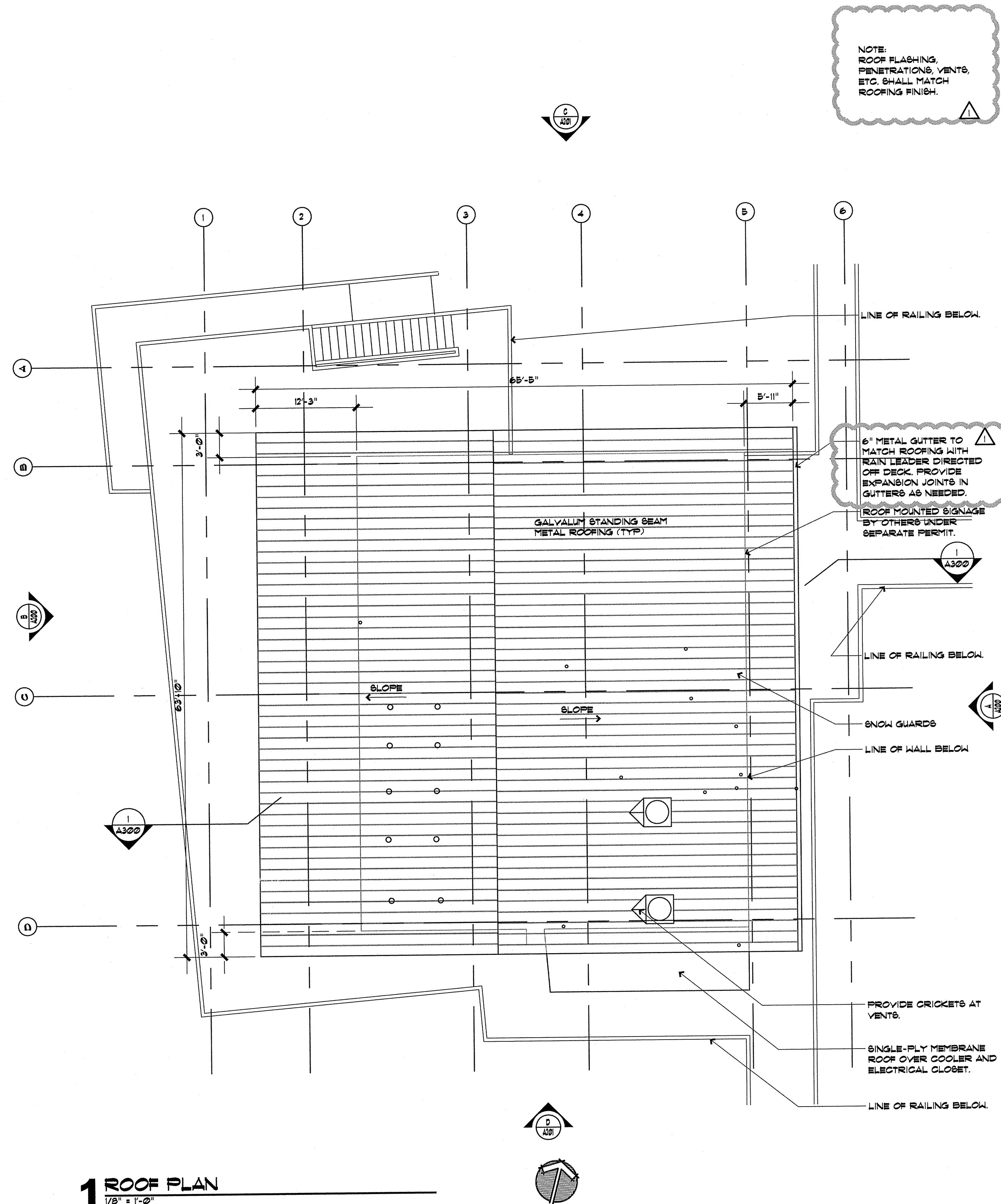


SHEET NAME
ROOF PLAN

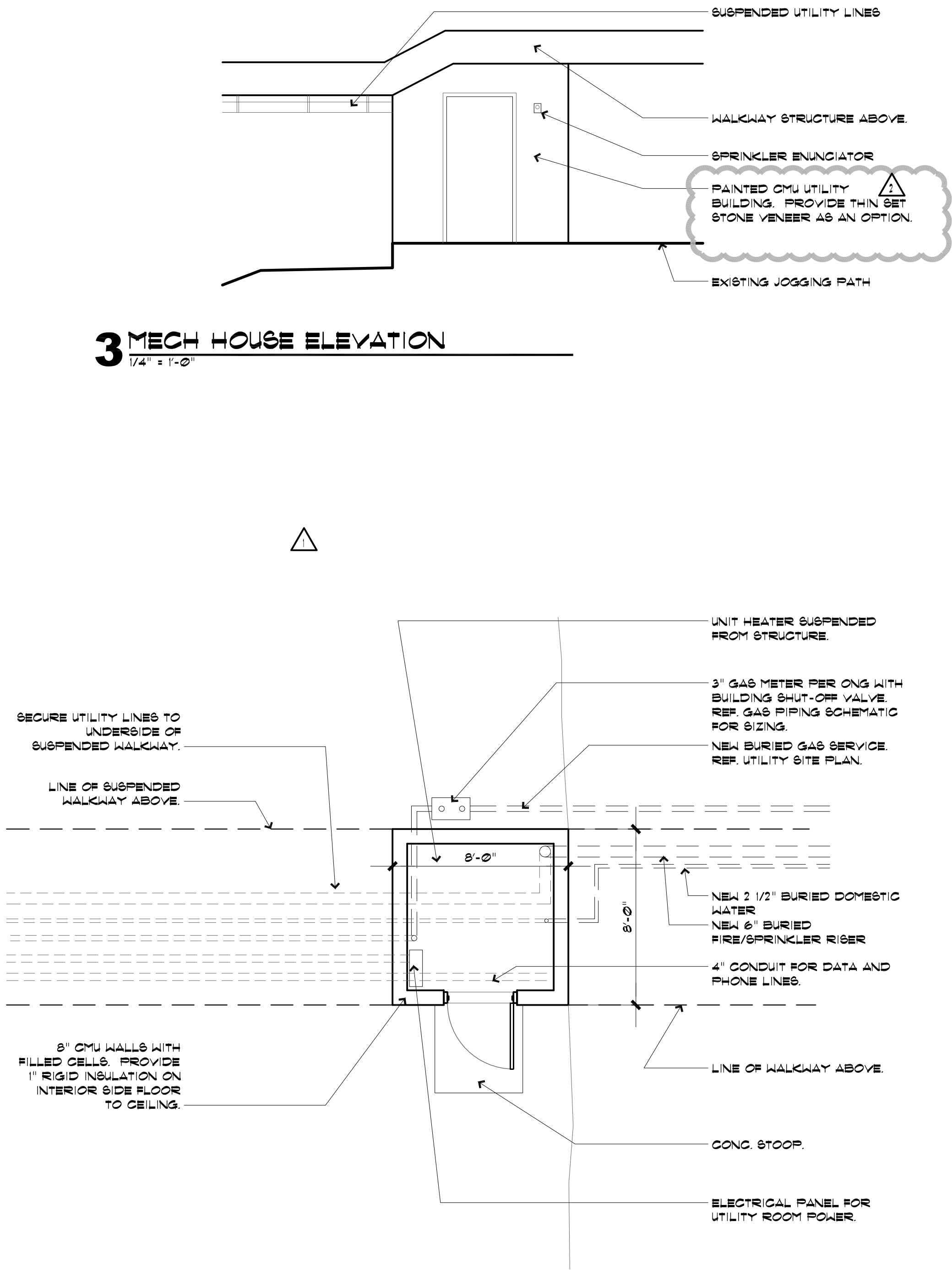
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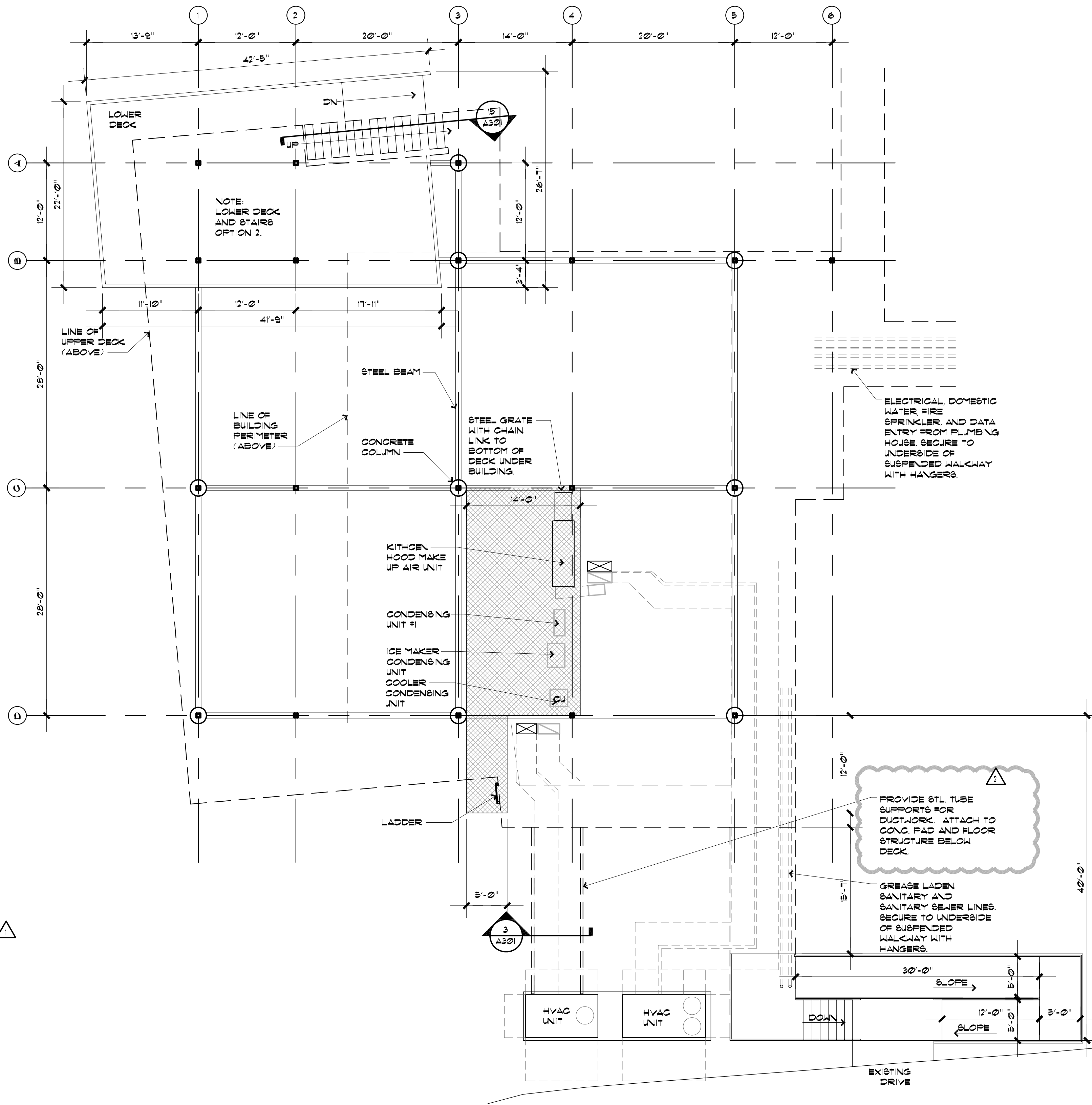
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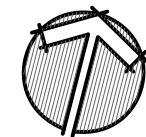
3 MECH HOUSE ELEVATION
1/4" = 1'-0"



2 MECH HOUSE PLAN
1/4" = 1'-0"



1 LOWER DECK PLAN
1/8" = 1'-0"



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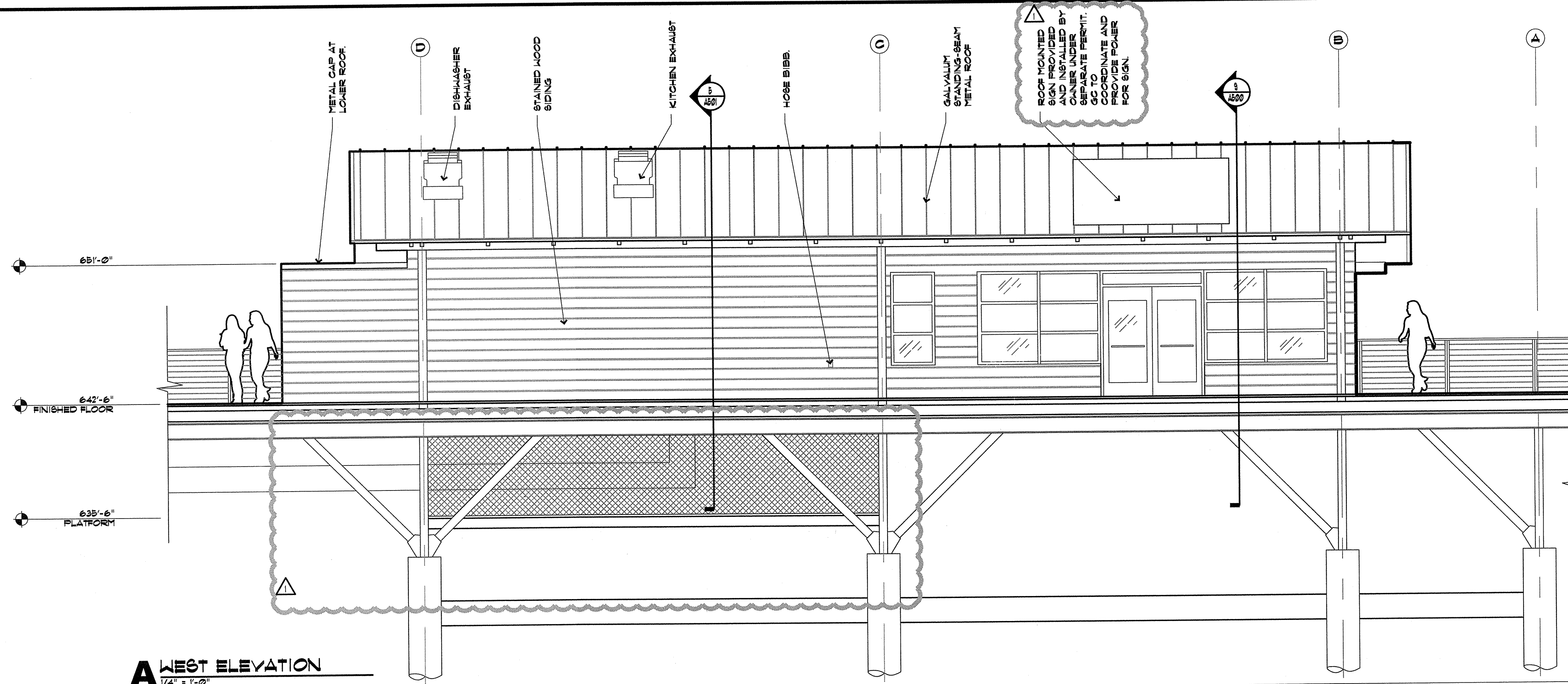
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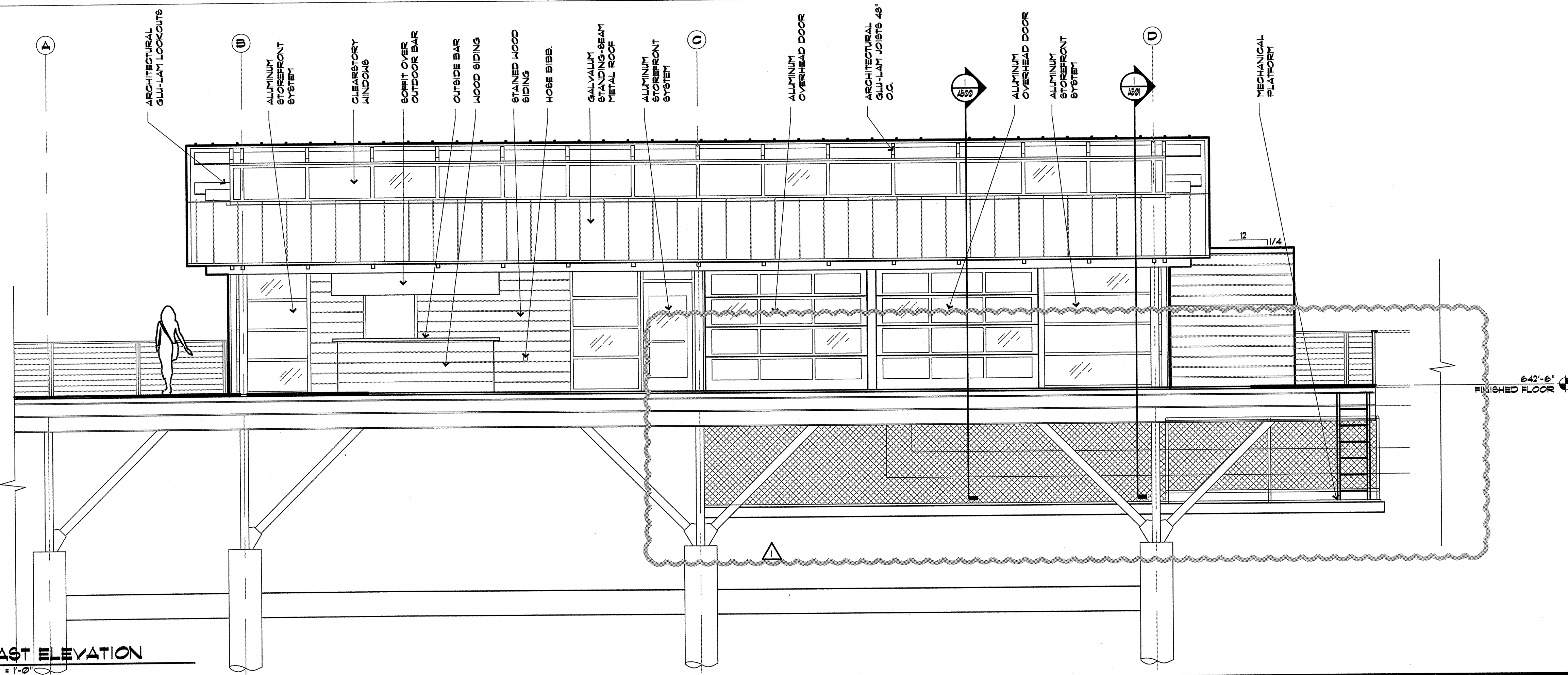
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LOWER DECK PLAN

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A105



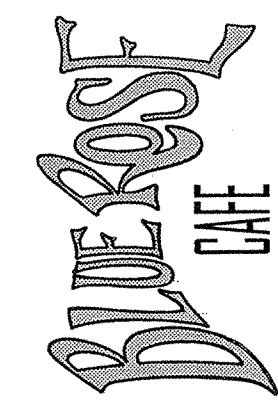
WEST ELEVATION
1/4" = 1'-0"



EAST ELEVATION
1/4" = 1'-0"

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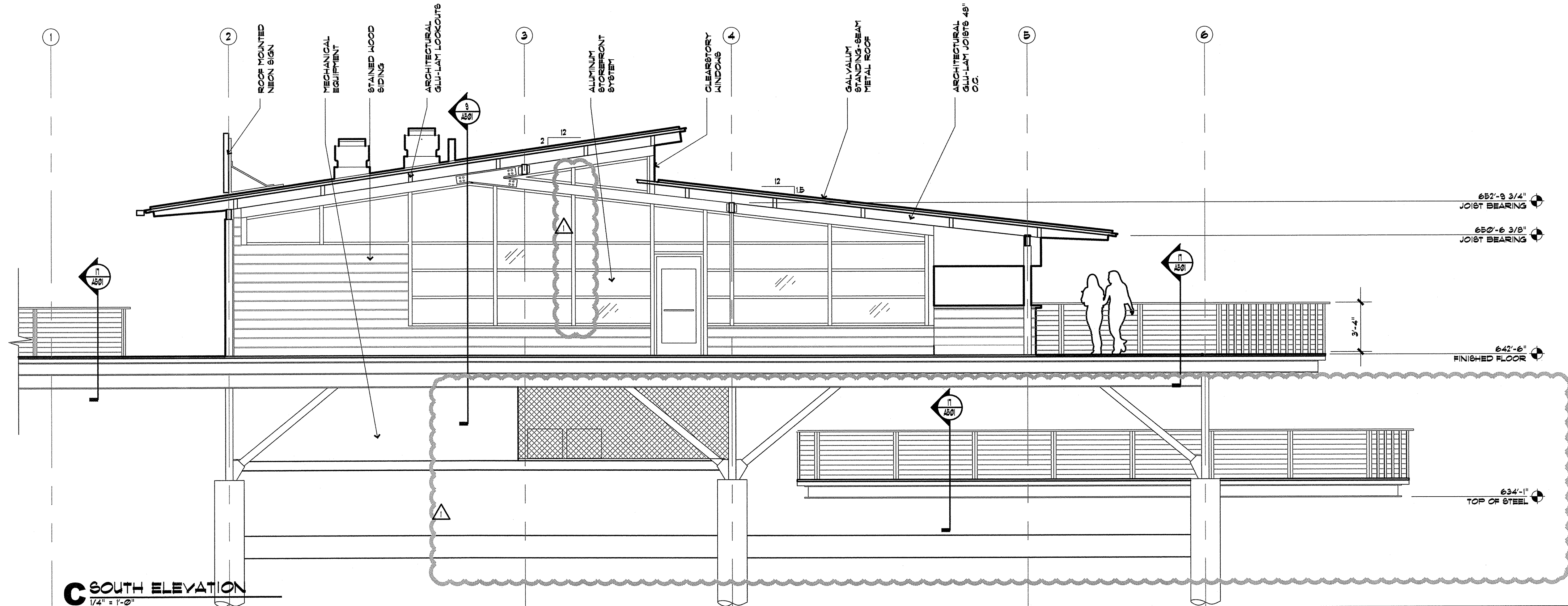
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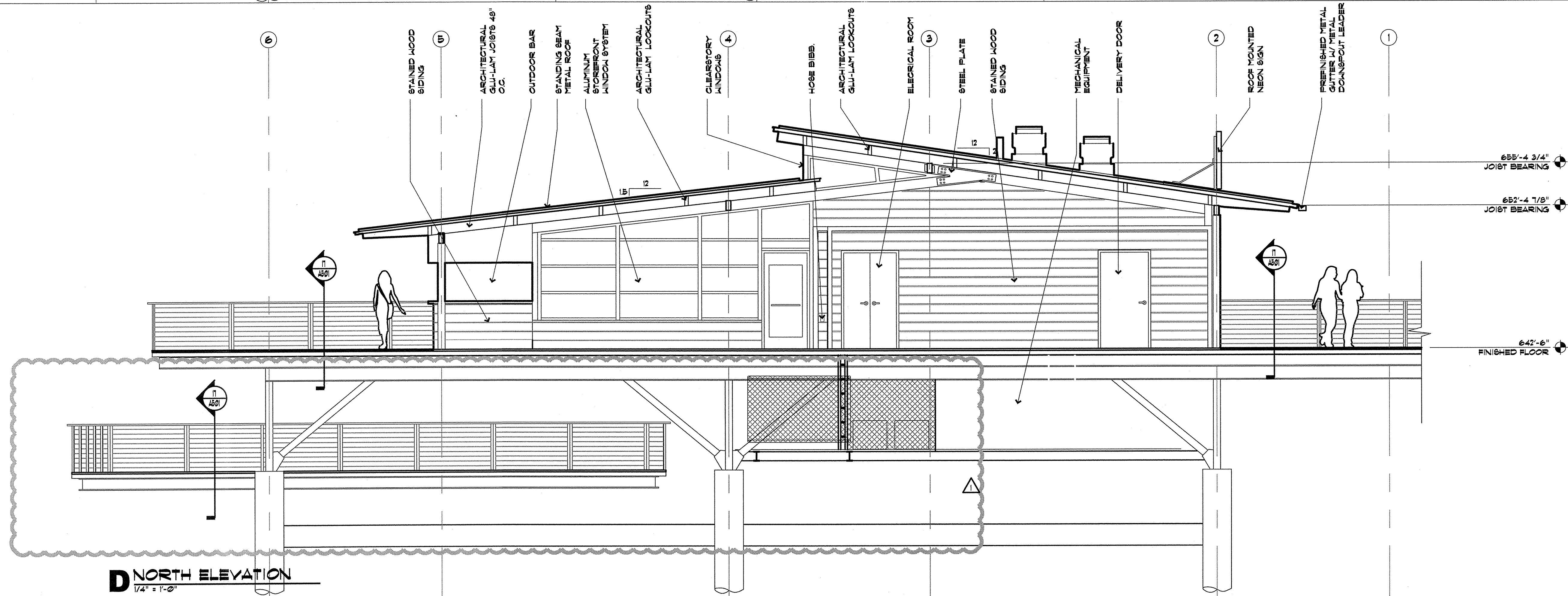


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SHEET NUMBER
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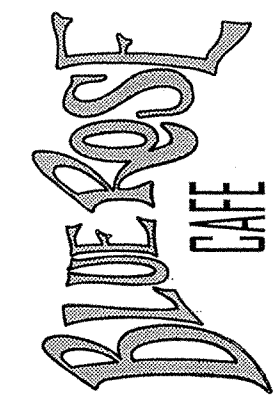


C SOUTH ELEVATION
1/4" = 1'-0"



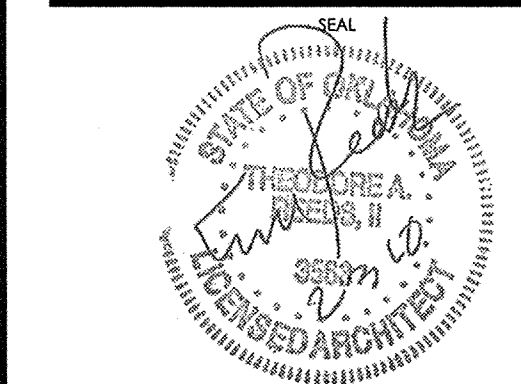
D NORTH ELEVATION
1/4" = 1'-0"

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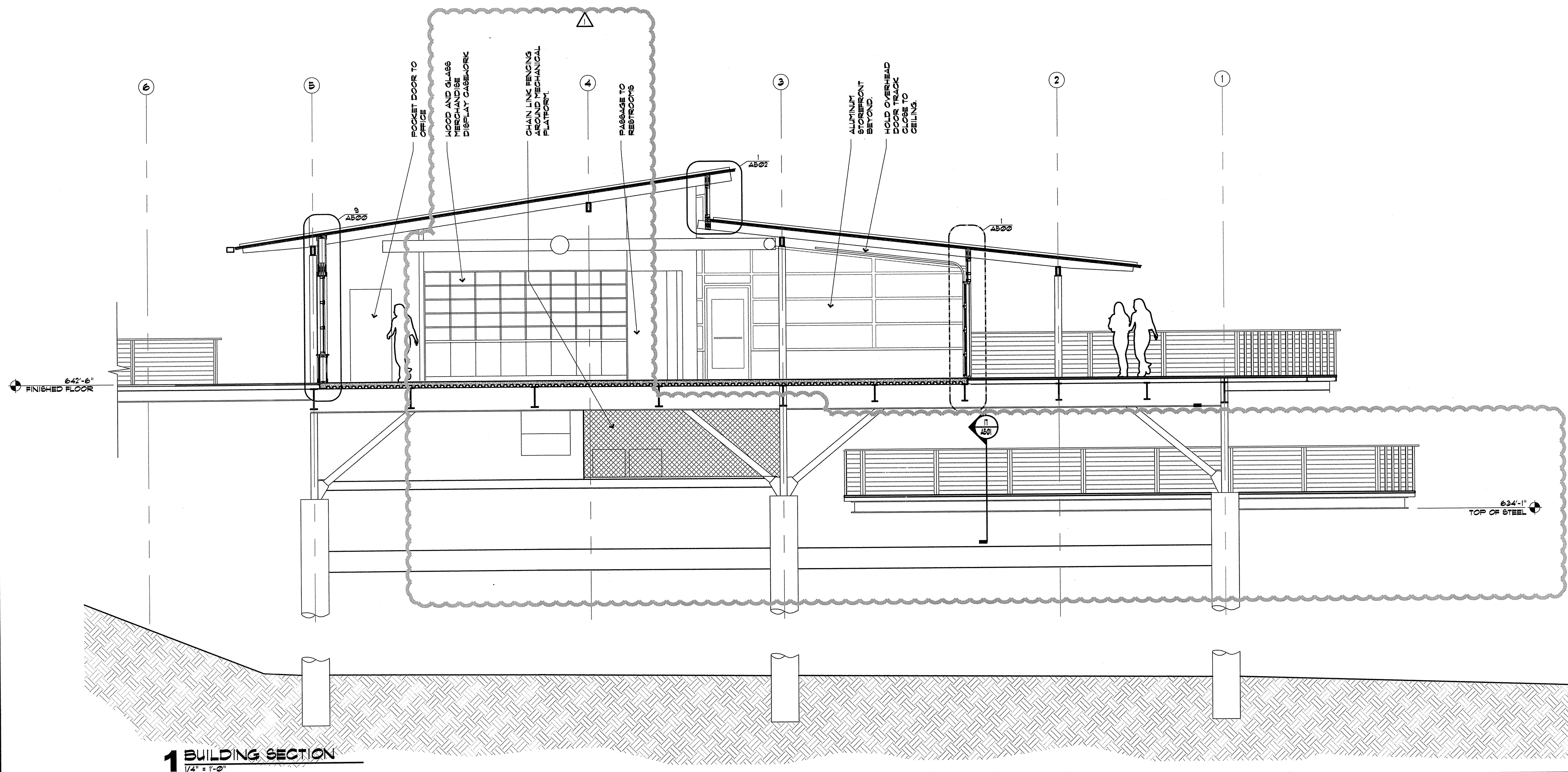
Blue Rose Cafe
1940 South Riverside Drive West
Tulsa, OK 74137

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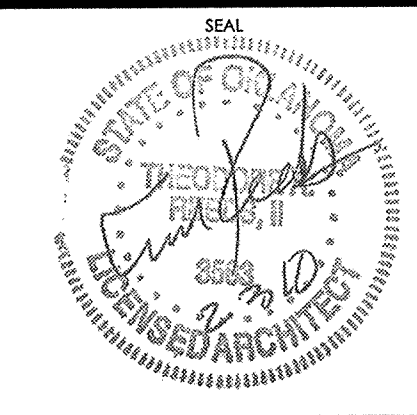
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BLUE ROSE
CAFE

Blue Rose Cafe
1940 South Riverside Drive West
Tulsa, OK 74137

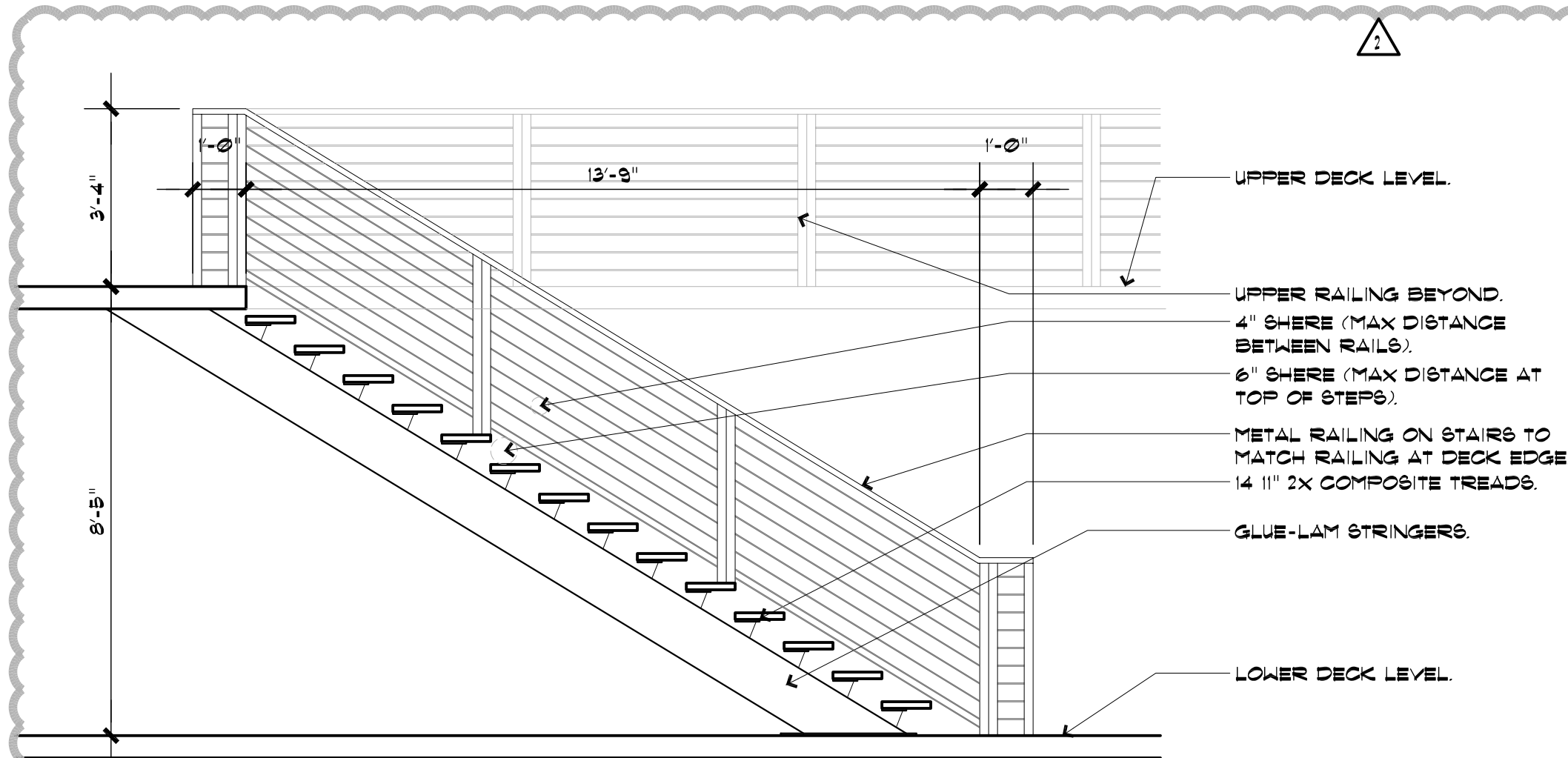
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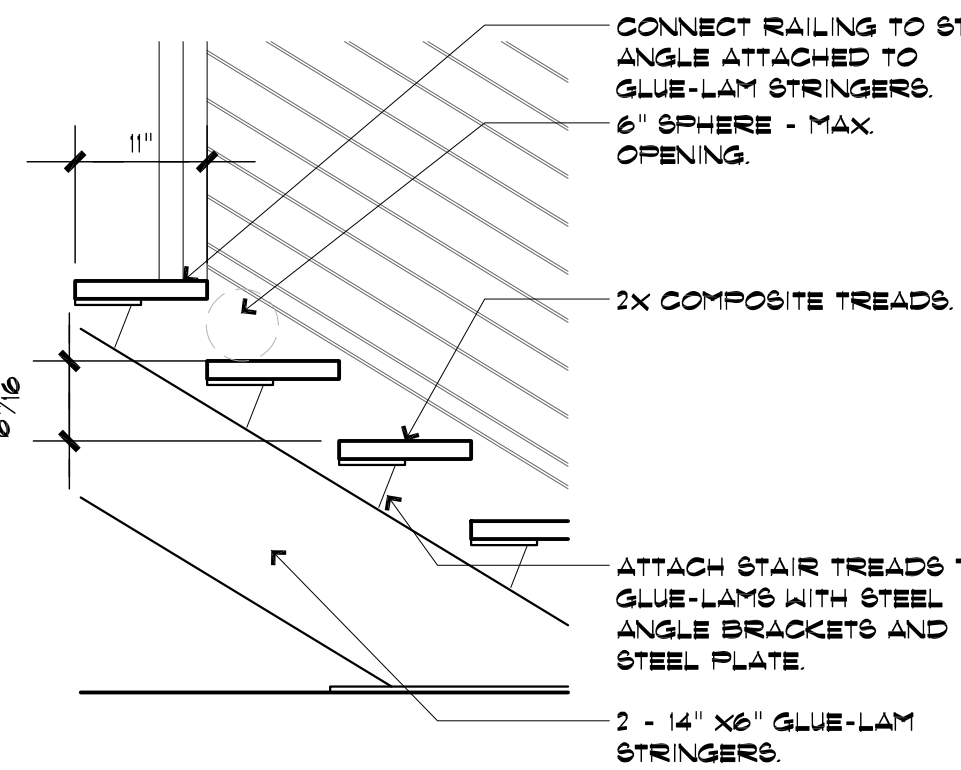
SHEET NAME
BUILDING SECTION

SHEET NUMBER
A300



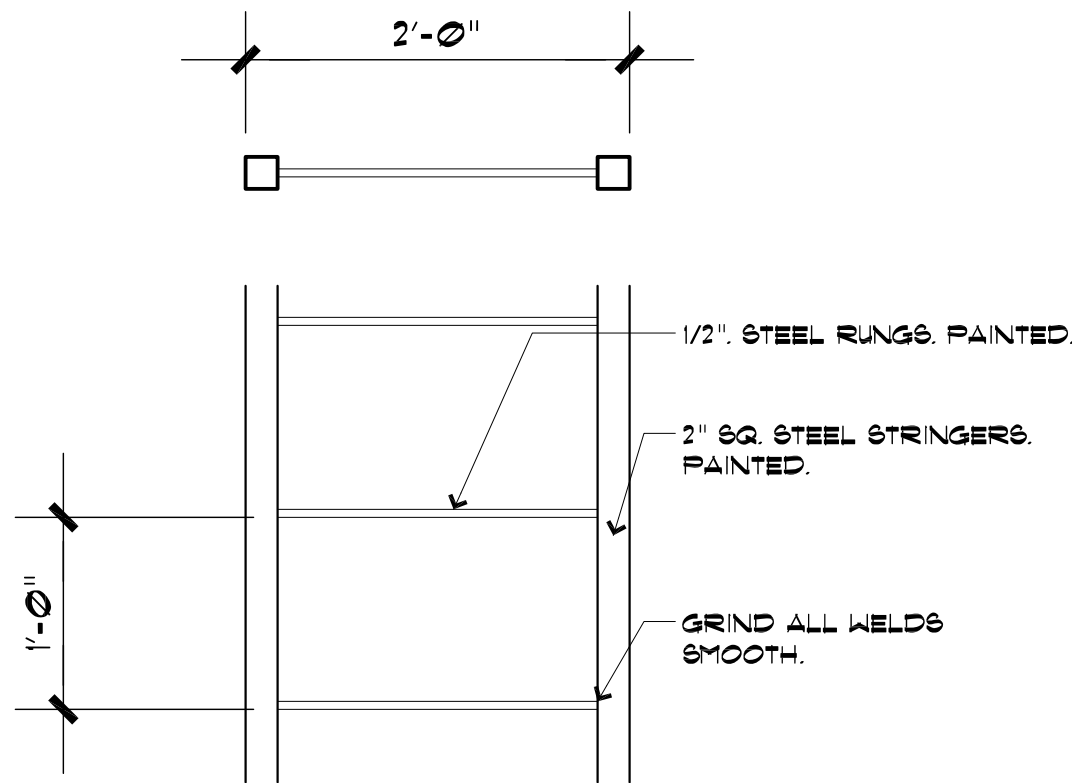
15 STAIR SECTION
3/8"=1'-0"

STAIR SECT



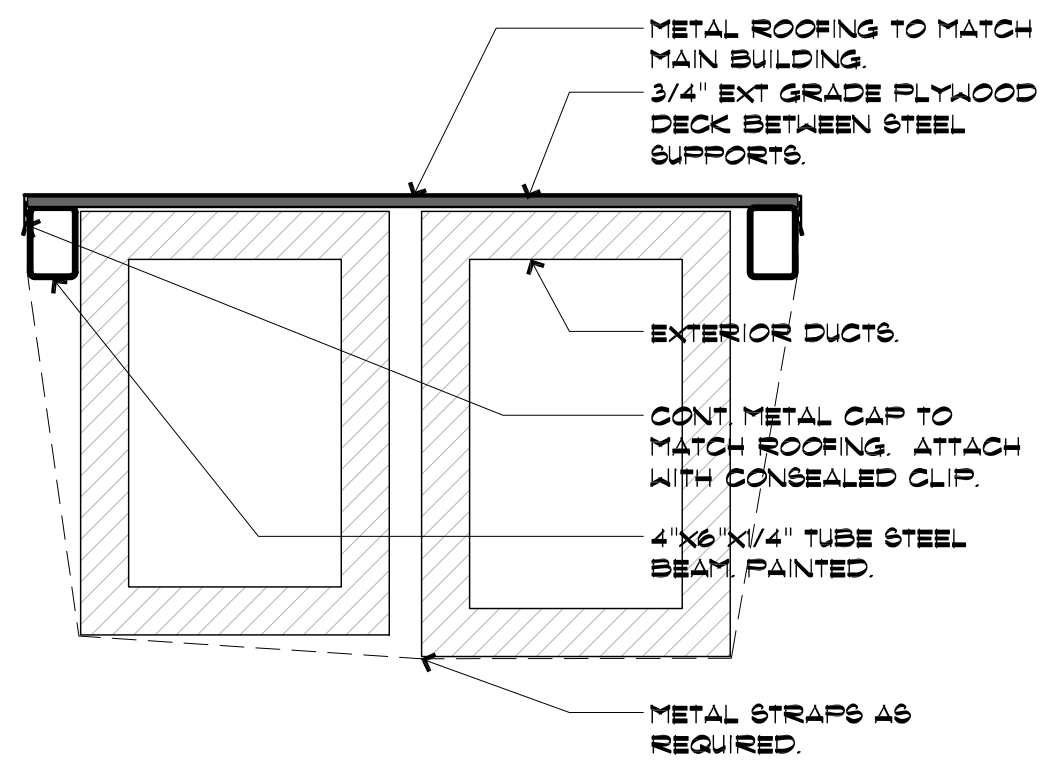
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STAIR DET 1



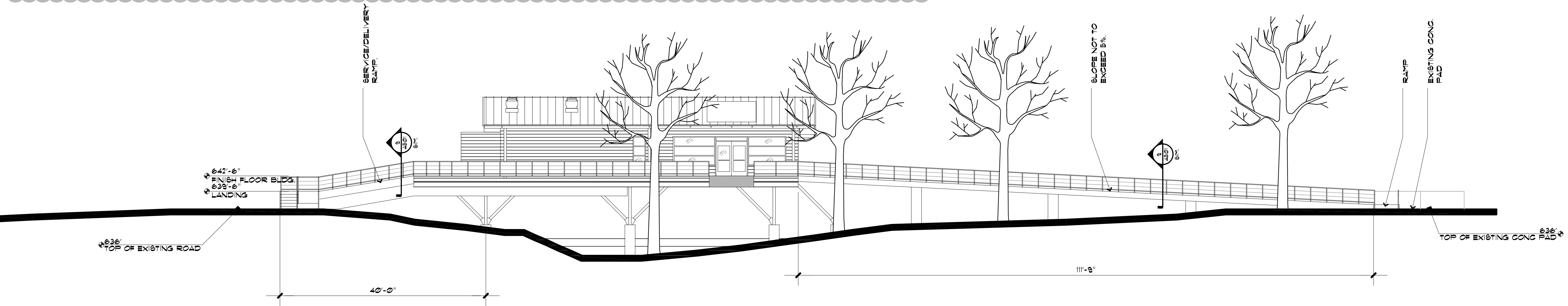
6 MECH LADDER DETAIL
1"=1'-0"

LADDER DET 1



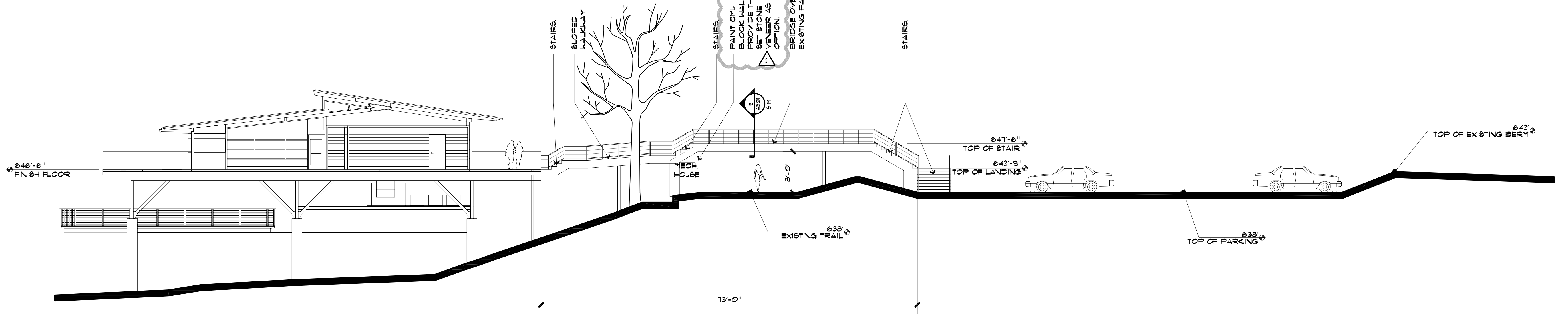
3 EXTERIOR DUCT CAP DETAIL
3/4"=1'-0"

CAP DET 1



14 SITE SECTION
3/32"=1'-0"

3/32"=1'-0"



13 SITE SECTION
3/32"=1'-0"

3/32"=1'-0"

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2872 EAST 35th PLACE
TULSA, OK 74105
918.671.8762
reedsdesign@gmail.com

BLUE ROSE
CAFE

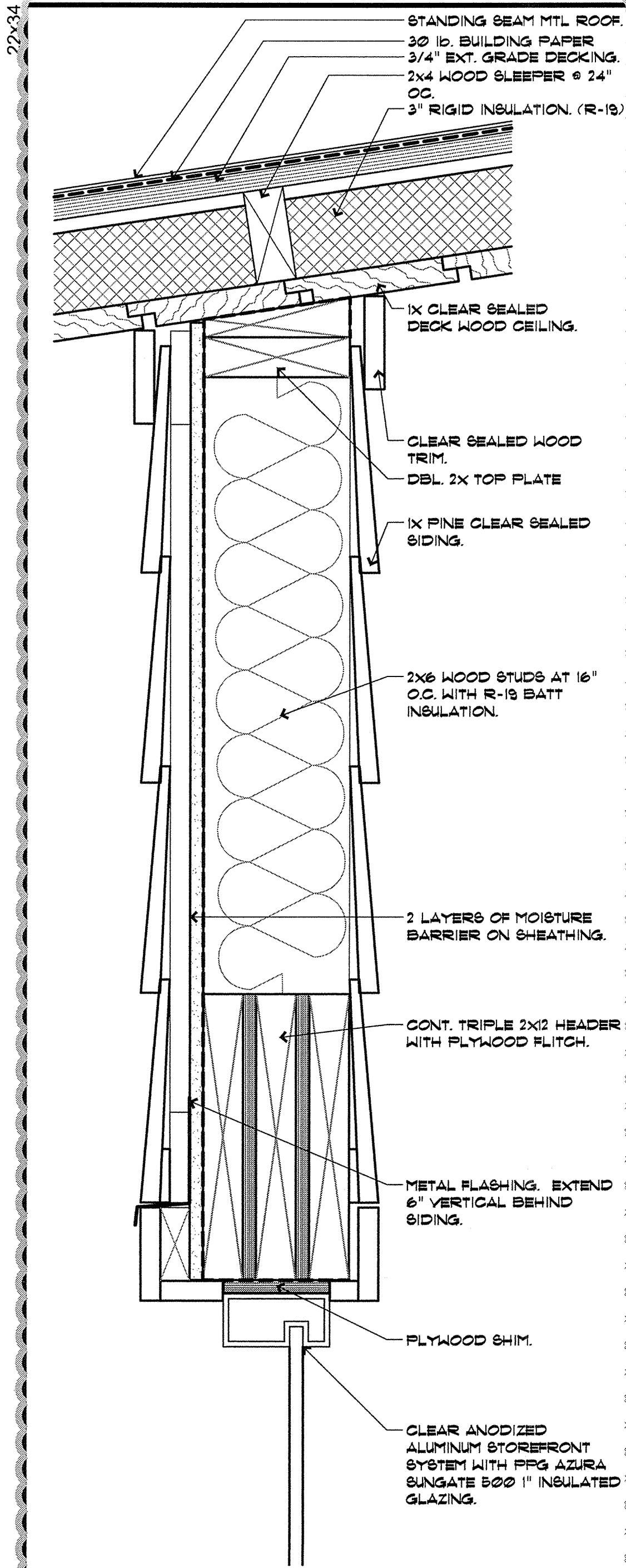
Blue Rose Cafe
1940 South Riverside Drive West
Tulsa, OK 74137

REV.	DATE	DESCRIPTION
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2	2/8/10	OWNER COMMENTS
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ISSUE DATE 1/19/10 PERMIT RESPONSE		
PROJECT NUMBER		
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SEAL		

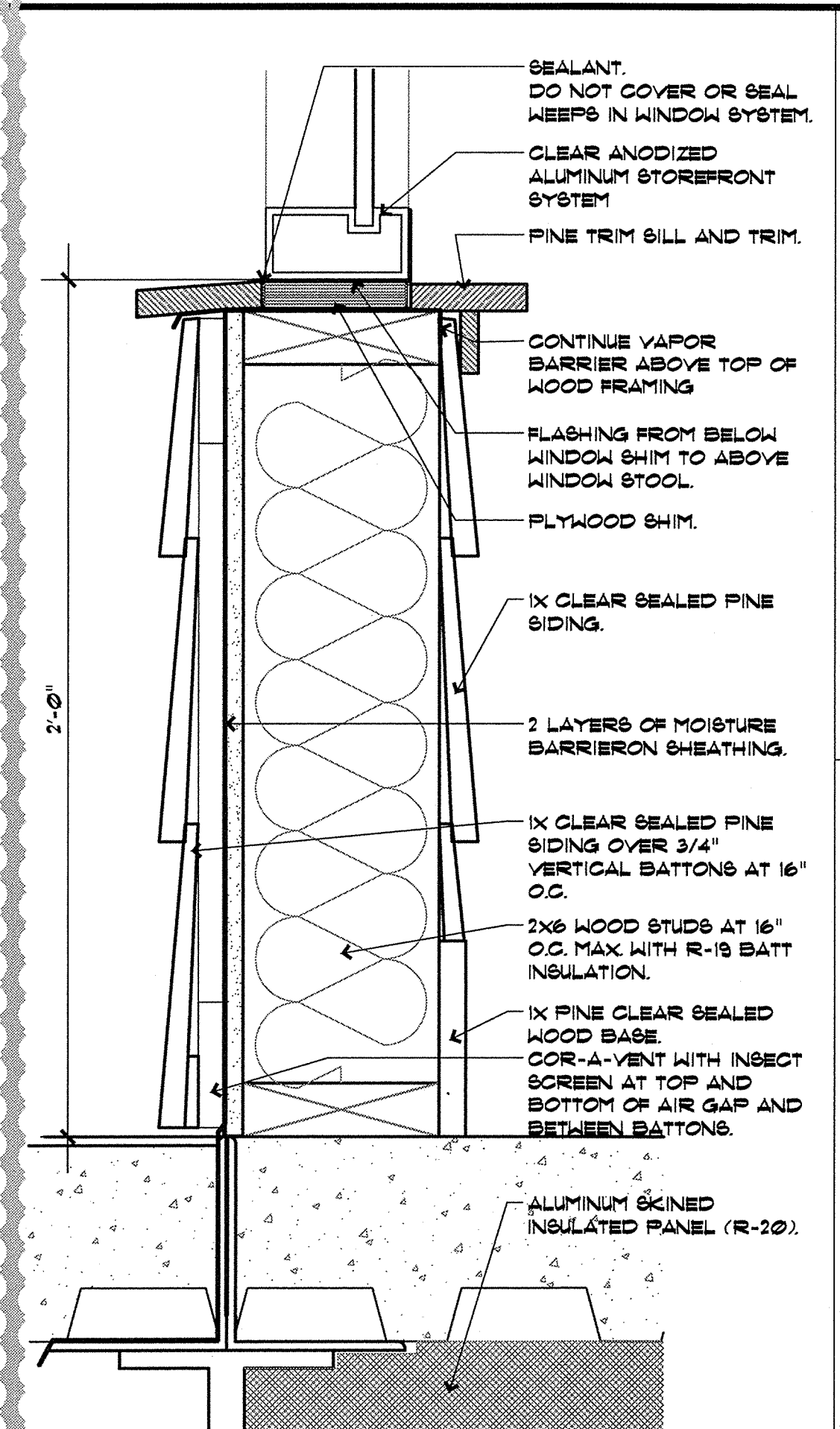
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SITE SECTIONS

SHEET NUMBER

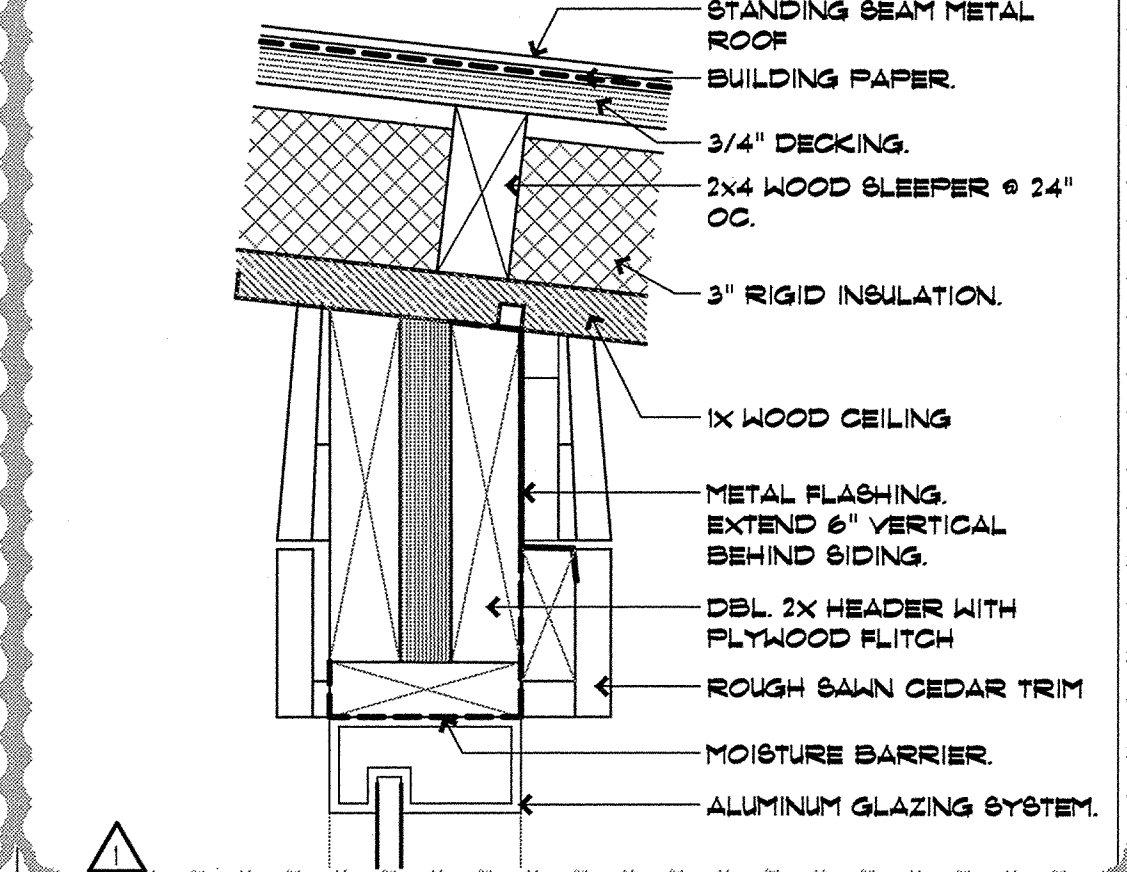
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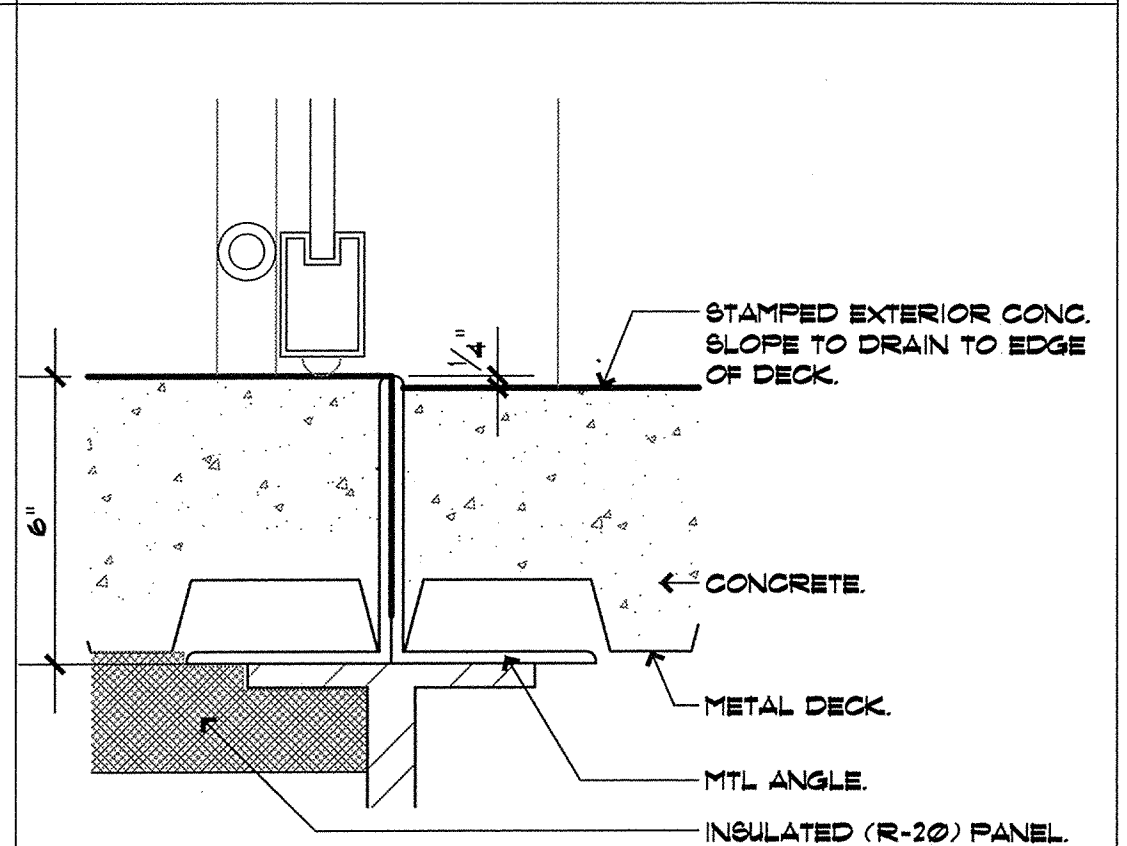
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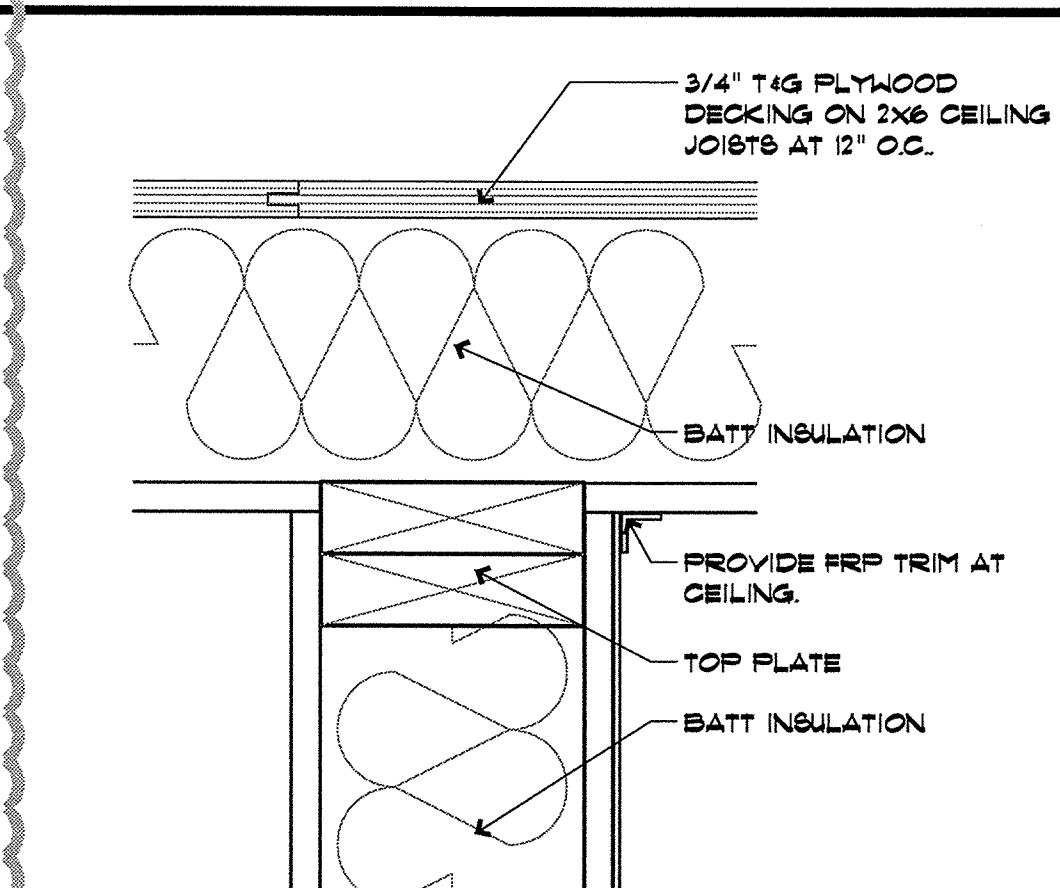
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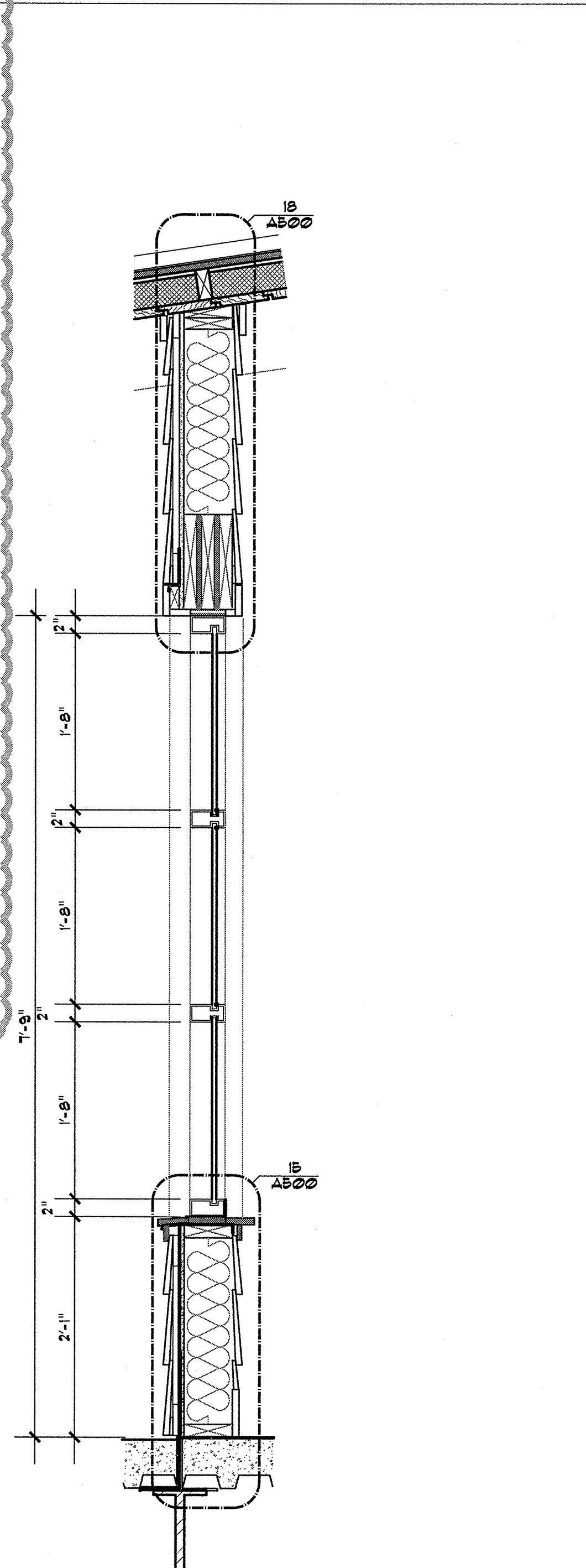
14 CEILING JOIST DETAIL
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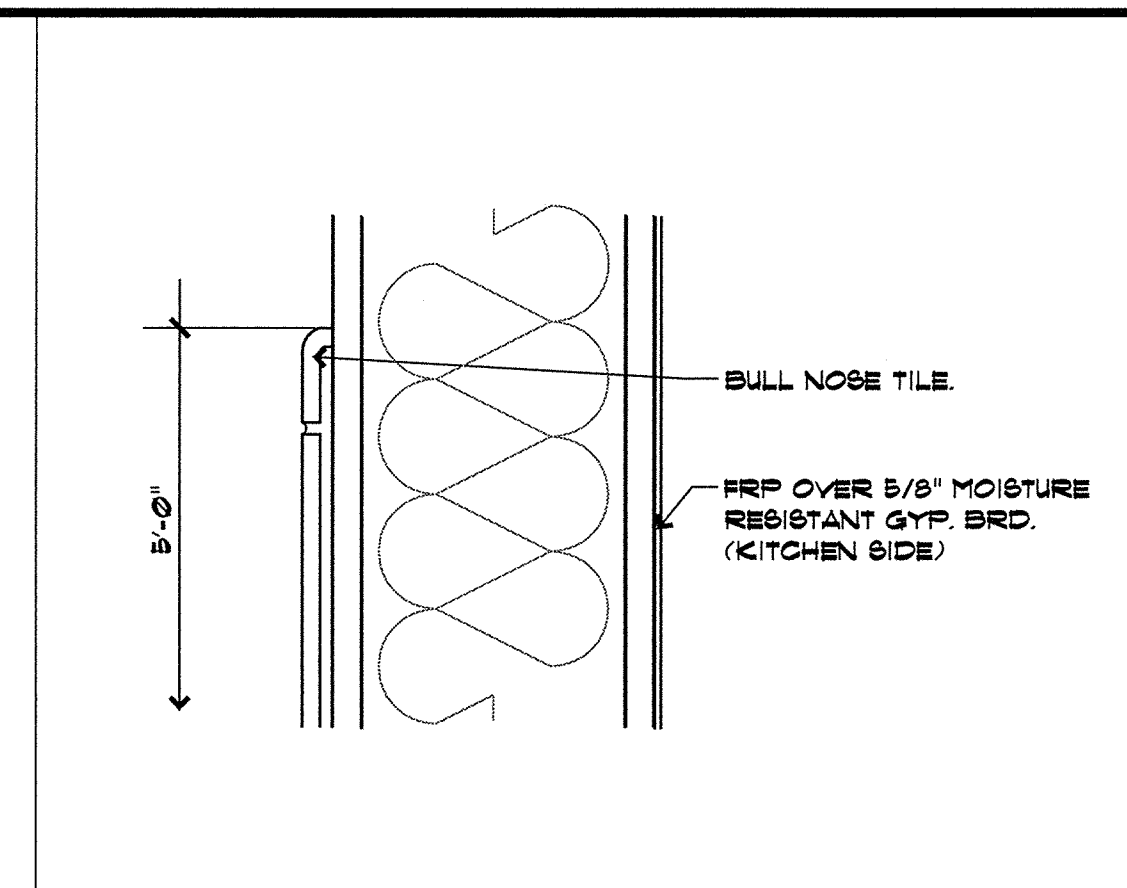
13 BASE DETAIL
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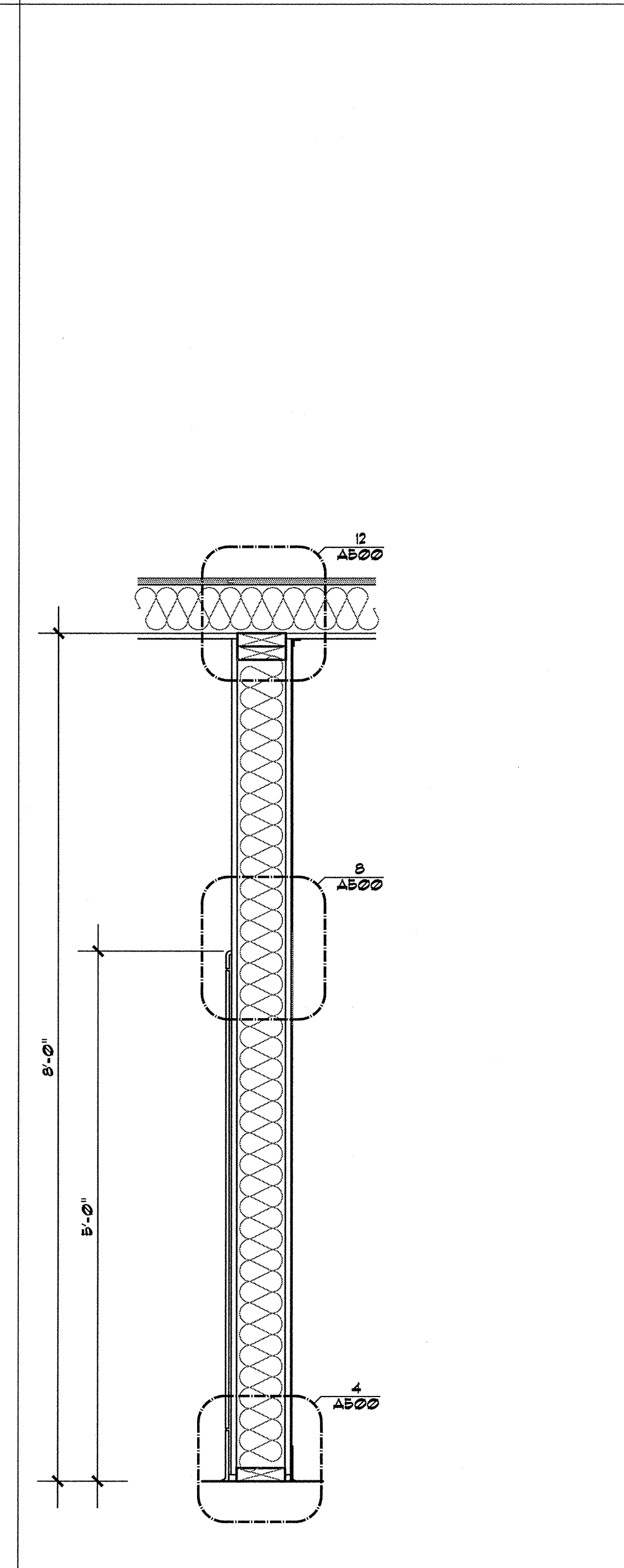
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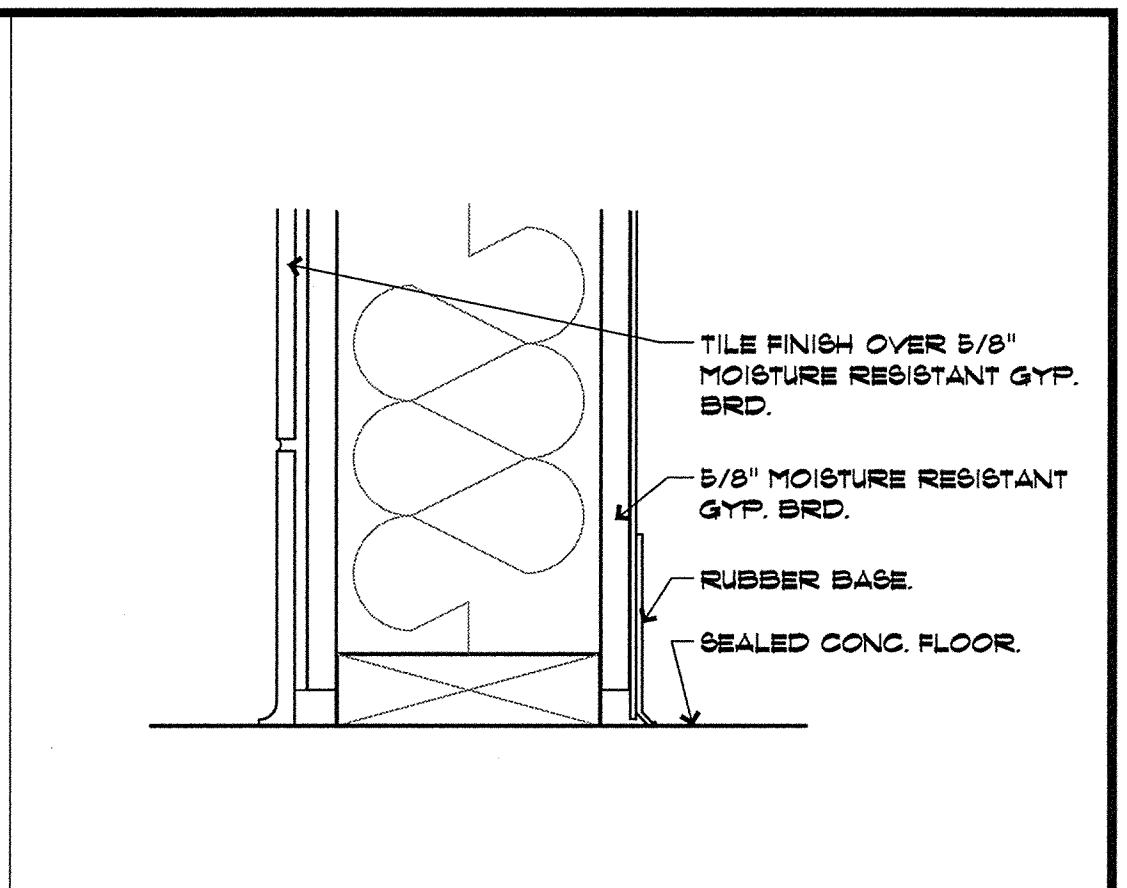
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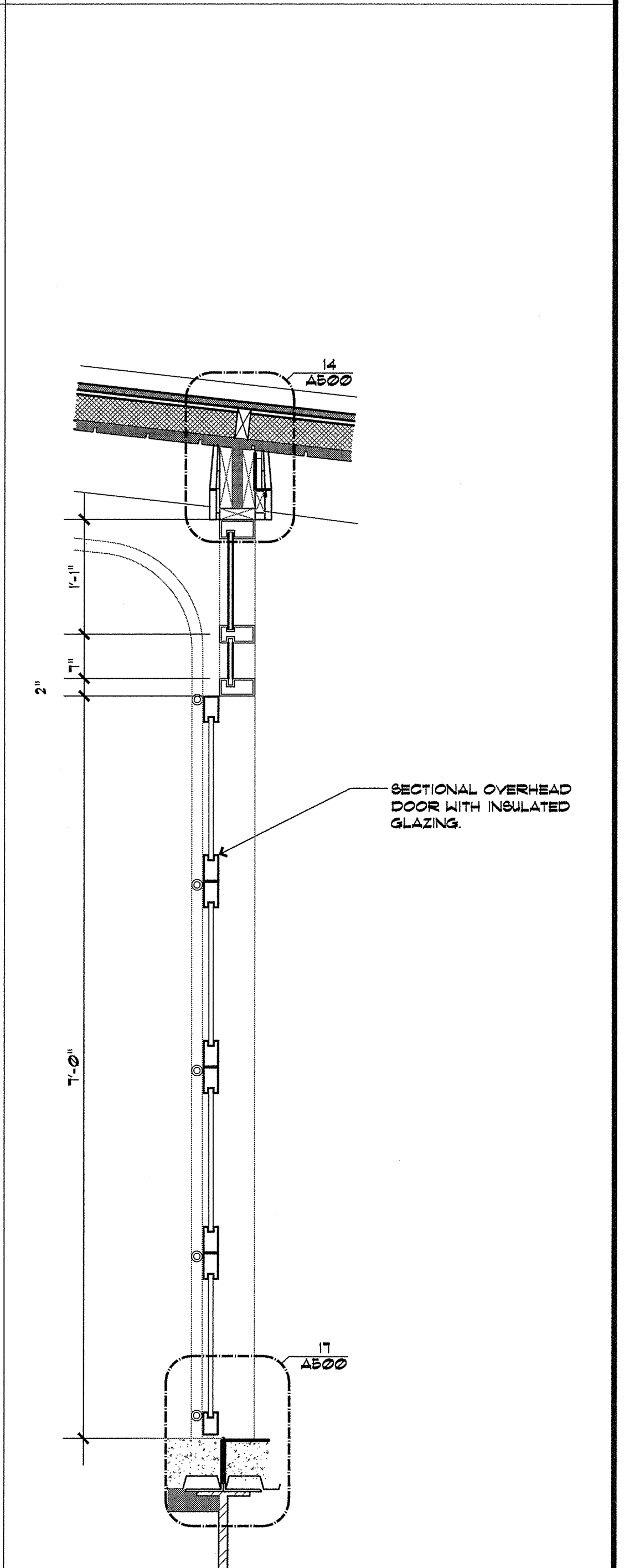
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5 INTERIOR WALL SECTION
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4 BASE DETAIL
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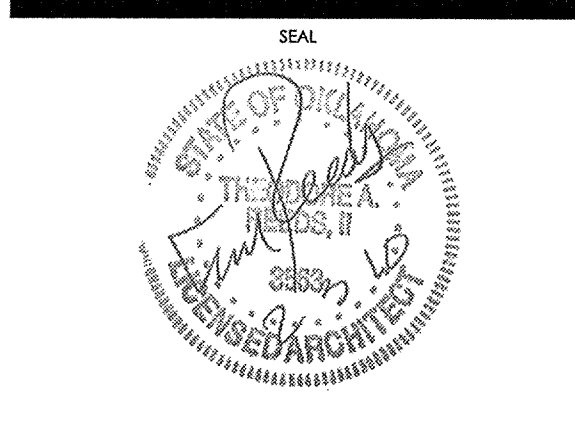


1 WALL SECTION
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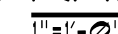
Blue Rose Cafe
1940 South Riverside Drive West
Tulsa, OK 74137

REV.	DATE	DESCRIPTION
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SHEET NAME
DETAILS

SHEET NUMBER
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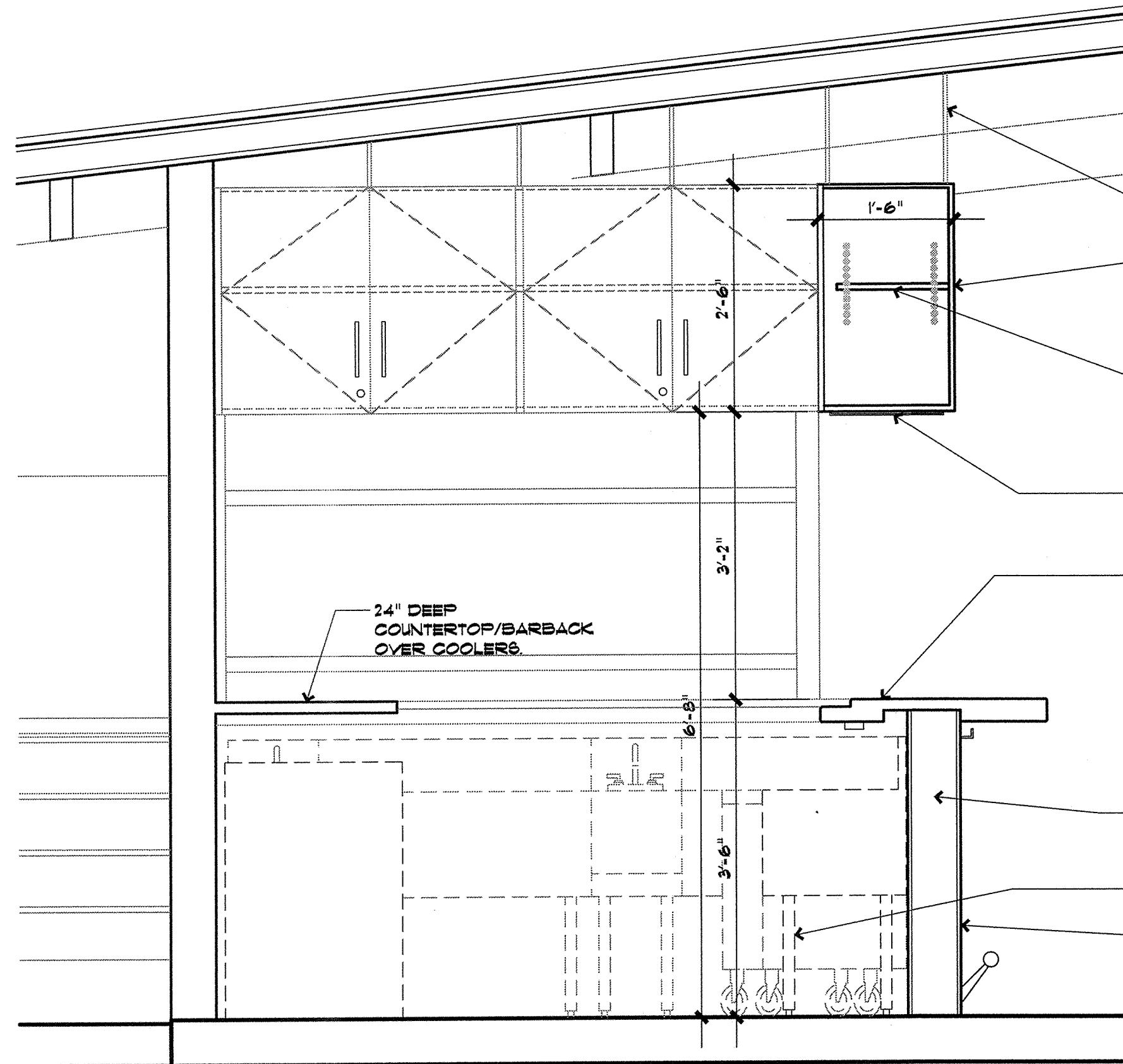
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DETAILS

SHEET NUMBER

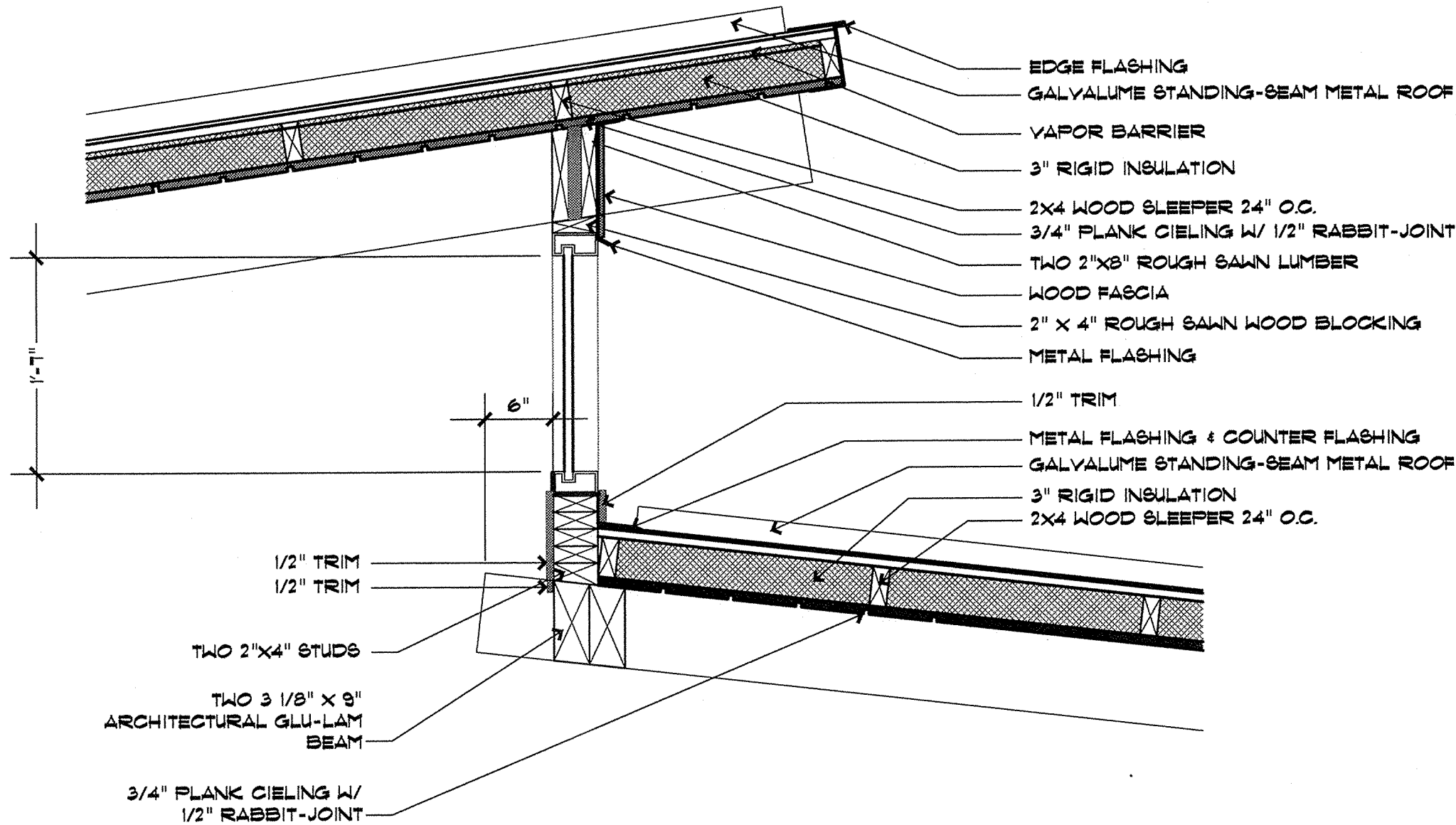
A501

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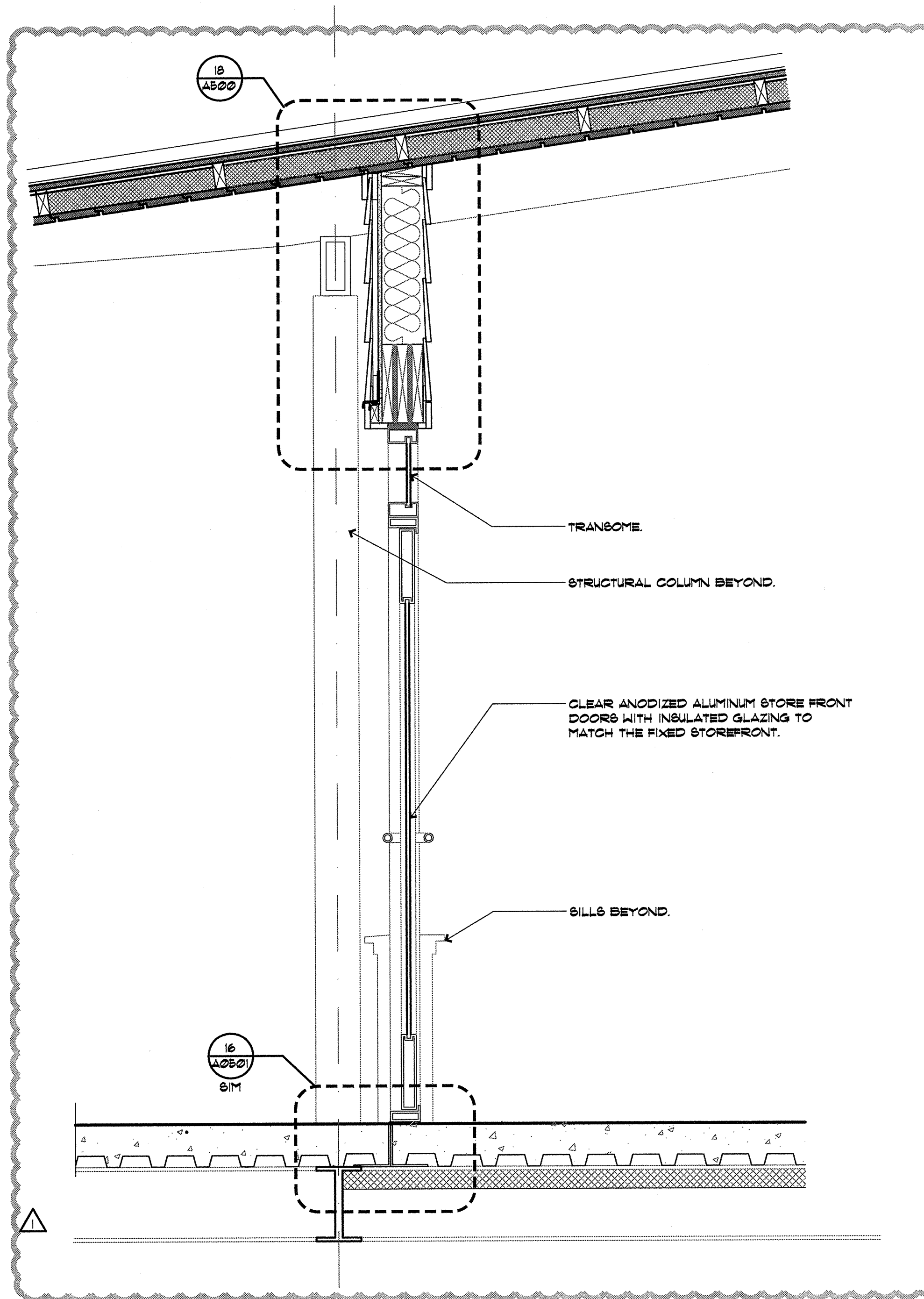
19 BAR SECTION
3/4"=1'-0"

BAR SECT 1



17 CLERESTORY SECTION
1"=1'-0"

81



5 WALL SECTION AT ENTRY
1"=1'-0"

156

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reedsdesign@gmail.com

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1940 South Riverside Drive West
Tulsa, OK 74137

REV.	DATE	DESCRIPTION
1	2/3/10	PERMIT SUBMITTAL SET
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ISSUE DATE: 1/19/10 PERMIT RESPONSE
PROJECT NUMBER
DRAWN BY
CHECKED BY
SEAL
STATE OF OKLAHOMA
THEODORE A. REEDS, II
3589M
LICENSED ARCHITECT
SHEET NAME
DETAILS
SHEET NUMBER
A502
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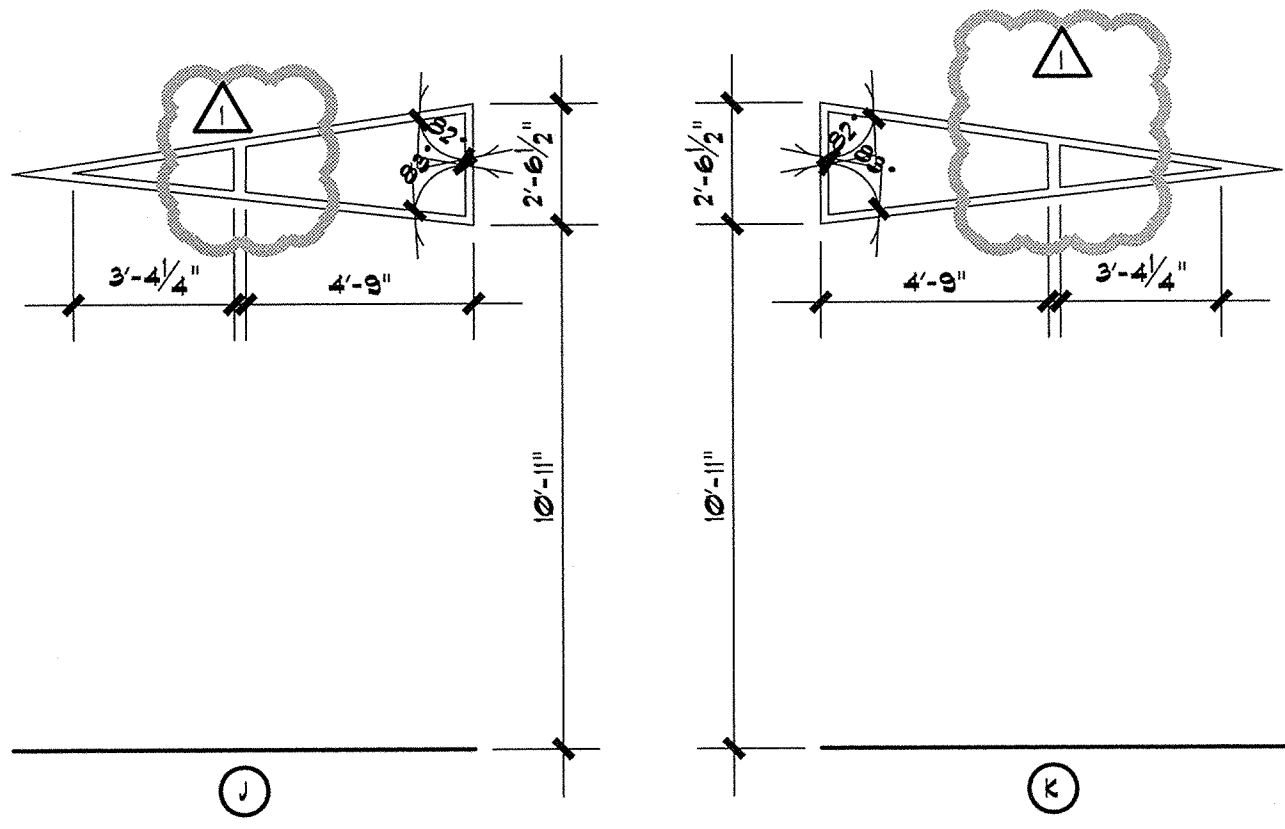
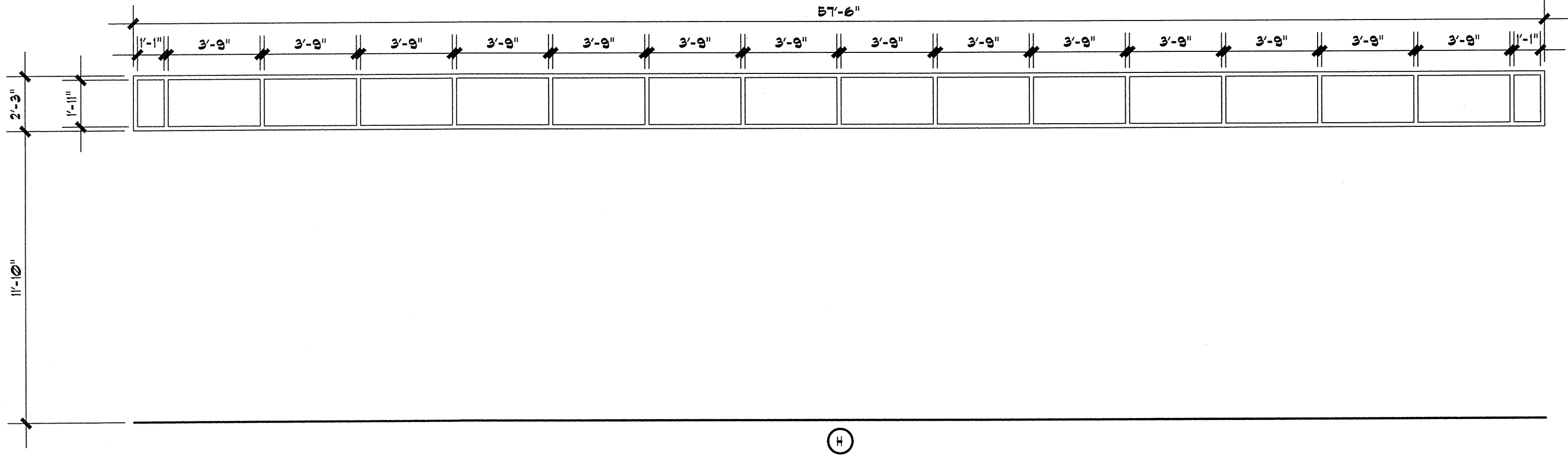
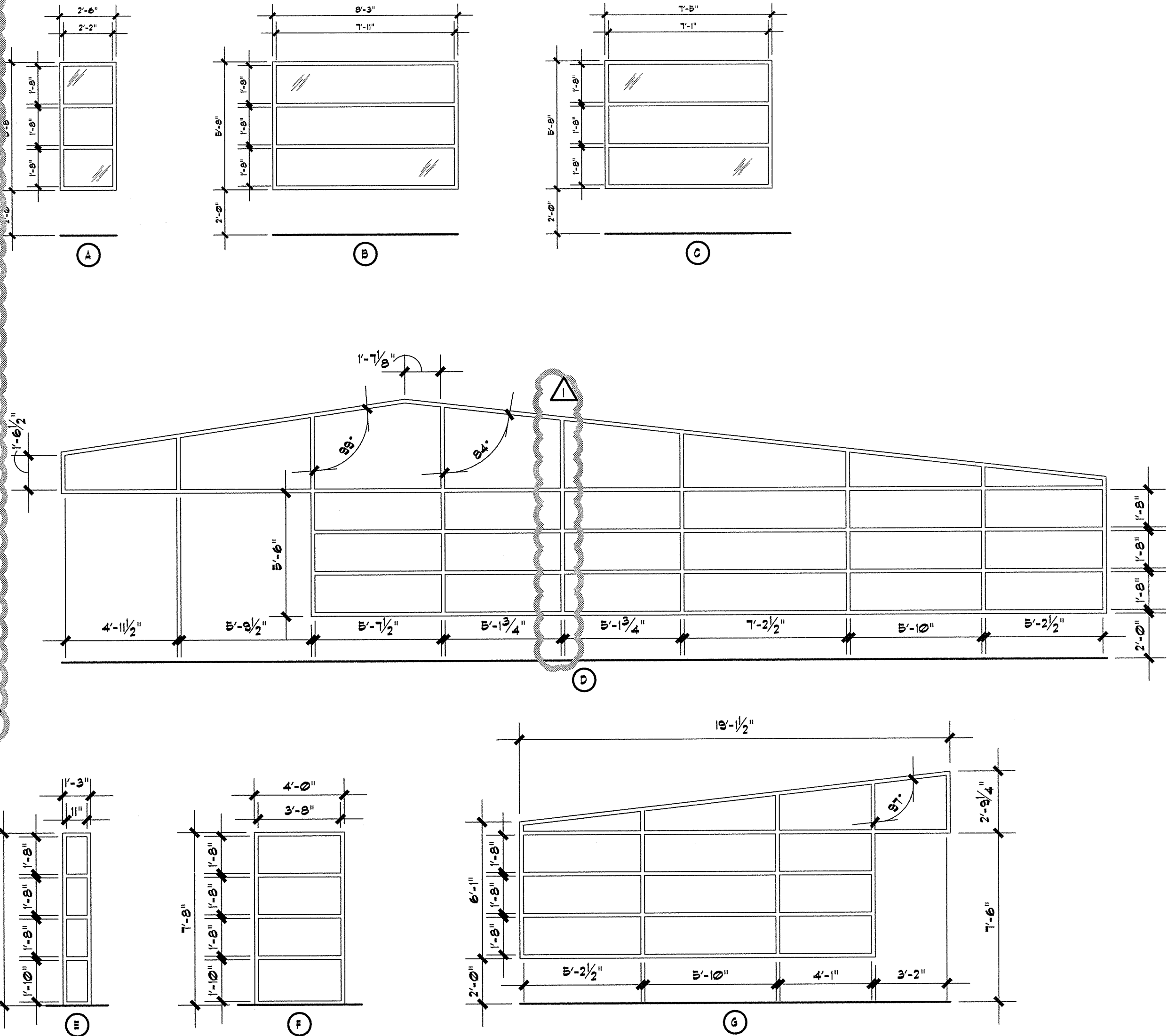
FINISHES SCHEDULE

MARK	DESCRIPTION	MANUFACTURER	MANUFACTURER'S NUMBER	NAME/COLOR	SIZE/TYPE	NOTES
P1	INTERIOR PAINT	TBD	TBD	TBD	-	
F1	CONCRETE SEALER	ACAST	1000	INTEGRASEAL	-	
F2	ANTI SLIP APPLICATION	ACAST	5100	NO SLIP TREATMENT	-	
TILE1	CERAMIC FLOOR TILE	CROSSVILLE	A246	PACIFIC SURF	8"x8"	
TILE2	CERAMIC COVE BASE	CROSSVILLE	A246	PACIFIC SURF	6"x8"	
TILE3	CERAMIC WALL TILE	CROSSVILLE	A246	PACIFIC SURF	8"x8"	
B1	RUBBER BASE	ROPPE	-	BLACK COVE BASE	4"	
B2	WOOD BASE	-	-	-	4"	
ACT1	CEILING TILE	ARMSTRONG	870	VINYL COATED	24"x24"	

ROOM FINISH SCHEDULE

NUMBER	ROOM NAME	FLOOR	BASE	WALLS				CEILING MATERIAL	HEIGHT	NOTES
				NORTH	SOUTH	EAST	WEST			
100	LOBBY	F1/F2	B2	P1	P1	P1	-	OPEN	-	
101	DINING ROOM	F1/F2	B2	P1	P1	-	P1	OPEN	-	
102	BAR	F1/F2	B2	P1	P1	P1	P1	OPEN	-	
103	DINING ROOM	F1/F2	B2	-	P1	P1	P1	OPEN	-	
104	WAITRESS STATION	F1/F2	B2	P1	P1	P1	-	OPEN	8'-0"	
105	KITCHEN	F1/F2	B1	FRP	FRP	FRP	FRP	C1	8'-0"	
106	MECHANICAL	F1/F2	B2	P1	P1	P1	P1	GYP BD	8'-0"	
107	NOT USED	-	-	-	-	-	-	-	-	
108	COOLER	F1/F2	-	-	-	-	-	-	-	
109	HALLWAY	F1/F2	B1	-	FRP	FRP	FRP	C1	-	
110	CLOSET	F1/F2	B1	FRP	FRP	FRP	FRP	GYP BD	8'-0"	
111	MEN'S RESTROOM	TILE1	TILE2	TILE3	TILE3	TILE3	TILE3	GYP BD	8'-0"	
112	WOMEN'S RESTROOM	TILE1	TILE2	TILE3	TILE3	TILE3	TILE3	GYP BD	8'-0"	
113	OFFICE	F1/F2	B2	P1	P1	P1	P1	OPEN	8'-0"	

WINDOW FRAME TYPES



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REV. DATE DESCRIPTION
2/3/10 PERMIT SUBMITTAL SET
ISSUE DATE 1/13/10 PERMIT RESPONSE
PROJECT NUMBER
DRAWN BY
CHECKED BY
SEAL
STATE OF OKLAHOMA
TULSOREA REEDS, II
LICENSED ARCHITECT
SHEET NAME
SCHEDULES

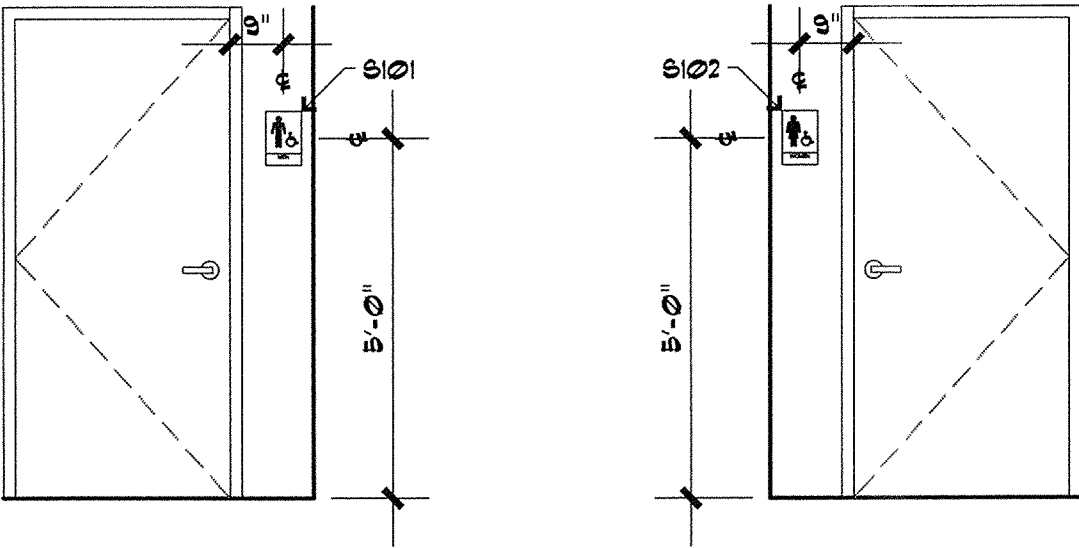
SHEET NUMBER
A601

22x34

202010.1122 AM, J3 TED REEDS ARCHITECTUREThe Blue RoseFinal CDA602 SCHEDULES.dwg, b30ggn

SIGNAGE SCHEDULE

MARK	TYPE	SIZE WIDTH HEIGHT	MOUNTING HEIGHT TO CL	MATERIAL	COLOR	MANUFACTURER	MODEL	SIGN COPY OR SYMBOL	BRAILLE	NOTES
S/01	N/A	6" 9"	60"	FLAG	BLUE	DON-JO	H8-30T0-01	MEN	YES	
S/02	N/A	6" 9"	60"	FLAG	BLUE	DON-JO	H8-30T0-05	WOMEN	YES	



15

11

14

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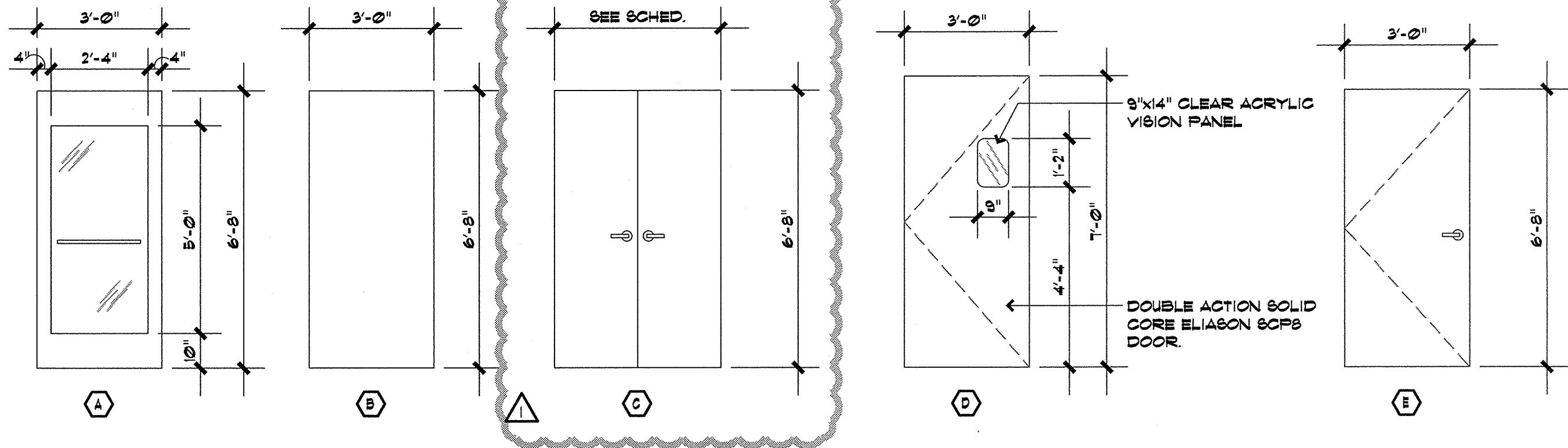
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DOOR SCHEDULE

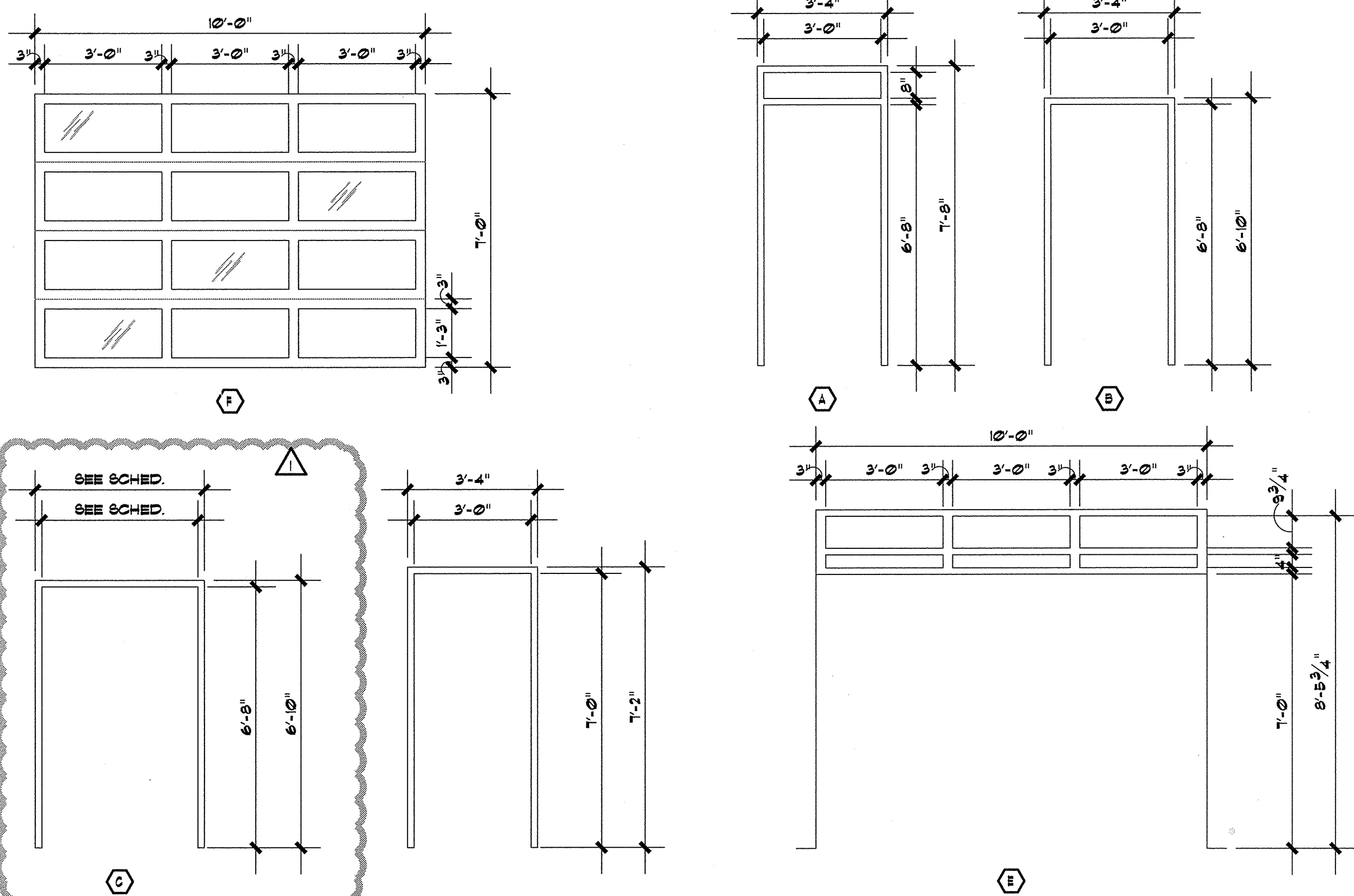
DOOR							FRAME							HARDWARE			
MARK	TYPE	SIZE			MATERIAL	LOUVER		FINISH	TYPE	MATERIAL	DETAILS			FINISH	FIRE RATING LABEL	SET	KEYSIDE ROOM
		WIDTH	HEIGHT	THICKNESS		WIDTH	HEIGHT				HEAD	JAMB	SILL				
001	A	3'-0"	6'-8"	1-3/4"	ALUM	N/A	N/A	CLEAR	A	ALUM	NOTE 1	NOTE 1	NOTE 1	CLEAR	-	-	EXT
002	A	3'-0"	6'-8"	1-3/4"	ALUM	N/A	N/A	CLEAR	A	ALUM	NOTE 1	NOTE 1	NOTE 1	CLEAR	-	-	EXT
003	A	3'-0"	6'-8"	1-3/4"	ALUM	N/A	N/A	CLEAR	A	ALUM	NOTE 1	NOTE 1	NOTE 1	CLEAR	-	-	EXT
004	B	3'-0"	6'-8"	1-3/4"	ALUM	N/A	N/A	CLEAR	B	ALUM	NOTE 2	NOTE 2	NOTE 2	CLEAR	-	-	EXT
005	A	3'-0"	6'-8"	1-3/4"	ALUM	N/A	N/A	CLEAR	A	ALUM	NOTE 1	NOTE 1	NOTE 1	CLEAR	-	-	EXT
006	A	3'-0"	6'-8"	1-3/4"	ALUM	N/A	N/A	CLEAR	A	ALUM	NOTE 1	NOTE 1	NOTE 1	CLEAR	-	-	EXT
007	C	2'-0" FR	6'-8"	1-3/4"	SCWD	N/A	N/A	PTD	C	MTL	11/A602	10/A602	-	PTD	-	-	EXT
008	D	3'-0"	7'-0"	1-3/4"	ALUM	N/A	N/A	CLEAR	D	MTL	9/A602	13/A602	-	CLEAR	-	-	-
009	E	3'-0"	6'-8"	1-3/4"	SCWD	N/A	N/A	PTD	B	MTL	11/A602	10/A602	-	PTD	-	-	EXT
010	C	2'-6" FR	6'-8"	1-3/4"	SCWD	N/A	N/A	PTD	C	MTL	11/A602	10/A602	-	PTD	-	-	-
011	E	3'-0"	6'-8"	1-3/4"	SCWD	N/A	N/A	NOTE 3	B	MTL	11/A602	10/A602	-	NOTE 3	-	-	-
012	E	3'-0"	6'-8"	1-3/4"	SCWD	N/A	N/A	NOTE 3	B	MTL	11/A602	10/A602	-	NOTE 3	-	-	-
013	B	3'-0"	6'-8"	1-3/4"	SCWD	N/A	N/A	NOTE 3	B	MTL	NOTE 2	NOTE 2	-	NOTE 3	-	-	-
014	F	10'-0"	7'-0"	1-3/4"	ALUM	N/A	N/A	CLEAR	E	MTL	1/A500	-	13/A500	CLEAR	-	-	EXT
015	F	10'-0"	7'-0"	1-3/4"	ALUM	N/A	N/A	CLEAR	E	MTL	1/A500	-	13/A500	CLEAR	-	-	EXT
016	E	3'-0"	6'-8"	1-3/4"	MTL	N/A	N/A	PTD	B	MTL	-	-	-	PTD	-	-	EXT

- NOTES:
1. STORE FRONT SYSTEM. SEE SHOP DRAWINGS FOR DETAILS.
 2. POCKET DOOR. SEE MANUFACTURERS DETAILS FOR INSTALLATION.
 3. PINE DOOR AND FRAME WITH SEALED CLEAR FINISH.

DOOR TYPES

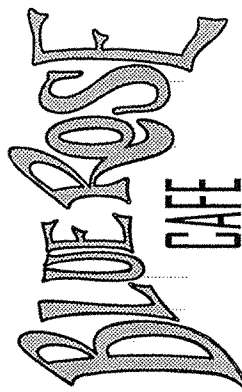


FRAME TYPES



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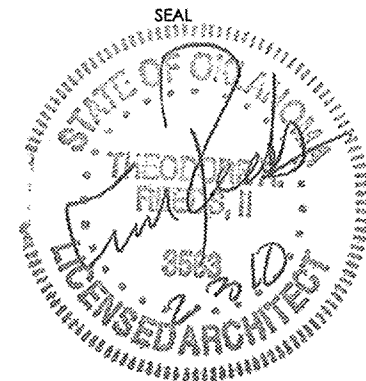
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1	2/3/10	PERMIT SUBMITTAL SET
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ISSUE DATE 1/18/10 PERMIT RESPONSE

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SHEET NAME
SCHEDULES

SHEET NUMBER

A602

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SHEET NOTES

1. FIRE SPRINKLER RISER LOCATION IN UTILITY BUILDING UNDER WALKWAY. REF. 2/FP-1.
2. 6" DUCTILE IRON UNDERGROUND FIRE MAIN.
3. TRANSITION POINT FROM UNDERGROUND FIRE MAIN TO ABOVEGROUND FIRE SPRINKLER MAIN. PENETRATE FLOOR IN CHASE AS INDICATED.
4. DRY PIPE SYSTEM INSPECTORS TEST LOCATION. REF. 4/FP-1.
5. PROVIDE TYCO MODEL DS-C CONCEALED DRY PENDENT WITH TYCO MODEL DSB-2 DRY PENDENT BOOT.
6. CONTRACTOR SHALL ENSURE NO SPRINKLER PIPE IS ROUTED OVER THE TOP OF ELECTRICAL PANEL.
7. CONTRACTOR SHALL PROVIDE SPRINKLER PROTECTION FOR OVERHANG IN ACCORDANCE WITH NFPA 13. PROTECTION FOR THIS AREA SHALL BE PROVIDED WITH DRY SIDEWALL TYPE SPRINKLERS.
8. CONTRACTOR SHALL PROVIDE SPRINKLER PROTECTION FOR OVERHANG IN ACCORDANCE WITH NFPA 13. PROTECTION FOR THIS AREA SHALL BE PROVIDED WITH UPRIGHT SPRINKLER TYPE SPRINKLERS.
9. CONTRACTOR SHALL PROVIDE SPRINKLER PROTECTION IN MECHANICAL AREA UNDER BUILDING IF REQUIRED BY AUTHORITY HAVING JURISDICTION.

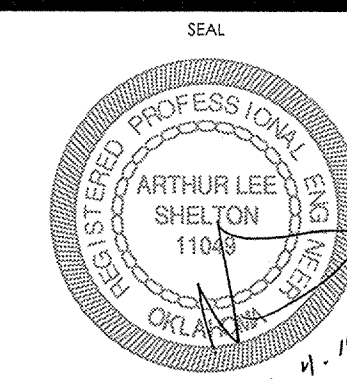


Shelton and Associates, INC.
 4312 South Dogwood
 Broken Arrow, Oklahoma 74011
 Phone: 918.455.9320
 Fax: 918.455.8270
 Oklahoma Certificate of
 Authorization No. 2887
 Expiration Date: 06/30/2010

Blue Rose Cafe
1924 South Riverside Drive West
Tulsa, OK 74137

REV.	DATE	DESCRIPTION
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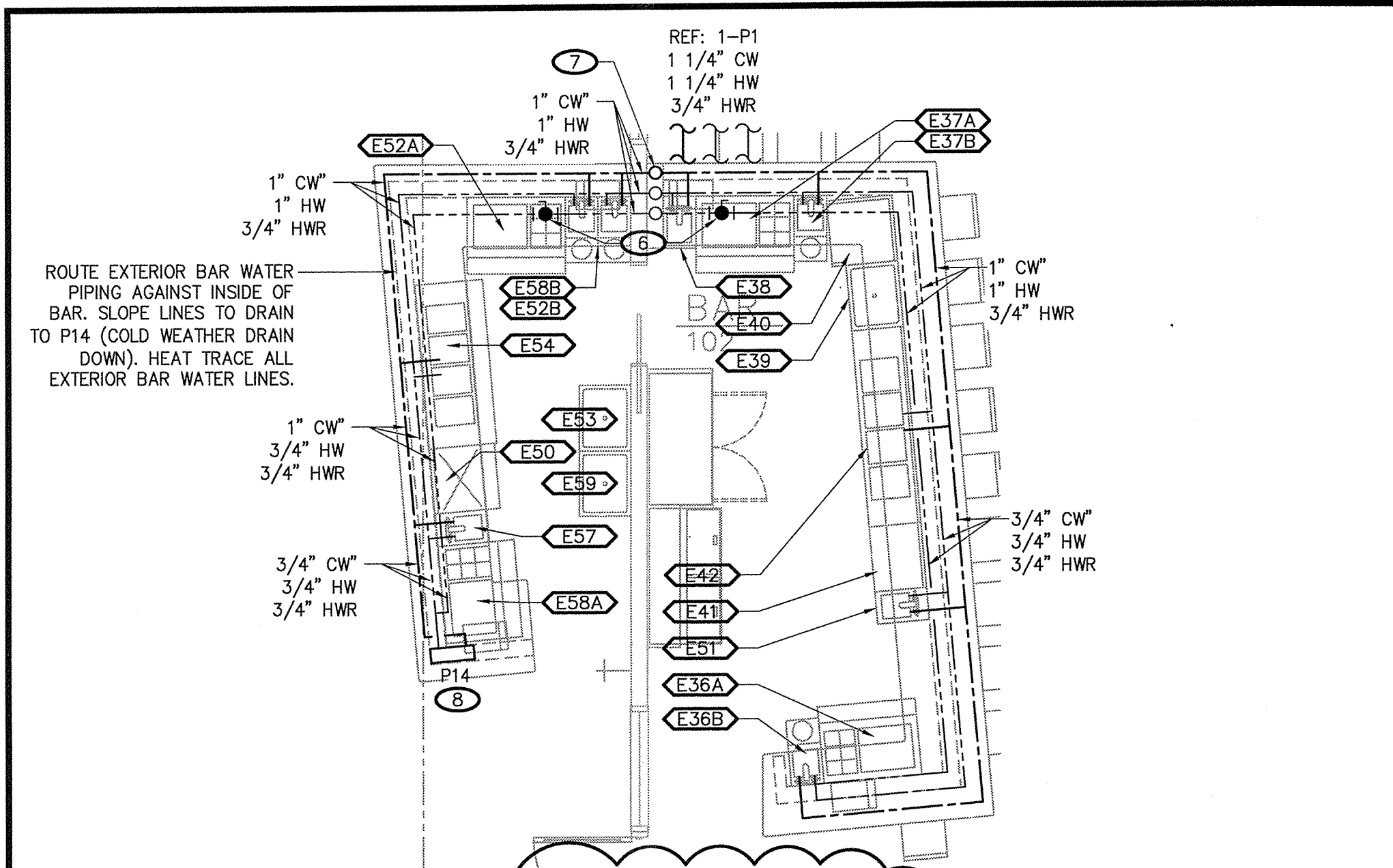
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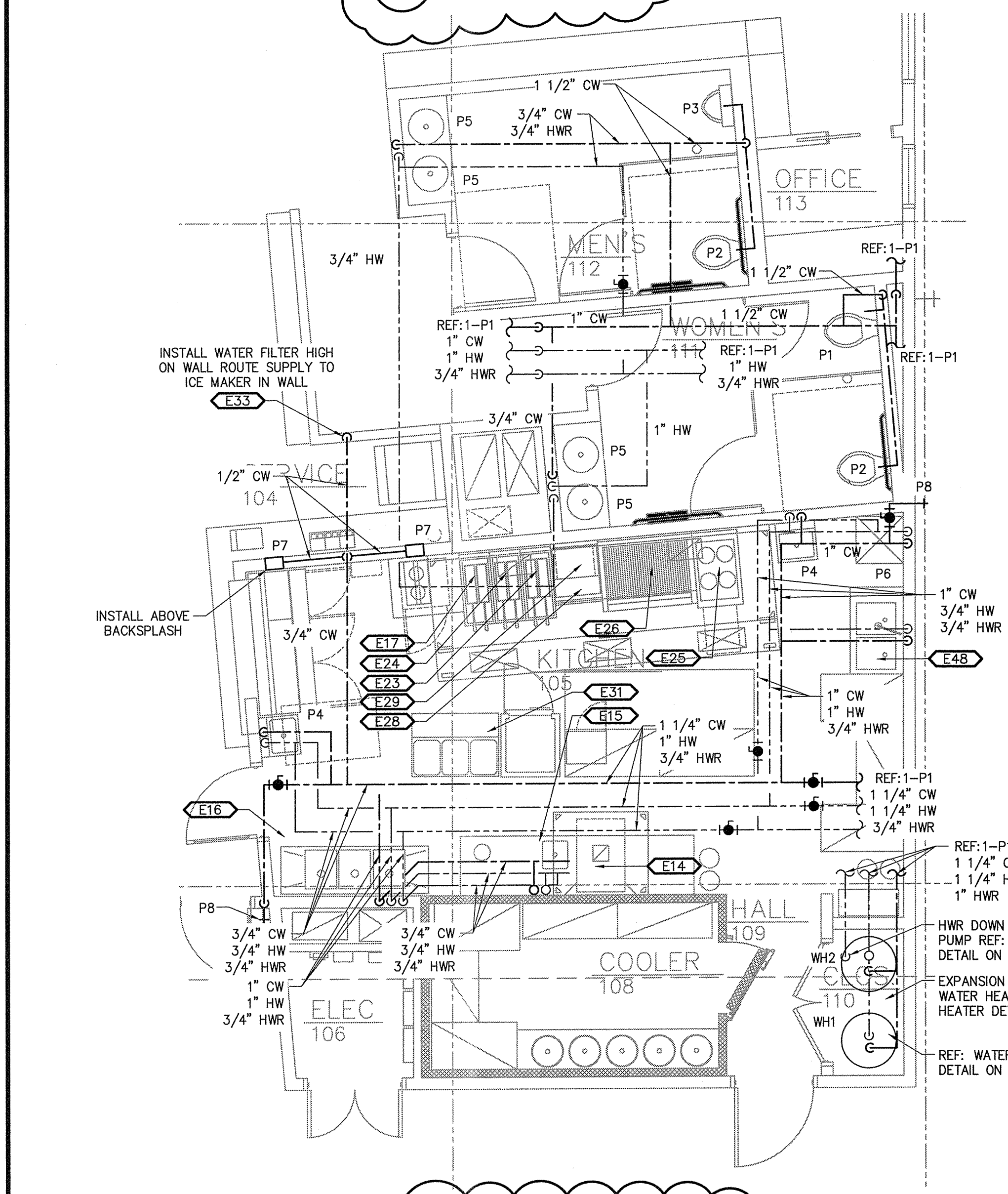
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FIRE SPRINKLER PLAN

SHEET NUMBER

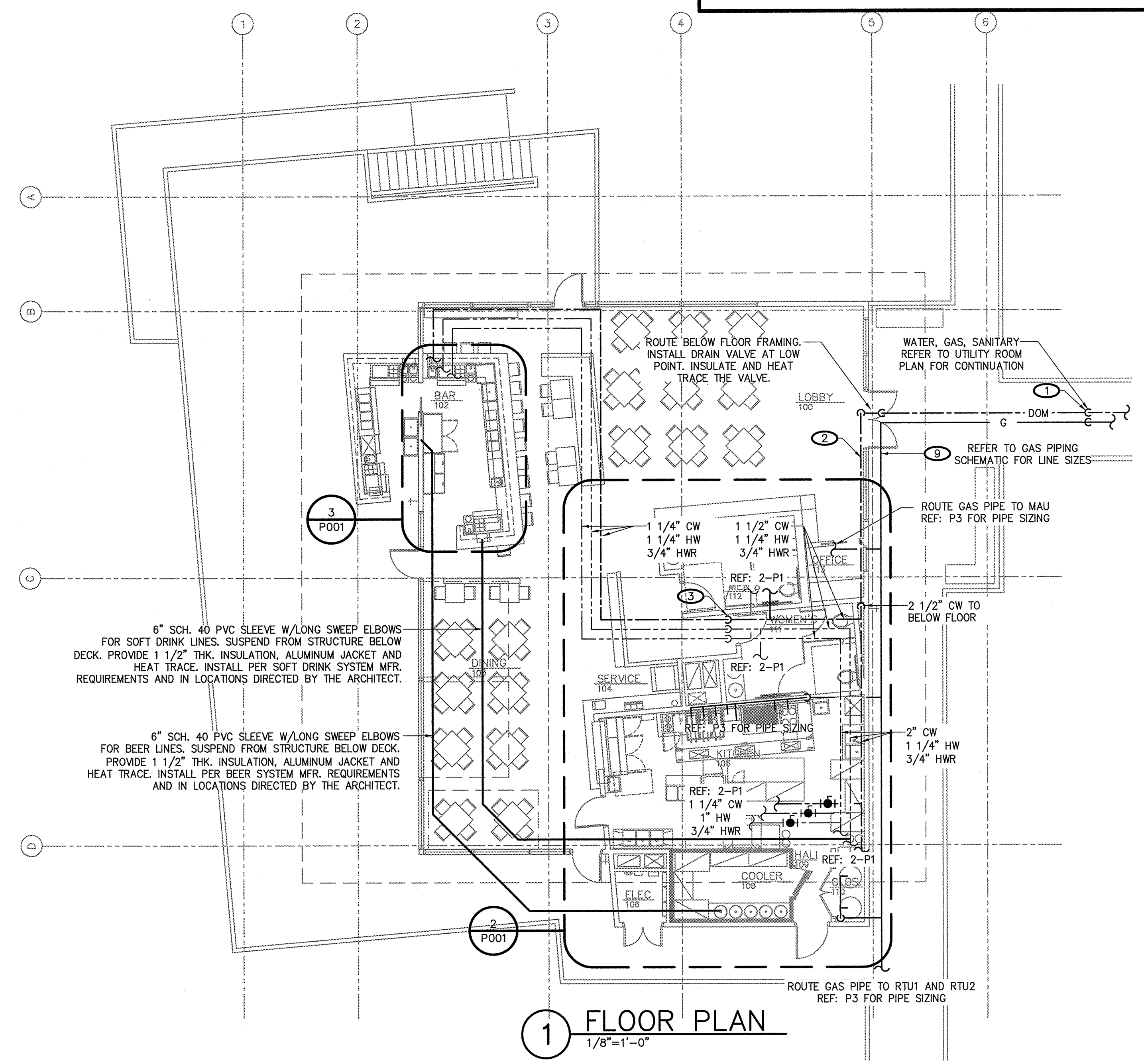
FP001



3 BAR PLAN
1/4"=1'-0"



2 KITCHEN PLAN
1/4"=1'-0"



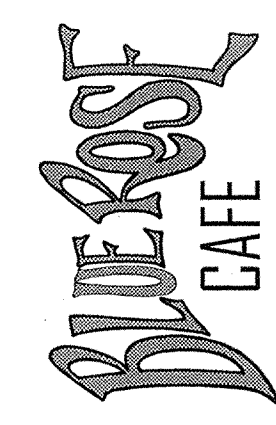
1 FLOOR PLAN
1/8"=1'-0"

SHEET NOTES

1. DOMESTIC WATER SERVICE STUBBED INTO UTILITY ROOM UNDER BRIDGE. INSIDE THE UTILITY BUILDING, INSTALL BUILDING SHUT-OFF VALVE AT FLOOR LEVEL AND PROVIDE 3/4" DRAIN VALVE WITH HOSE CONNECTION. INSTALL HEAT TRACE, INSULATION AND JACKET PER SPECIFICATIONS FROM DRAIN VALVE TO FLOOR PENETRATION AT RESTAURANT.
2. DOMESTIC WATER SERVICE SUSPENDED UNDER BRIDGE. PROVIDE HEAT TRACE, INSULATION, AND JACKET PER SPECIFICATIONS. HOLD AS TIGHT TO BOTTOM OF BRIDGE AND FLOOR FRAMING AS POSSIBLE. SLOPE LINE TO DRAIN BACK TO UTILITY BUILDING AND MAIN DRAIN VALVE.
3. ROUTE DOMESTIC WATER LINES UP ALONGSIDE DUCTWORK TO UNDER THE CLEARSTORY WINDOW. ROUTE PIPING TO BAR AS CLOSE TO ROOF STRUCTURE AS POSSIBLE, SLOPING LINES TO FOLLOW ROOF SLOPE.
4. ROUTE LAVATORY HOT WATER SUPPLY FROM WOMEN'S TOILET TO MEN'S TOILET, CONNECTING THE HOT WATER RETURN LINE BELOW THE LAVATORIES IN THE MEN'S TOILET IN ORDER TO PROVIDE A CIRCULATING SUPPLY LINE TO BOTH TOILETS.
5. ROUTE WATER SUPPLY LINES INSIDE BAR AND ABOVE FINISH FLOOR.
6. UTILIZE BALL VALVES TO BALANCE HOT WATER RETURN FLOW.
7. ROUTE WATER LINES INSIDE PIPE CHASE. PROVIDE EXTERIOR PIPING COLD WEATHER SHUT-OFF VALVES UNDER THE INSIDE BAR TOP, ACCESSIBLE FROM THE LEFT SIDE OF THE HAND SINK. INSTALL MANUAL AIR VENT VALVE IN HOT WATER RETURN LINE IN THE SAME LOCATION (TO ENABLE COLD WEATHER DRAIN DOWN OF THE LINE).
8. INSTALL MILD CLIMATE HW/CW WALL HYDRANT IN END OF BAR. INSTALL AT LOW POINT OF EXTERIOR BAR WATER PIPING SO THAT THE HYDRANT CAN DRAIN ALL EXTERIOR HW/CW PIPING DURING COLD WEATHER.
9. GAS SERVICE SUSPENDED UNDER BRIDGE AND WALKWAY. ROUTE TO UTILITY ROOM UNDER BRIDGE. STUB OUT OF UTILITY ROOM, INSTALL BUILDING SHUT-OFF VALVE AND CONNECT TO METER. HOLD PIPING AS TIGHT TO BOTTOM OF BRIDGE AND WALKWAY FRAMING AS POSSIBLE. PAINT ALL PIPING EXPOSED TO WEATHER. COORDINATE COLOR WITH ARCHITECT.
10. 4" INSULATED/HEAT TRACED SANITARY SEWER SUSPENDED UNDER BRIDGE, REFER TO UTILITY SITE PLAN FOR CONTINUATION. CONNECT TO THE GREASE INTERCEPTOR OUTLET LINE.
11. 4" INSULATED/HEAT TRACED GREASE WASTE SUSPENDED UNDER BRIDGE. REFER TO UTILITY SITE PLAN FOR CONTINUATION. REFER GREASE INTERCEPTOR DETAIL FOR ADDITIONAL INFORMATION.

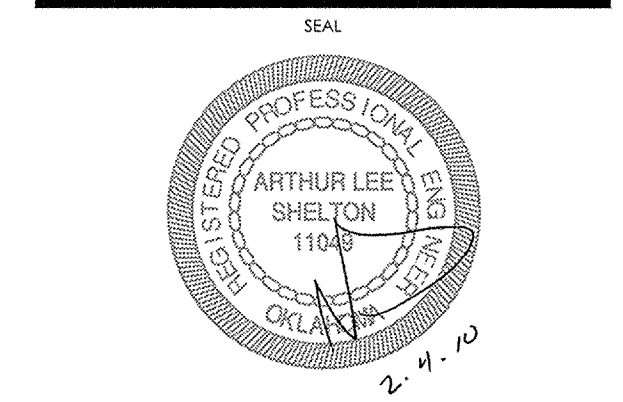


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4312 South Dogwood
Broken Arrow, Oklahoma 74011
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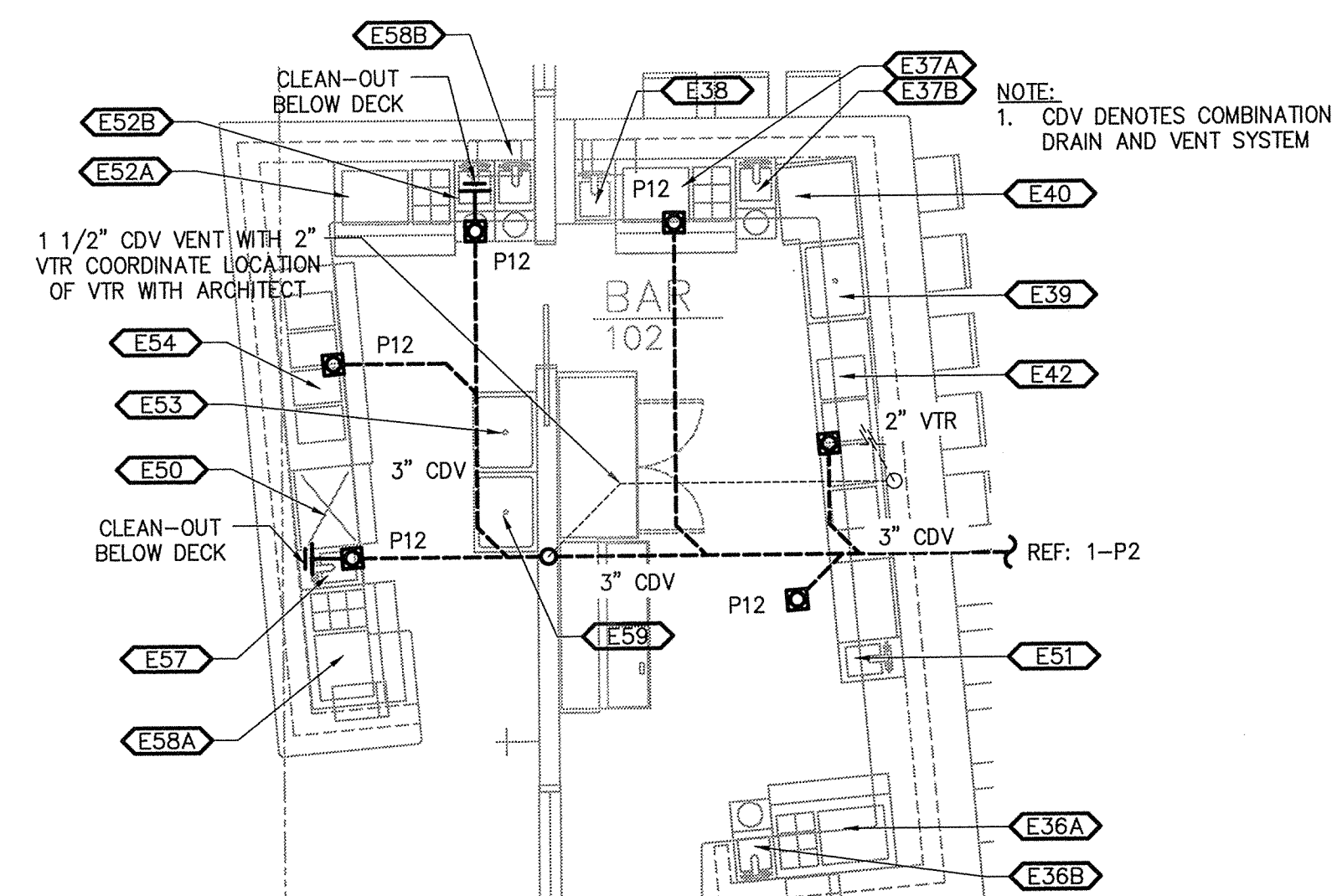
Blue Rose Cafe
1924 South Riverside Drive West
Tulsa, OK 74137

REV.	DATE	DESCRIPTION
1	2/3/10	REVISION #1
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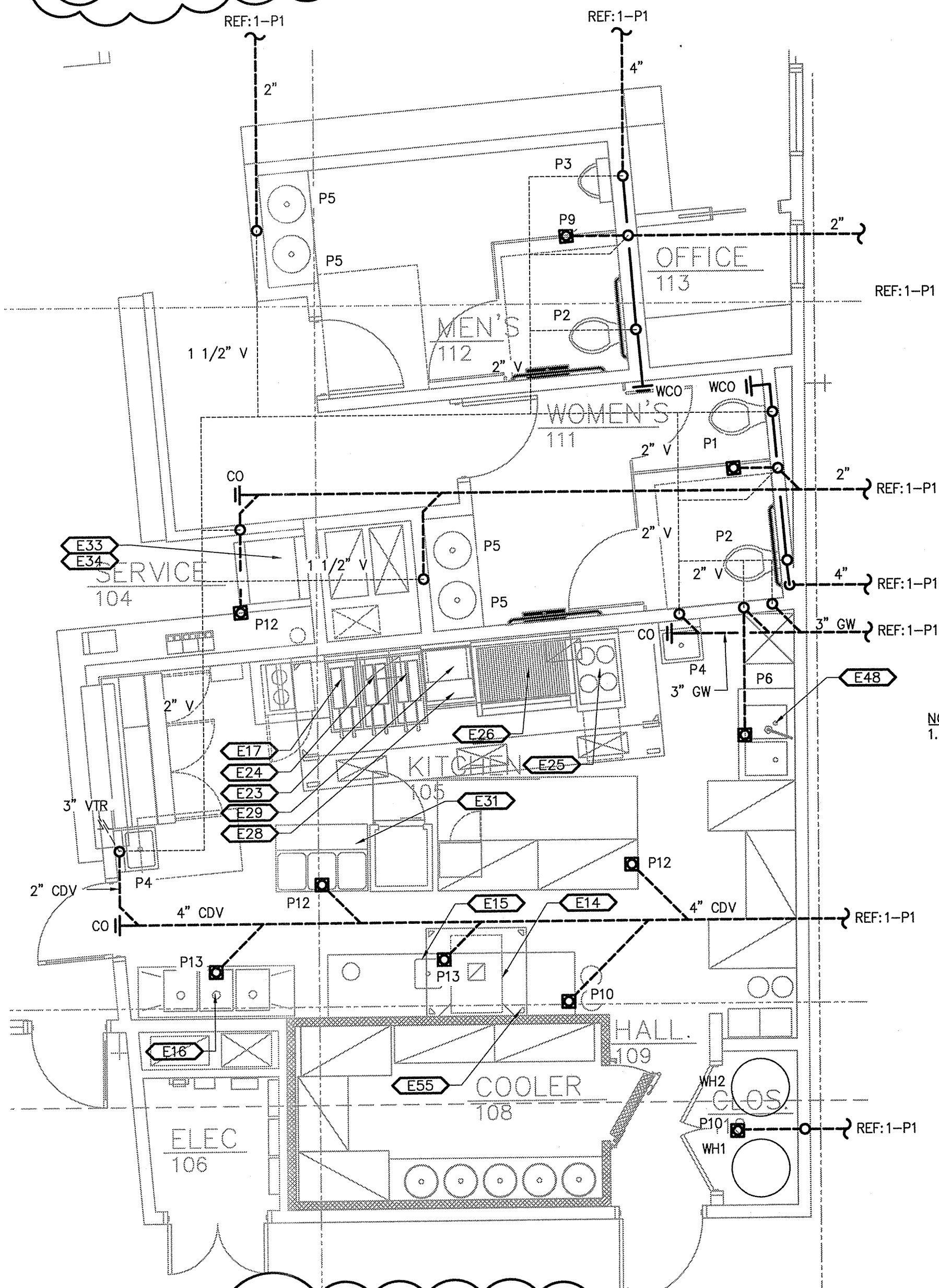


SHEET NAME
DOMESTIC WATER
FLOOR PLAN

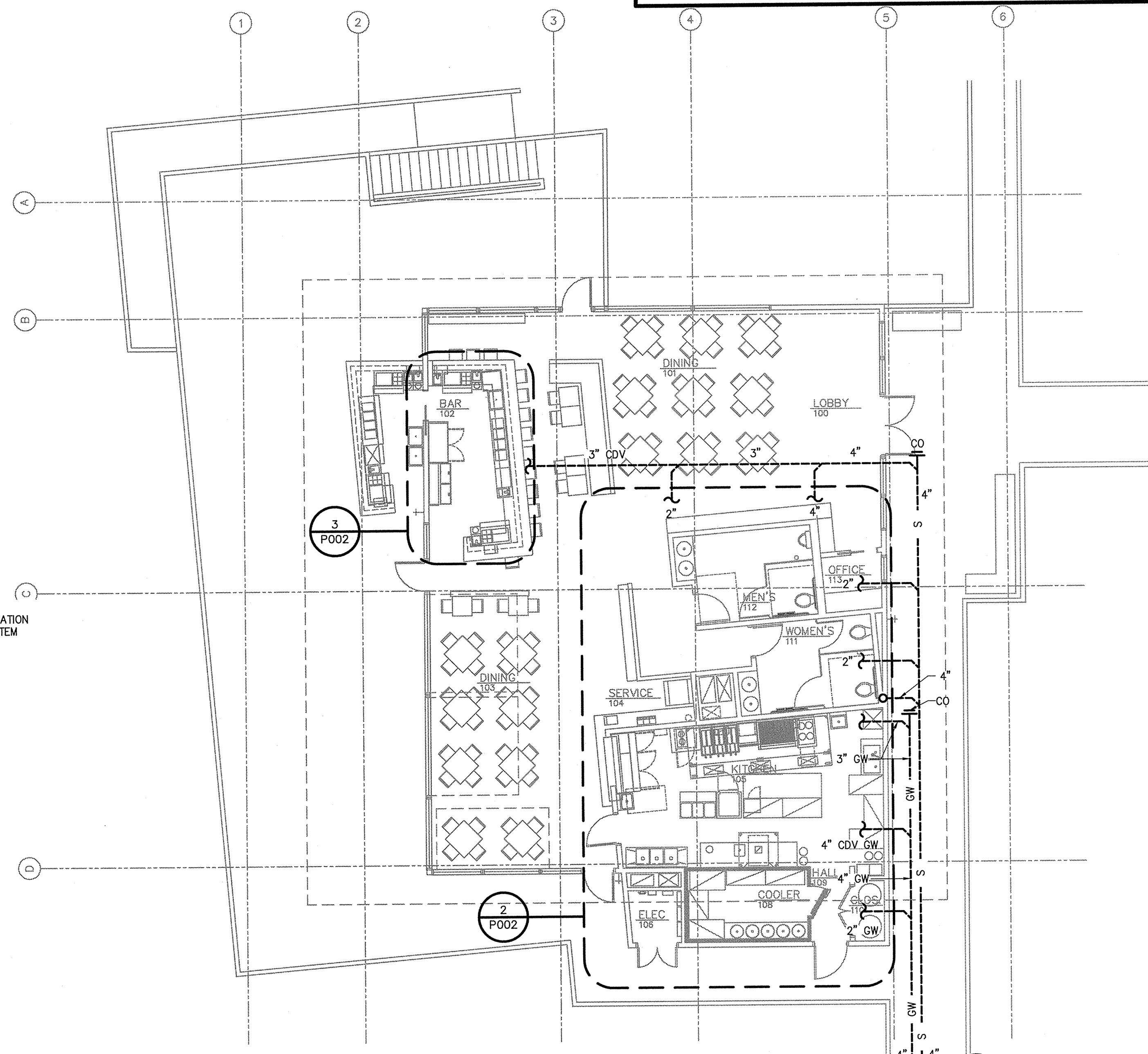
SHEET NUMBER
P001



3 BAR PLAN 1
1/4" = 1' - 0"



2 KITCHEN PLAN

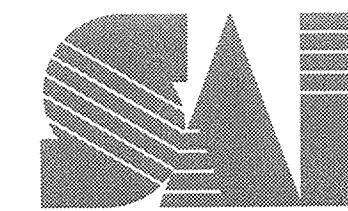


1 FLOOR PLAN
1/8"=1'-0"

REFER TO CIVIL DRAWINGS
FOR CONTINUATION ON SITE

SHEET NOTES

1. DOMESTIC WATER SERVICE STUBBED INTO UTILITY ROOM UNDER BRIDGE. INSIDE THE UTILITY BUILDING, INSTALL BUILDING SHUT-OFF VALVE AT FLOOR LEVEL AND PROVIDE 3/4" DRAIN VALVE WITH HOSE CONNECTION. INSTALL HEAT TRACE, INSULATION AND JACKET PER SPECIFICATIONS FROM DRAIN VALVE TO FLOOR PENETRATION AT RESTAURANT.
2. DOMESTIC WATER SERVICE SUSPENDED UNDER BRIDGE. PROVIDE HEAT TRACE, INSULATION, AND JACKET PER SPECIFICATIONS, HOLD AS TIGHT TO BOTTOM OF BRIDGE AND FLOOR FRAMING AS POSSIBLE. SLOPE LINE TO DRAIN BACK TO UTILITY BUILDING AND MAIN DRAIN VALVE.
3. ROUTE DOMESTIC WATER LINES UP ALONGSIDE DUCTWORK TO UNDER THE CLEARSTORY WINDOW. ROUTE PIPING TO BAR AS CLOSE TO ROOF STRUCTURE AS POSSIBLE, SLOPING LINES TO FOLLOW ROOF SLOPE.
4. ROUTE LAVATORY HOT WATER SUPPLY FROM WOMEN'S TOILET TO MEN'S TOILET, CONNECTING THE HOT WATER RETURN LINE BELOW THE LAVATORIES IN THE MEN'S TOILET IN ORDER TO PROVIDE A CIRCULATING SUPPLY LINE TO BOTH TOILETS.
5. ROUTE WATER SUPPLY LINES INSIDE BAR AND ABOVE FINISH FLOOR.
6. UTILIZE BALL VALVES TO BALANCE HOT WATER RETURN FLOW.
7. ROUTE WATER LINES INSIDE PIPE CHASE. PROVIDE EXTERIOR PIPING COLD WEATHER SHUT-OFF VALVES UNDER THE INSIDE BAR TOP, ACCESSIBLE FROM THE LEFT SIDE OF THE HAND SINK. INSTALL MANUAL AIR VENT VALVE IN HOT WATER RETURN LINE IN THE SAME LOCATION (TO ENABLE COLD WEATHER DRAIN DOWN OF THE LINE).
8. INSTALL MILD CLIMATE HW/CW WALL HYDRANT IN END OF BAR. INSTALL AT LOW POINT OF EXTERIOR BAR WATER PIPING SO THAT THE HYDRANT CAN DRAIN ALL EXTERIOR HW/CW PIPING DURING COLD WEATHER.
9. GAS SERVICE SUSPENDED UNDER BRIDGE AND WALKWAY. ROUTE TO UTILITY ROOM UNDER BRIDGE. STUB OUT OF UTILITY ROOM, INSTALL BUILDING SHUT-OFF VALVE AND CONNECT TO METER. HOLD PIPING AS TIGHT TO BOTTOM OF BRIDGE AND WALKWAY FRAMING AS POSSIBLE. PAINT ALL PIPING EXPOSED TO WEATHER. COORDINATE COLOR WITH ARCHITECT.
10. 4" INSULATED/HEAT TRACED SANITARY SEWER SUSPENDED UNDER BRIDGE. REFER TO UTILITY SITE PLAN FOR CONTINUATION. CONNECT TO THE GREASE INTERCEPTOR OUTLET LINE.
11. 4" INSULATED/HEAT TRACED GREASE WASTE SUSPENDED UNDER BRIDGE. REFER TO UTILITY SITE PLAN FOR CONTINUATION. REFER GREASE INTERCEPTOR DETAIL FOR ADDITIONAL INFORMATION.



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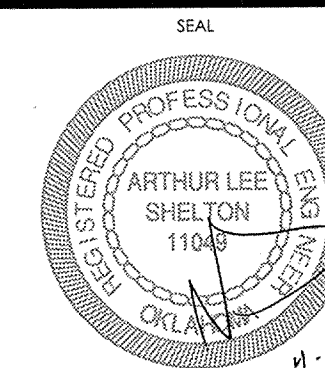
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SHEET NAME

DRAINAGE WASTE AND
VENT FLOOR PLAN

SHEET NUMBER

P002

GAS FIRED DOMESTIC WATER HEATER SCHEDULE

UNIT DESIGNATION		WH1	WH2
MANUFACTURER		A.O. SMITH	A.O. SMITH
MODEL NO.		BTH-199	BTH-199
ASME CONSTRUCTION (YES/NO)		NO	NO
CAPACITY-GALLONS		100	100
TEMPERATURE RISE - DEG. F.		100	100
MINIMUM RECOVERY RATE-GPH AT SPECIFIED TEMPERATURE RISE		230	230
TEMPERATURE SET POINT - DEG. F.		140	140
FUEL	TYPE	NAT. GAS	NAT. GAS
	INPUT - MBH	199.9	199.9
	OUTPUT - MBH	190	190
	VOLTAGE	120	120
ELECTRICAL	PHASE	1	1
	HERTZ	60	60
	FULL LOAD AMPERES	6.2	6.2
SEALED COMBUSTION VENT	COMBUSTION AIR CONNECTION SIZE - INCHES	3	3
	COMBUSTION AIR VENT SIZE - INCHES	3	3
	COMBUSTION AIR VENT MATERIAL	PVC	PVC
	OUTLET VENT CONNECTION SIZE - INCHES	3	3
	OUTLET VENT SIZE - INCHES	3	3
REMARKS	OUTLET VENT MATERIAL	PVC	PVC
	OUTLET VENT MATERIAL	1,3	1,3

NOTES

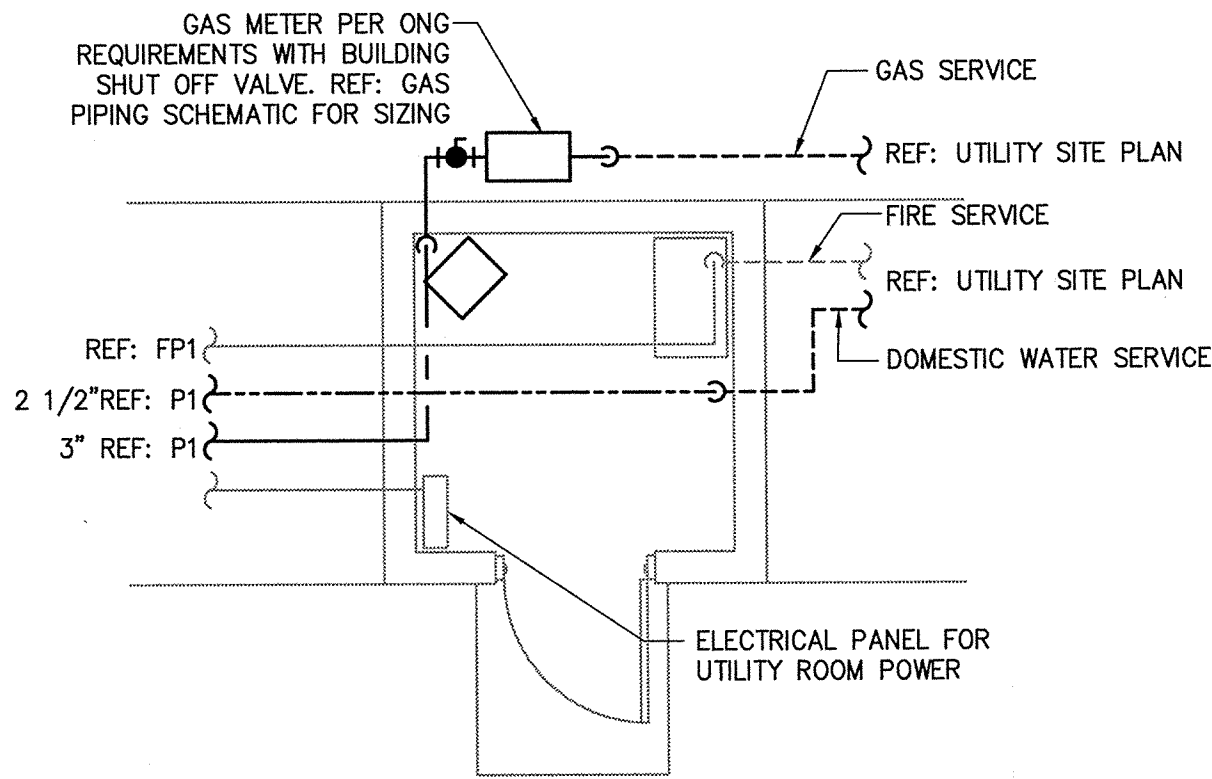
A. OUTPUT MBH IS GIVEN FOR SEA LEVEL CONDITIONS. PROVIDE HEATER SUITABLE FOR THE MINIMUM RECOVERY RATE SPECIFIED AND THE SITE ALTITUDE.

REMARKS (APPLICABLE IF NOTED ABOVE)

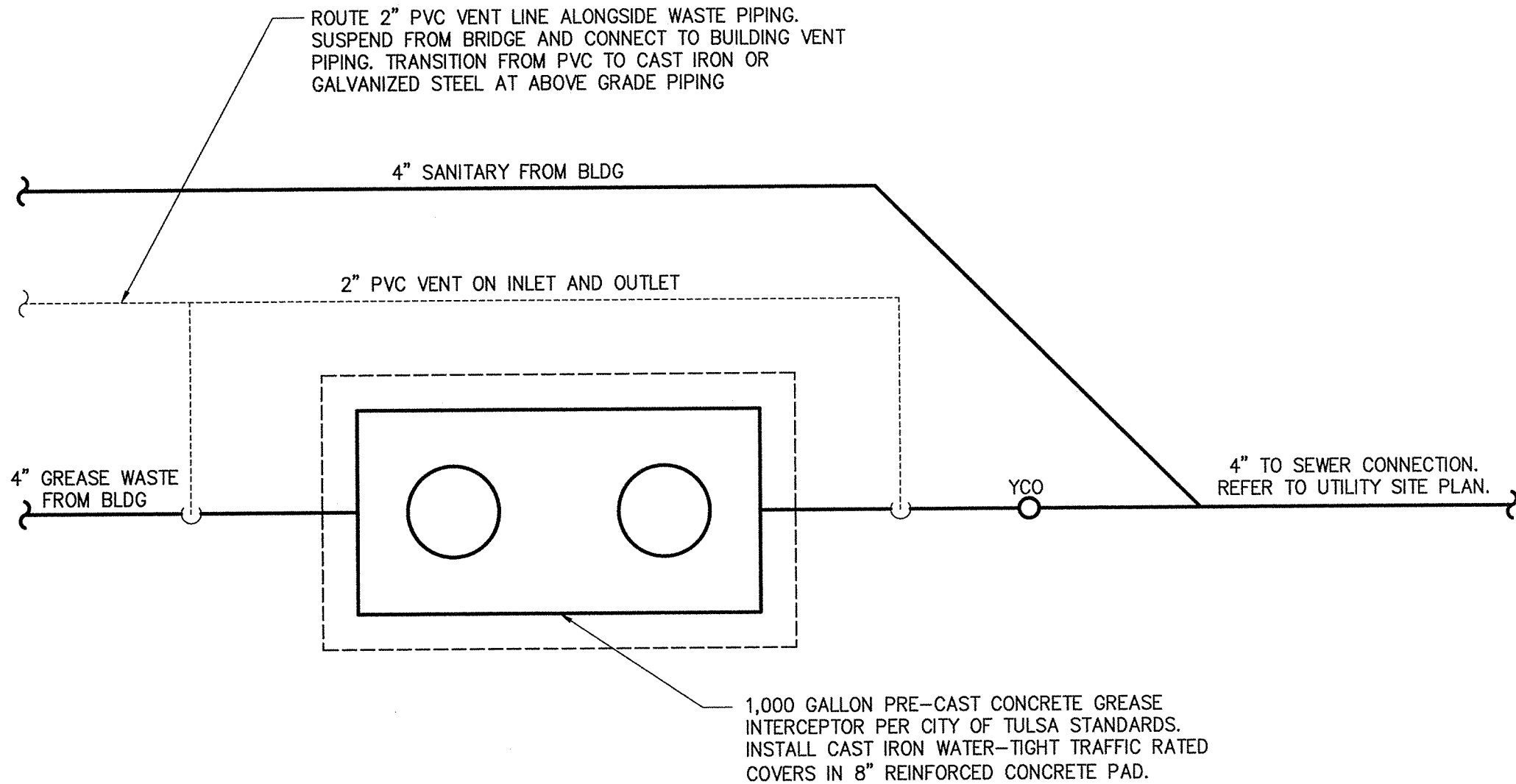
1. USE MANUFACTURER'S STANDARD EXHAUST CONNECTORS, EXHAUST ELBOWS, SIZED PER VENT SIZES INDICATED ABOVE.

2. USE MANUFACTURER'S STANDARD VENT TERMINALS, SIZED PER VENT SIZES INDICATED ABOVE.

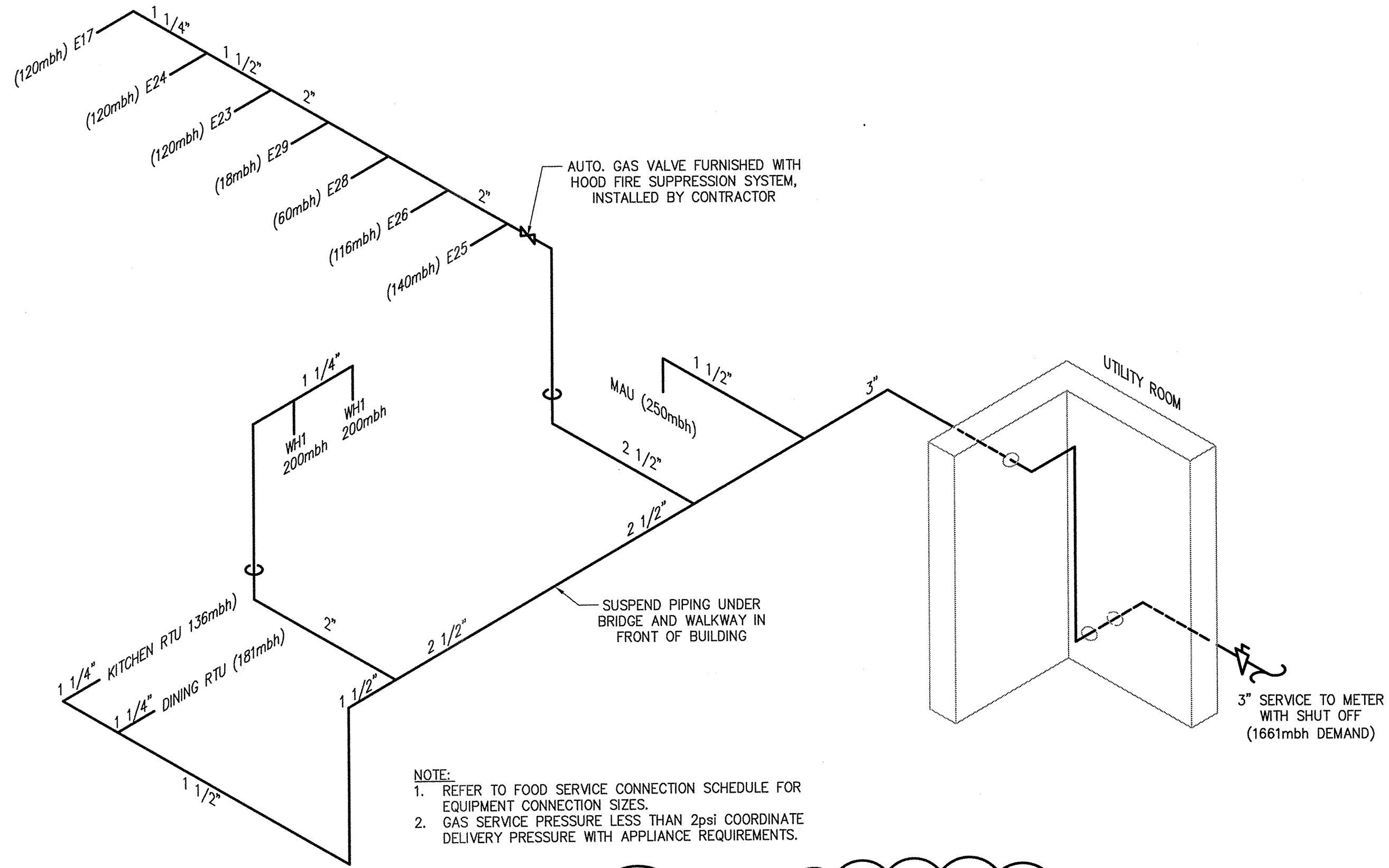
3. USE MANUFACTURER'S STANDARD CONCENTRIC EXHAUST TERMINAL SIZED PER VENT SIZES INDICATED ABOVE.



4 UTILITY ROOM
1/4"=1'-0"



3 GREASE INTERCEPTOR
NTS

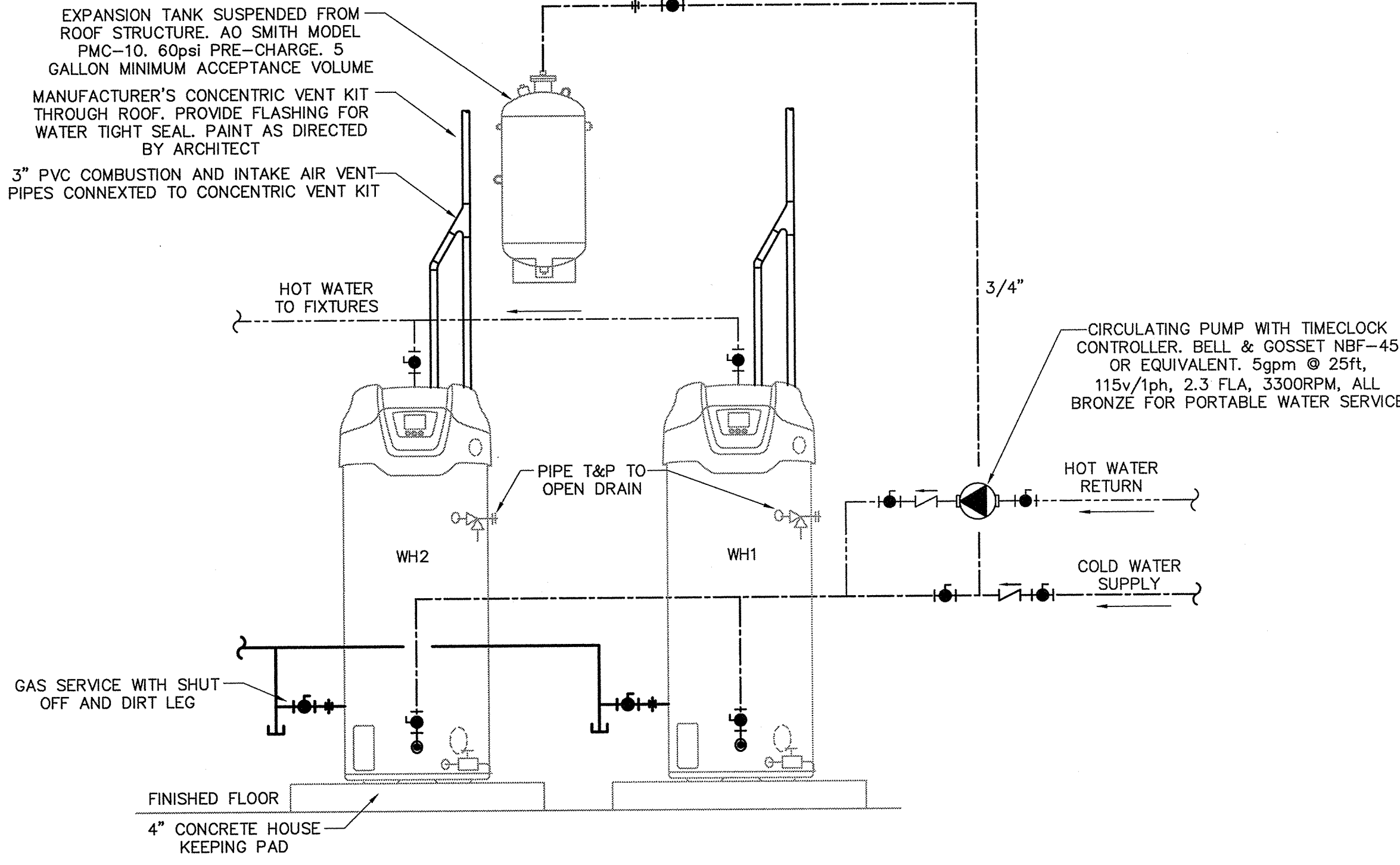


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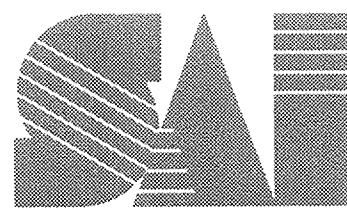
1. REFER TO FOOD SERVICE CONNECTION SCHEDULE FOR EQUIPMENT CONNECTION SIZES.

2. GAS SERVICE PRESSURE LESS THAN 2psi COORDINATE DELIVERY PRESSURE WITH APPLIANCE REQUIREMENTS.

2 GAS PIPE SCHEMATIC
NTS



1 WATER HEATER PIPING
NTS



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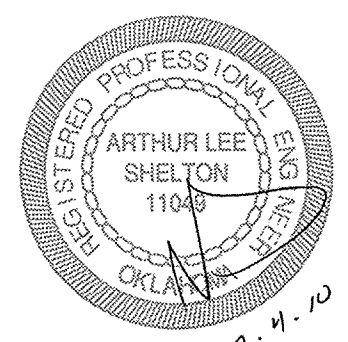
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SHEET NAME
PLUMBING
SCHEDULES AND DETAILS

SHEET NUMBER
P003

PLUMBING FIXTURE SCHEDULE

UNIT DESIGNATION		P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13	P14	WCO
FIXTURE TYPE		WATER CLOSET WALL MOUNTED FLUSH VALVE	WATER CLOSET WALL MOUNTED FLUSH VALVE	URINAL WALL MOUNTED FLUSH VALVE	LAVATORY WALL MOUNTED RECTANGULAR	LAVATORY UNDER MOUNT ROUND	MOP BASIN FLOOR MOUNTED	APPLIANCE WATER SUPPLY	WALL HYDRANT FREEZE PROOF	FLOOR DRAIN FINISHED AREA	FLOOR DRAIN UNFINISHED AREA	FLOOR SINK	FLOOR SINK	FLOOR SINK	WALL HYDRANT HOT & COLD NON-FREEZE PROOF	WALL CLEANOUT
ADA COMPLIANT		NO	YES	YES	YES	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
DESCRIPTION	MATERIAL	VITREOUS CHINA	VITREOUS CHINA	VITREOUS CHINA	VITREOUS CHINA	STAINLESS STEEL	MOLDED STONE	PAINTED STEEL	POLISHED	POLISHED	POLISHED	A.R.E. ON C.I.	A.R.E. ON C.I.	A.R.E. ON C.I.	STAINLESS STEEL	STAINLESS STEEL
	COLOR	WHITE	WHITE	WHITE	WHITE		WHITE	20GA BOX	BRONZE	NICKEL BRONZE	BRONZE	WHITE	WHITE	WHITE		COVER
DIMENSIONS (INCHES)					21"x18"	12" DIA X 6 " DP	24"x24"x10"	6"x6"x2 1/2"				12"x12"x6" DEEP	8"x8"x6" DEEP	12"x12"x10" DEEP		
MANUFACTURER		AMERICAN STD	AMERICAN STD	AMERICAN STD	AMERICAN STD	ELKAY	FIAT	OATEY		ZURN	ZURN	ZURN	ZURN	ZURN	ZURN	ZURN
MODEL NUMBER		3351.160	3351.160	6590.005	0355.012 4" CENTER HOLES	ELUH12	MSB-2424	38689	Z-1300	Z-415H	Z-415E	Z-1900-K	Z-1910-K	Z-1902-K	Z-1350	Z-1446
TRIM	FLUSH VALVE	SLOAN OPTIMA 111 ES-S (1.6 GPF)	SLOAN OPTIMA 111 ES-S (1.6 GPF)	SLOAN OPTIMA 186-0.5 ES-S (0.5 GPF)												
	SEAT	AM. STD. 5901.110	AM. STD. 5901.110													
	CARRIER	ZURN SERIES 1200	ZURN SERIES 1200	ZURN SERIES 1200	ZURN 1231 CONCEALED ARM											
	FAUCET				AM STD 7385.003	AM STD 7385.003	FIAT 830-AA FAUCET									
	DRAIN				GRID STRAINER	ELKAY GRID STRAINER W/OFFSET TAILPIECE	DOMESTIC STRAINER			6" DIA. TYPE H STRAINER	7" DIA TYPE E, STRAINER W/ 4" FUNNEL	3/4 GRATE	1/2 GRATE	3/4 GRATE		
	TEMPERING VALVE (SET POINT-DEG. F)				ASSE 1070 POWERS SERIES LM495 (110 DEG F)	ASSE 1070 POWERS SERIES LM495 (105 DEG F)										
	MISCELLANEOUS				VANDAL RESIST 0.5 GPM AERATOR WRIST BLADES	VANDAL RESIST 0.5 GPM AERATOR	832-AA HOSE & BRACKET, 889-CC MOP RACK, ST. STL. WALL GUARD.	1/4 TURN ANGLE VALVE, COMPRESSION FITTING	LOOSE KEY COVER LOCK AND VALVE			ALUM. DOME STRAINER.	ALUM. DOME STRAINER.	ALUM. DOME STRAINER.	LOOSE KEY COVER LOCK AND VALVE	CLEANOUT TEE WITH STAINLESS STEEL COVER
LINE SIZES	WASTE (NOTE F) (INCHES)	4"	4"	2"	1 1/2"	1 1/2"	3"	---	---	2"	3"	2"	2"	3"	---	SEE PLANS
	VENT (INCHES)	2"	2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	---	---	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	---	
	COLD (INCHES)	1"	1"	3/4"	1/2"	1/2"	3/4"	3/8"	3/4"	---	---	---	---	---	3/4"	
	HOT (INCHES)	---	---	---	1/2"	1/2"	3/4"	---	---	---	---	---	---	---	3/4"	
	TEMPERED	---	---	---	1/2"	1/2"	---	---	---	---	---	---	---	---	---	

REMARKS

NOTES (APPLICABLE TO ALL FIXTURES)
A. REFER TO ARCHITECTURAL ELEVATIONS FOR FIXTURE MOUNTING HEIGHTS. MOUNT TO ADA REQUIREMENTS WHERE INDICATED.
B. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
C. PROVIDE STAINLESS STEEL BELLOWS TYPE WATER HAMMER ARRESTORS ON WATER LINES CONNECTED TO SOLENOID VALVES, FLUSH VALVES, AND TO FIXTURE GROUPS OR INDIVIDUAL FIXTURES COMPLETE WITH ACCESSIBLE ISOLATION VALVE. FURNISH WHERE INDICATED OR REQUIRED. SHOCK ABSORBERS SHALL BE PROPERLY SIZED, PROPERLY LOCATED IN AN EFFECTIVE RANGE FROM EQUIPMENT, AND IN ACCORDANCE WITH THE PDI STANDARD WH201.
D. PROVIDE FLEXIBLE CHROME PLATED SUPPLIES WITH LOOSE-KEY STOPS AND ESCUTCHEONS AT WATER SUPPLIES TO EACH FIXTURE.
E. DIMENSIONS SHOWN ABOVE ARE NOMINAL.
F. MINIMUM UNDERGROUND WASTE PIPE SIZE IS 2".

REMARKS (APPLICABLE IF NOTED ABOVE)
1. INSTALL PLUMBEREX CLEAR SHIELD OR EQUAL, CLEAR PROTECTIVE COVERS WITH TAMPER RESISTANT FASTENERS ON DRAIN LINE AND WATER SUPPLIES/STOP VALVES FOR ADA COMPLIANT INSTALLATION.
2. PROVIDE 17 GAUGE CHROME PLATED P-TRAP WITH CLEANOUT, INSTALL WASTE ELBOW AT BOTTOM OF BOWL AND PIPE HORIZONTALLY BACK TO P-TRAP INSTALLED AGAINST WALL.
3. CONNECT 3/8" VALVED HOT WATER CONNECTION AND DRAIN HOSE TO DISHWASHER.
4. PROVIDE GARBAGE DISPOSER, IN-SINK-ERATOR EVOLUTION COMPACT MODEL, 3/4 HP, 120V/1PH/60HZ. COORDINATE INSTALLATION WITH ELECTRICAL CONTRACTOR.
5. TEMPERING VALVE TO BE CONNECTED TO FIXTURE HOT WATER SUPPLY. INSTALL UNDER LAVATORY OR SINK IN ACCESSIBLE LOCATION. (UNIT MAY BE INSTALLED BEHIND REMOVABLE COUNTER SKIRT.)
6. PROVIDE MODEL LK APR EZL STAINLESS STEEL APRON AT UPPER UNIT FOR ADA COMPLIANCE WITHOUT AN ADJACENT WING WALL.
7. MOUNT WALL HYDRANT AT 18" AFF (UNLESS NOTED OTHERWISE).
8. ROUTE 1/2" DRAIN LINE FROM INLET FITTING DRAIN HOLE TO AN ADJACENT PLUMBING VENT.
9.120 VOLT AUTO FLUSH VALVE WITH MANUAL OVERRIDE BUTTON TO INCLUDE ANGLE STOP BUMPER (FOR OPEN FROM SEAT WITHOUT COVER). PROVIDE 120 VOLT/24 VOLT 50 VA TRANSFORMER FOR EVERY 10 FIXTURES, OR AS REQUIRED BY MANUFACTURER.
10.120 VOLT AUTO FLUSH VALVE. PROVIDE 120 VOLT/24 VOLT 50 AC TRANSFORMER FOR EVERY 10 FIXTURES (GROUP WITH ADJACENT WATER CLOSETS) OR AS REQUIRED BY MANUFACTURER.

FOOD SERVICE EQUIPMENT PLUMBING CONNECTION SCHEDULE

FIXTURE MARK		E14	E15	E16	E17, E23, E24	E25	E26	E28	E29	E31	E33	E34	E36A, E37A, E52A, E58A	E36B, E37B, E52B, E58B	E38, E51, E57	E39,E53, E59	E40	E41, E50	E42, E54	E48	E55
DESCRIPTION		DISHWASHER	SOILED DISH TABLE	3 COMP SINK	FRYER	RANGE	CHARBROILER	GRIDDLE	SALAMANDER	HOT FOOD TABLE	ICEMAKER	ICE BIN	ICE BIN	BLENDER STA	HAND SINK	PORT. ICE BIN	CORNER WORKBOARD	DRAINBOARD	4 COMP SINK	PREP. SINK	DW HOOD
NATURAL GAS	SIZE [IN]				3/4	3/4	3/4	3/4	1/2												
	LOCATION				6" AFF	18" AFF	18" AFF	18" AFF	36" AFF												
	INPUT MBH (EACH)				120	140	116	60	18												
	REMARKS				10	7	7	H	7												
COLD WATER	SIZE [IN]	1/2	1/2	1/2							1/2			1/2	1/2				1/2	1/2	
	LOCATION	6" AFF	BACKSPASH	BACKSPASH							42" AFF			BACKSPASH	BACKSPASH				BACKSPASH	BACKSPASH	
	REMARKS	1	4	5							9			5	5				5	5	
														1/2	1/2				1/2	1/2	
HOT WATER	SIZE [IN]	3/4	1/2	1/2										1/2	1/2				1/2	1/2	
	LOCATION	6" AFF	BACKSPASH	BACKSPASH										BACKSPASH	BACKSPASH				BACKSPASH	BACKSPASH	
	REMARKS	2	4	5										5	5				5	5	
WASTE	SIZE [IN]	1 1/2	1 1/2	1 1/2						1"	3/4	1 1/2	3/4, 1 1/2	1 1/2	1 1/2	1	1 1/2	1 1/2	1 1/2	1 1/2	
	LOCATION	IND	WALL	IND						IND	IND	IND	IND	IND	WALL	IND	IND	IND	IND	IND	IND
	REMARKS	3	TRAPPED	6						8			11		TRAPPED	12			6		13
VENT	SIZE [IN]		1 1/2												1 1/2						
	LOCATION		WALL												WALL						
	REMARKS																				

ABBREVIATIONS

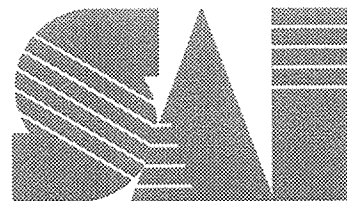
AFF = ABOVE FINISH FLOOR
BC = BELOW COUNTER TOP

FLR = FLOOR
IND = INDIRECT

NOTES [APPLICABLE TO ALL ITEMS]
A. FIXTURE MARKS MATCH ARCHITECTURAL DRAWINGS, AND WILL NOT NECESSARILY BE NUMBERED IN SEQUENTIAL ORDER.
B. UNLESS OTHERWISE NOTED, ITEMS ABOVE ARE FURNISHED BY OTHERS. FAUCETS ARE TO BE INSTALLED BY PLUMBING CONTRACTOR
C. DIMENSIONS SHOWN ARE APPROXIMATE. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO INSTALLATION WITH ACTUAL EQUIPMENT BEING FURNISHED.
D. ROUTE INDIRECT DRAINS OVER NEAREST ADJACENT FLOOR SINK OR FLOOR DRAIN WITH AIR GAP PER CODE. PROVIDE ADEQUATE SUPPORT TO FLOOR, WALLS OR EQUIPMENT TO PREVENT MOVEMENT.
E. PROVIDE SHUT-OFF VALVE AND CODE APP'D. FLEXIBLE CONNECTOR AT ALL GAS APPLIANCE CONNECTIONS.
F. PROVIDE STOP VALVES ON ALL DOMESTIC WATER CONNECTIONS.

REMARKS

1. INSTALL DRAIN WATER TEMPERING KIT FURNISHED WITH DISHWASHER.
2. INSTALL PRESSURE REGULATING VALVE FURNISHED WITH DISHWASHER.
3. INSTALL WATER HAMMER ARRESTOR FURNISHED WITH DISHWASHER.
4. INSTALL PRE-RINSE UNIT FURNISHED WITH DISHWASHER.
5. INSTALL FAUCET FURNISHED WITH SINK.
6. CONNECT 1 1/2" COMPARTMENT DRAINS TO 2" INDIRECT DRAIN HEADER ROUTED OVER FLOOR SINK.
7. INSTALL GAS PRESSURE REGULATOR FURNISHED WITH UNIT.
8. CONNECT 1/2" COMPARTMENT DRAIN VALVES TO 1" INDIRECT DRAIN HEADER ROUTED OVER FLOOR SINK.
9. INSTALL WATER FILTER FURNISHED WITH ICE MAKER. FURNISH AND INSTALL WATER PRESSURE REGULATOR AND WATER HAMMER ARRESTOR PER MANUFACTURER'S REQUIREMENTS.
10. FURNISH AND INSTALL GAS PRESSURE REGULATOR PER MANUFACTURER'S REQUIREMENTS.
11. ROUTE TWO INDIRECT DRAINS OVER FLOOR SINK.
12. CONNECT 4 FT. CLEAR POLY TUBING TO DRAIN VALVE.
13. ROUTE CONDENSATE DRAIN TO FLOOR SINK. COORDINATE SIZE WITH HOOD ROOMS.



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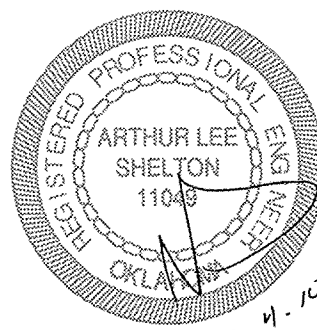


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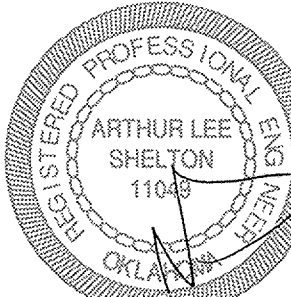
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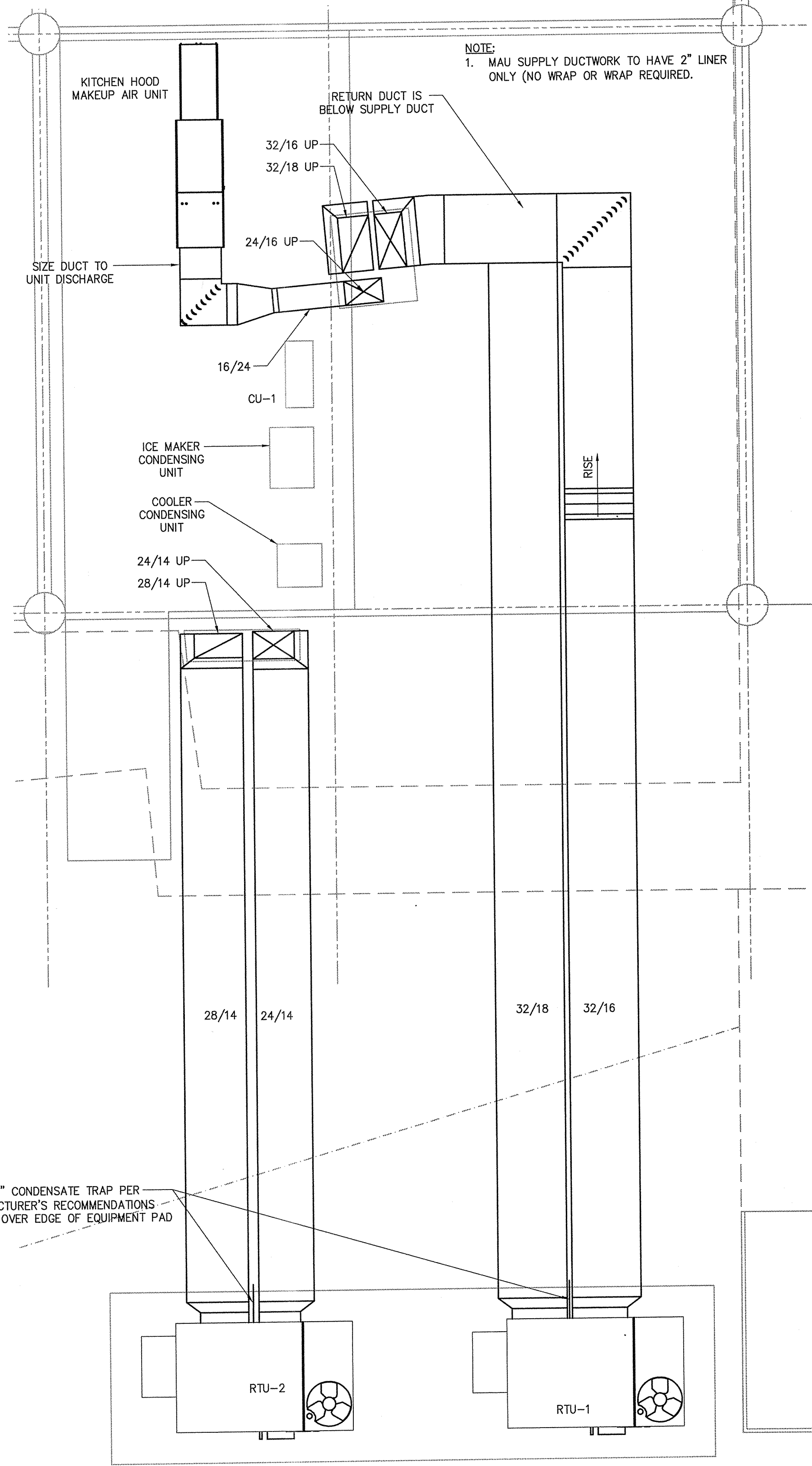


SHEET NAME
PLUMBING SCHEDULES

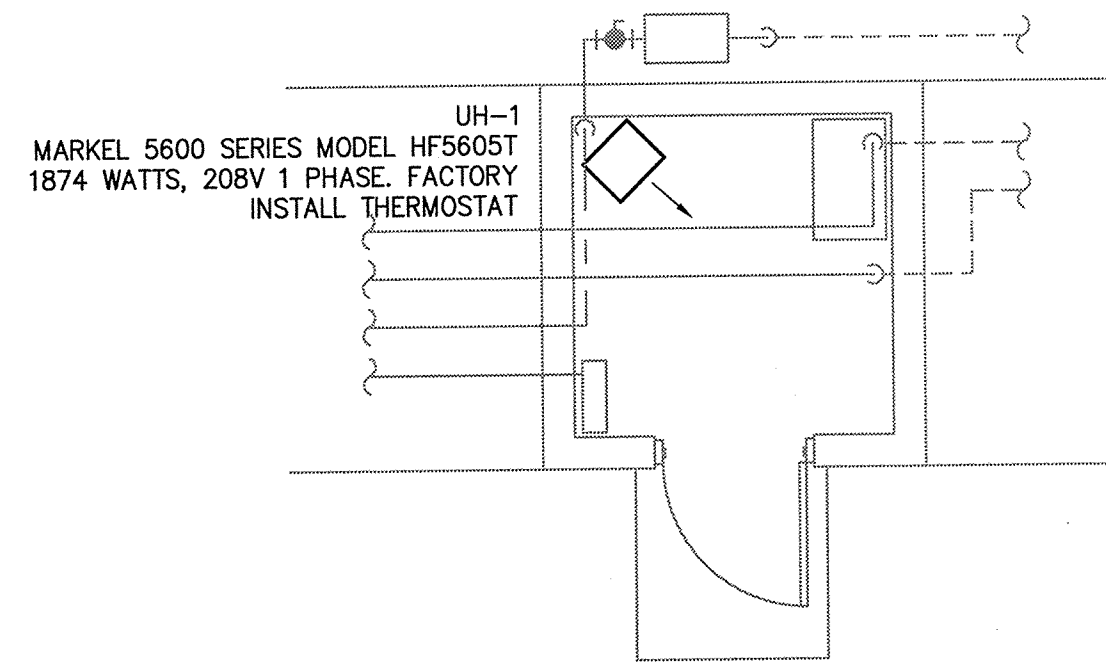
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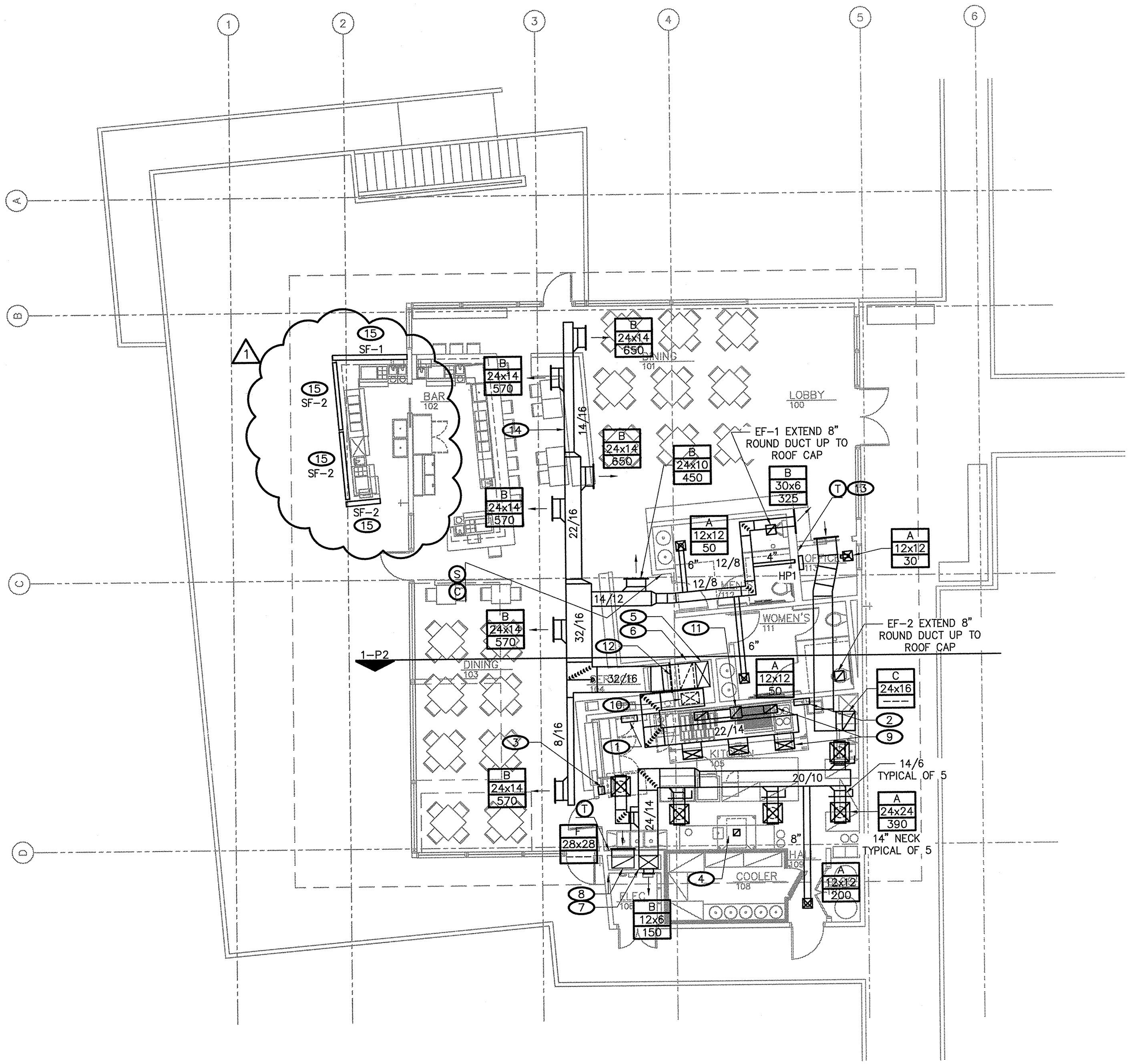
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2 EQUIPMENT PAD
1/4"=1'-0"



3 UTILITY ROOM
1/4"=1'-0"



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

SHEET NOTES

1. ANSUL SYSTEM CABINET. MOUNT AS HIGH AS POSSIBLE BELOW CEILING
2. EXHAUST HOOD/MAKEUP AIR EMS CONTROL PANEL
3. ANSUL SYSTEM MANUAL PULL STATION
4. 8"x8" DUCT UP TO EXHAUST FAN ON ROOF. REFER TO CAPTIVEAIRE DRAWINGS FOR FAN AND FAN INSTALLATION INFORMATION.
5. 32/16 DOWN. REF EQUIPMENT PLATFORM FOR CONTINUATION
6. 32/18 DOWN. REF EQUIPMENT PLATFORM FOR CONTINUATION
7. 24/16 DOWN. REF EQUIPMENT PLATFORM FOR CONTINUATION
8. 28/14 DOWN. REF EQUIPMENT PLATFORM FOR CONTINUATION
9. MATCH DUCT SIZE TO HOOD DUCT CONNECTION
10. 22/14 DOWN. REF EQUIPMENT PLATFORM FOR CONTINUATION
11. 14/14 DUCT UP TO EXHAUST FAN ON ROOF. REFER TO CAPTIVEAIRE DRAWINGS FOR FAN AND FAN INSTALLATION INFORMATION.
12. 32x36 TYPE F RETURN GRILL IN WALL. MOUNT AS HIGH AS POSSIBLE
13. RTU-1 PROGRAMMABLE THERMOSTAT
14. CONTRACTOR TO PROVIDE ALTERNATE PRICING FOR LINED SPIRAL DUCT FOR EXPOSED DUCTWORK IN DINING AREA.
15. COORDINATE WITH ARCHITECTURAL AND GENERAL CONTRACTOR PRIOR TO PURCHASE AND INSTALLATION OF SF2

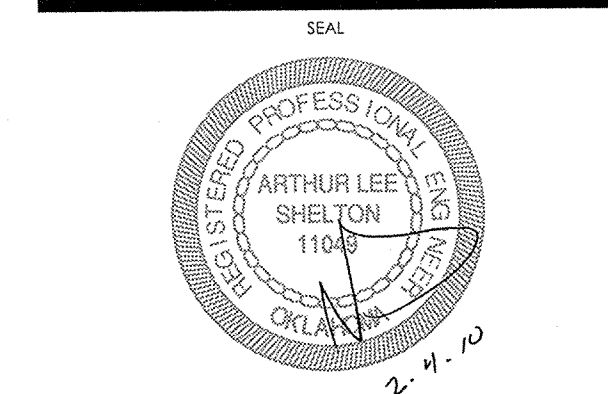


Shelton and Associates, INC.
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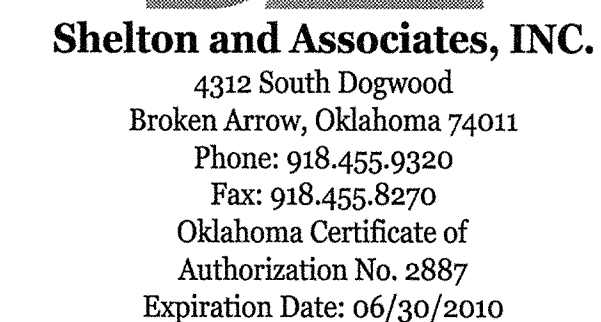
Blue Rose Cafe
1924 South Riverside Drive West
Tulsa, OK 74137

REV.	DATE	DESCRIPTION
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SHEET NAME
MECHANICAL FLOOR PLAN

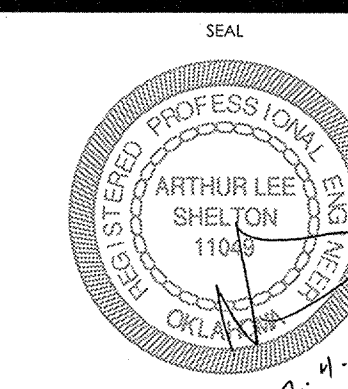
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Blue Rose Cafe
1924 South Riverside Drive West
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REV.	DATE	DESCRIPTION
	2/3/10	REVISION #1

ISSUE DATE	01-22-10
PROJECT NUMBER	09-026.00
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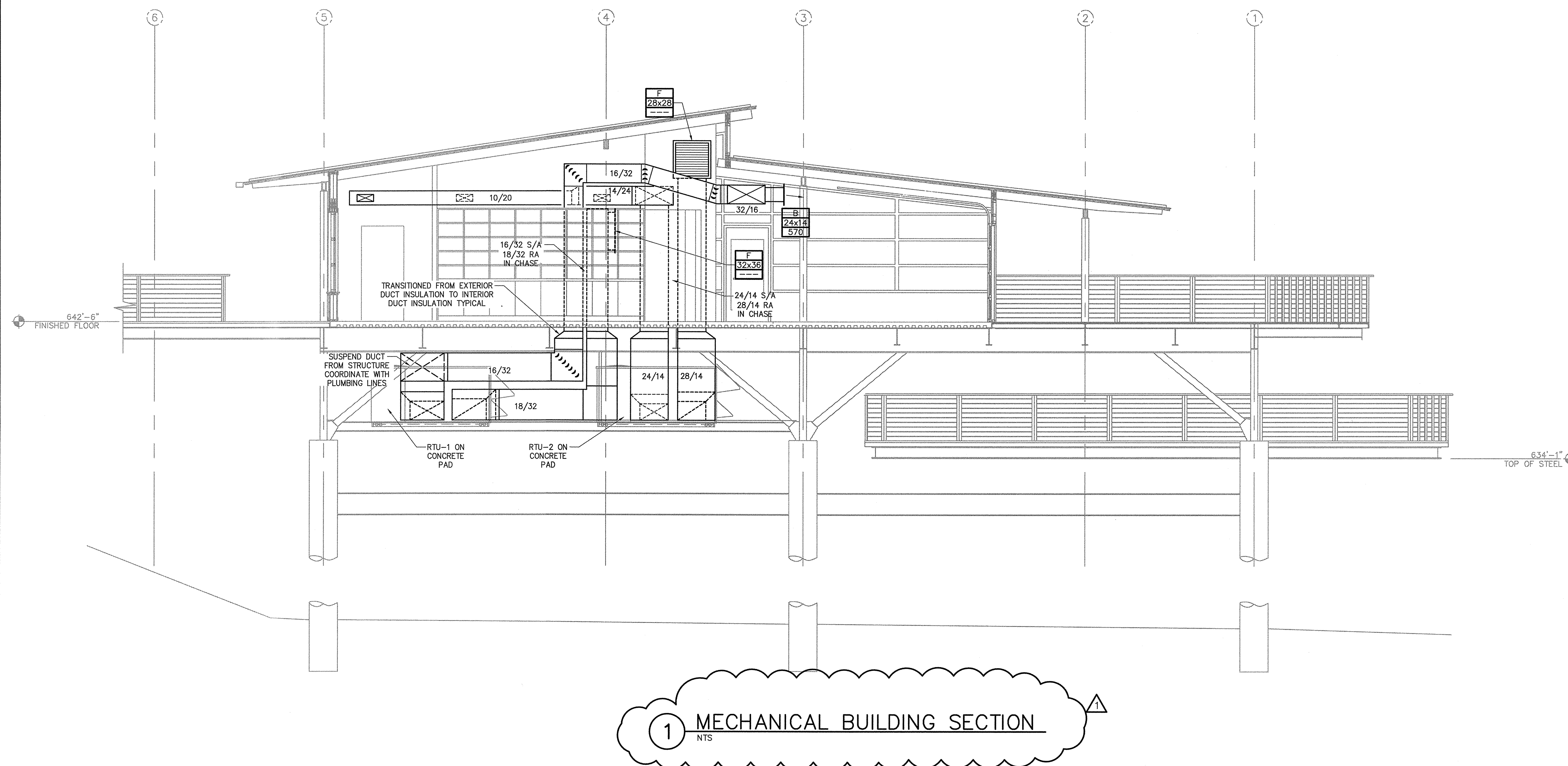


SHEET NAME

MECHANICAL SECTIONS

SHEET NUMBER

M002



ROOFTOP UNIT SCHEDULE

UNIT DESIGNATION			RTU-1	RTU-2	
MANUFACTURER			Carrier	Carrier	
MODEL NO.			48PGDC14-D-5-BV	48PGDC08-D-5	
UNIT ARRANGEMENT			SIDE IN/OUT	SIDE IN/OUT	
WEIGHT (LBS.)			1400	1217	
NOMINAL COOLING CAPACITY-TONS			12.5	7.5	
MINIMUM EER (ARI CONDITIONS)			11.4	12.5	
CABINET CONSTRUCTION			DOUBLE WALL	DOUBLE WALL	
VENTILATION (OUTSIDE AIR)	CFM			160	
	MAXIMUM CFM		1800		
	MINIMUM CFM		450		
	VOLUME CONTROL		DAMPER		
	ECONOMIZER		YES	YES	
ECONOMIZER CONTROL			ENTHALPY	ENTHALPY	
SUPPLY FAN	AIR FLOW-CFM		4500	2300	
	EXTERNAL STATIC PRESSURE-IN. WG		0.6	0.65	
	DRIVE		BELT	BELT	
	HORSEPOWER		3	2	
	RPM		890	1021	
	TYPE		FC	FC	
	NUMBER FAN WHEELS		1	1	
	RADIATED	63 HZ	86.2	91.7	
		125 HZ	85.9	83.6	
		250 HZ	85.3	81	
		500 HZ	81.8	77.9	
		1000 HZ	78.2	75	
	OPERATING STATIC PRESSURE	2000 HZ	72.2	69.9	
		4000 HZ	67.9	66	
		8000 HZ	59.9	59.3	
		63 HZ	87.7	81.8	
		125 HZ	86.3	75.5	
	DISCHARGE	250 HZ	79.9	67.2	
		500 HZ	77.7	57.6	
		1000 HZ	73.5	55.1	
		2000 HZ	69.9	55.3	
		4000 HZ	71.6	49.4	
8000 HZ		66.4	62.7		
COOLING COIL, REFRIGERANT	TOTAL CAPACITY-MBH		161.33	82.59	
	SENSIBLE CAPACITY-MBH		117.68	73.53	
	OUTDOOR AMBIENT TEMP.-DEG. F.		99.4	99.4	
	ENT. DRY BULB AIR TEMP.-DEG. F.		85.3	84.6	
	ENT. WET BULB AIR TEMP.-DEG. F.		69.9	65.9	
	LVG. DRY BULB AIR TEMP.-DEG. F.		61.1	55	
	LVG. WET BULB AIR TEMP.-DEG. F.		59.2	54	
	REFRIGERANT TYPE		R-410A	R-410A	
	NO. COMPRESSORS		3	2	
	COMPRESSOR TYPE		SCROLL	SCROLL	
	NO. CIRCUITS/STAGES		3	2	
	HEATING, GAS	FUEL TYPE		NAT. GAS	NAT. GAS
INPUT-MBH		181	136		
OUTPUT-MBH		148.4	111.5		
NO. STAGES		2	2		
ENT. AIR TEMP.-DEG. F.		70	70		
LVG. AIR TEMP.-DEG. F.		100.5	114.9		
REGULATOR INLET PRESS.-PSIG			0.5	0.5	
AIR FILTERS	SUPPLY AIR PRE-FILTER	TYPE	DISPOSABLE	DISPOSABLE	
		DEPTH	2"	2"	
		MERV NO.-ASHRAE 52.2	8	8	
ELECTRICAL	VOLTAGE		208	208	
	PHASE		3	3	
	HERTZ		60	60	
	FULL LOAD AMPERES		73	43	
	MINIMUM CIRCUIT AMPACITY		69.2	40.9	
	MINIMUM OVERCURRENT PROTECTION-AMPS		90	50	
ACCESSORIES			3,4,6,7,9,11	3,4,6,7,10	

NOTES

- A. UNIT STATIC PRESSURE AND FAN HORSEPOWER GIVEN FOR SEAL LEVEL CONDITIONS UNLESS OTHERWISE NOTED.
PROVIDE UNIT SUITABLE FOR CONDITIONS AT SITE ELEVATION.
- B. INTERLOCK RTU-1 WITH KITCHEN EXHAUST HOOD.

FACTORY ACCESSORIES

1. NON-POWERED 120V. GFI CONVENIENCE OUTLET.
2. THROUGH THE BASE ELECTRICAL WITH DISCONNECT SWITCH.
3. HINGED ACCESS DOORS.
- 4.DISCONNECT SWITCH
5. SUPPLY AIR SMOKE DETECTOR
- 6.RETURN AIR SMOKE DETECTOR
7. CONDENSER COIL GUARDS.
8. COMMUNICATION INTERFACE FOR CONNECTION TO BACNET COMPATIBLE BUILDING CONTROL PANEL.
9. SPACE TEMPERATURE SENSOR WITH REMOTE MOUNTED SEVEN DAY PROGRAMMABLE THERMOSTAT.
10. SEVEN DAY PROGRAMMABLE THERMOSTAT
11. CARBON DIOXIDE SENSOR FOR VENTILATION AIR CONTROL.
12. STAINLESS STEEL COIL DRAIN PAN.
13. SEA COAST CORROSION PROTECTION

FAN SCHEDULE

UNIT DESIGNATION		EF-1	EF-2	KEF-1	KEF_2	SF-1	SF-2
SERVICE		Toilet	Toilet	Kitchen Hood	Dishwasher Hood	Outdoor Bar	Outdoor Bar
MANUFACTURER		COOK	COOK	Ref hood plans	Ref hood plans	Powered Aire	Powered Aire
MODEL NO.		GEMINI GC-320	GEMINI GC-320			MP 2-84	MP 2-72
WEIGHT (LBS.)		25	25			105	94
AIR FLOW-CFM		150	150	Ref hood plans	Ref hood plans	2678	2356
EXTERNAL STATIC PRESS.-IN. WG.		0.25	0.25				
CONFIGURATION		CEILING	CEILING			WALL	WALL
HOOD MATERIAL				Ref hood plans	Ref hood plans		
FAN TYPE		CENTRIFUGAL	CENTRIFUGAL				
WHEEL TYPE		FC	FC			FC	FC
DRIVE		DIRECT	DIRECT	Ref hood plans	Ref hood plans	DIRECT	DIRECT
FAN RPM		1365	1365				
TIP SPEED-FPS							
SOUND-SONES		3.3	3.3				
CURB SIZE-IN.				Ref hood plans	Ref hood plans		
CURB HEIGHT-IN.							
DAMPER							
MOTOR	HP	75 watts	75 watts	Ref hood plans		0.2	0.2
	RPM						
ELECTRICAL	VOLTAGE	120	120	Ref hood plans	Ref hood plans	120	120
	PHASE	1	1			1	1
	HERTZ	60	60			60	60
REMARKS		1,3,4,6,9	1,3,4,6,9	10		6,12	6,12

NOTES

1. STATIC PRESSURE AND MOTOR HORSEPOWER SHOWN ARE FOR STANDARD AIR CONDITIONS UNLESS NOTED OTHERWISE IN REMARKS.

REMARKS (APPLICABLE IF NOTED ABOVE)

1. FAN SPEED CONTROL MOUNTED ON UNIT FOR BALANCING
2. TIME DELAY LIGHT/FAN SWITCH. (FAN REMAINS ON 10 MINUTES (ADJUSTABLE) AFTER LIGHT SWITCH IS TURNED OFF.)
3. STEEL (ALUMINUM) GRILLE.
4. SUSPEND FROM STRUCTURE ON RUBBER IN SHEAR VIBRATION ISOLATORS.
5. SUSPEND FROM STRUCTURE ON SPRING VIBRATION ISOLATORS.
- 6.DISCONNECT SWITCH.
- 7.BIRDSCREEN.
- 8.BELT GUARD.
9. PROVIDE ROOF JACK
10. INTERLOCK WITH RTU, REFER TO RTU SCHEDULE
11. DOOR SWITCH
12. FAN OFF/ON SWITCH

GRILLE, REGISTER AND DIFFUSER SCHEDULE

UNIT DESIGNATION	A	B	C	F	
MANUFACTURER	TITUS	TITUS	TITUS	TITUS	
MODEL NO.	TMS	300 RL	8F	300R	
SERVICE	SUPPLY	SUPPLY	RETURN	RETURN	
TYPE	LOUVER	LOUVER	PERFORATED	LOUVER	
CONSTRUCTION	STEEL	STEEL	STEEL	STEEL	
NECK SIZE-IN.	SEE PLANS	SEE PLANS	SEE PLANS	SEE PLANS	
FACE SIZE-IN.	SEE PLANS	SEE PLANS	SEE PLANS	SEE PLANS	
THROW PATTERN	4 WAY	ADJUSTABLE			
CFM OR CFM RANGE	SEE PLANS	SEE PLANS	SEE PLANS	SEE PLANS	
MAX. STATIC PRESS.DROP-IN. WG	0.035		0.050	0.05	
MAX. NOISE CRITERION	28		10	20	
MOUNTING	LAY-IN CLG.	WALL OR DUCT	LAY-IN CLG.	WALL OR DUCT	
FINISH	WHITE	WHITE	WHITE	WHITE	
DAMPER		OPOSED BLD			
REMARKS	5				

NOTES

1. REFER TO REFLECTED CEILING PLANS AND INTERIOR ELEVATIONS FOR EXACT LOCATION OF ITEMS.
2. REFER TO MECHANICAL FLOOR PLANS FOR CONFIGURATION DATA NOT SHOWN ABOVE.

REMARKS (APPLICABLE IF NOTED ABOVE)

1. BORDER TYPE 11, TYPE C CONCEALED FASTENER
2. PROVIDE SECTORIZING BAFFLES WHERE INDICATED ON PLANS.
3. BORDER TYPE 1. INSTALL 2" FARR 30/30 30% OR EQUAL AIR FILTERS
4. BORDER TYPE 1 FOR SURFACE MOUNTING
5. EQUALIZING GRID.
6. TYPE 7 BORDER (CHANNEL FRAME) FOR LAY-IN CEILING.
7. ALUMINUM CONSTRUCTION FOR WET ENVIRONMENT.
8. TYPE 3 BORDER, WITH R/A DUCT BOOT. REF. DETAIL J/M303.
9. PLASTER FRAME FOR GYP. CEILING.
10. WITH INSULATED PLENUM.
11. TYPE 3 LAY-IN BORDER.
12. LIGHT SHIELD PLENUM.

CONDENSING UNIT/HEAT PUMP SCHEDULE

UNIT DESIGNATION		CU-1/HP-1	
MANUFACTURER		Mitsubishi	
MODEL NO.		MUZ-FD09NA	
WEIGHT (LBS.)		23	
UNIT TYPE		HEAT PUMP	
NOMINAL CAPACITY-TONS REFRIGERATION		0.75	
EER/SEER (ARI CONDITIONS)		80/27	
OUTDOOR AMBIENT TEMP.-DEG. F.		95	
INDOOR UNIT DESIGNATION		MSZ-FD09NA	
ELECTRICAL	COMPRESSOR QTY	1	
	REFRIGERANT TYPE	R-410A	
	VOLTAGE	208	
	PHASE	1	
	HERTZ	60	
	MINIMUM CIRCUIT AMPACITY	12	
	MAX. OVERCURRENT PROTECTION	15	
		1,2,3,4,5,6,7	

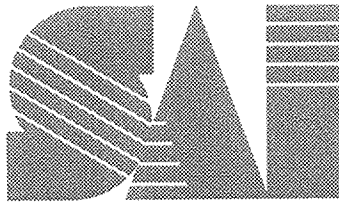
REMARKS

NOTE:

- A. REFRIGERANT PIPING TO BE SIZED BY THE EQUIPMENT MANUFACTURER FOR EACH INSTALLATION.

REMARKS (APPLICABLE IF NOTED ABOVE)

1. WALL MOUNTED THERMOSTAT
2. MOUNT EXTERIOR UNIT ON EQUIPMENT PLATFORM
3. INDOOR UNIT FIELD WIRED FROM OUTDOOR UNIT
4. EVAPORATOR FREEZE THERMOSTAT
5. SUPPORT FEET
6. LIQUID LINE SOLENOID VALVE
7. SHORT CYCLE PROTECTOR



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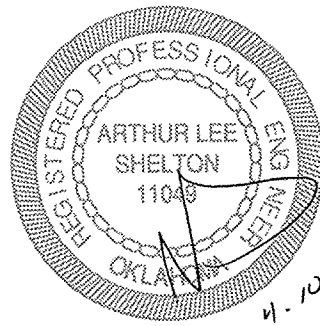
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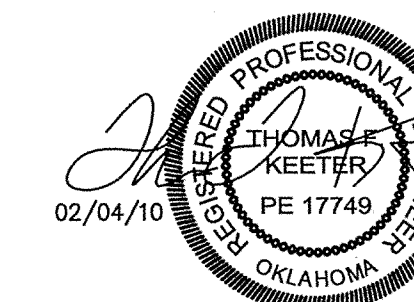
MECHANICAL SCHEDULES

SHEET NUMBER

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reedsdesign@gmail.com



Thomas F. Keeter, PE# 17749
TFK Engineering, Inc.
CofA# 5206 exp 6/2011

Blue Rose
CAFE

Blue Rose Cafe
1924 South Riverside Drive West
Tulsa, OK 74137

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ISSUE DATE **01/25/2010**
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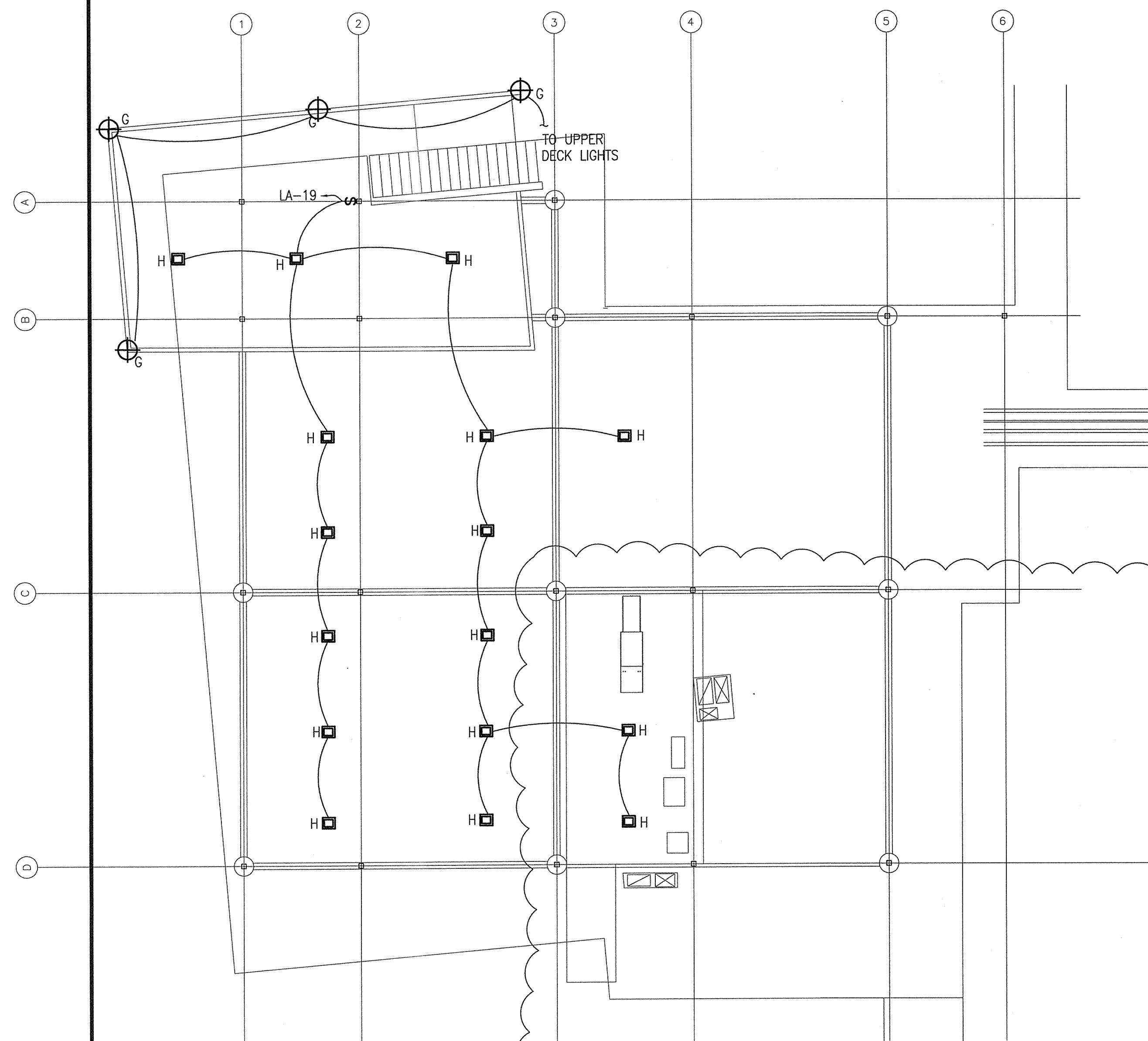
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LIGHTING PLAN

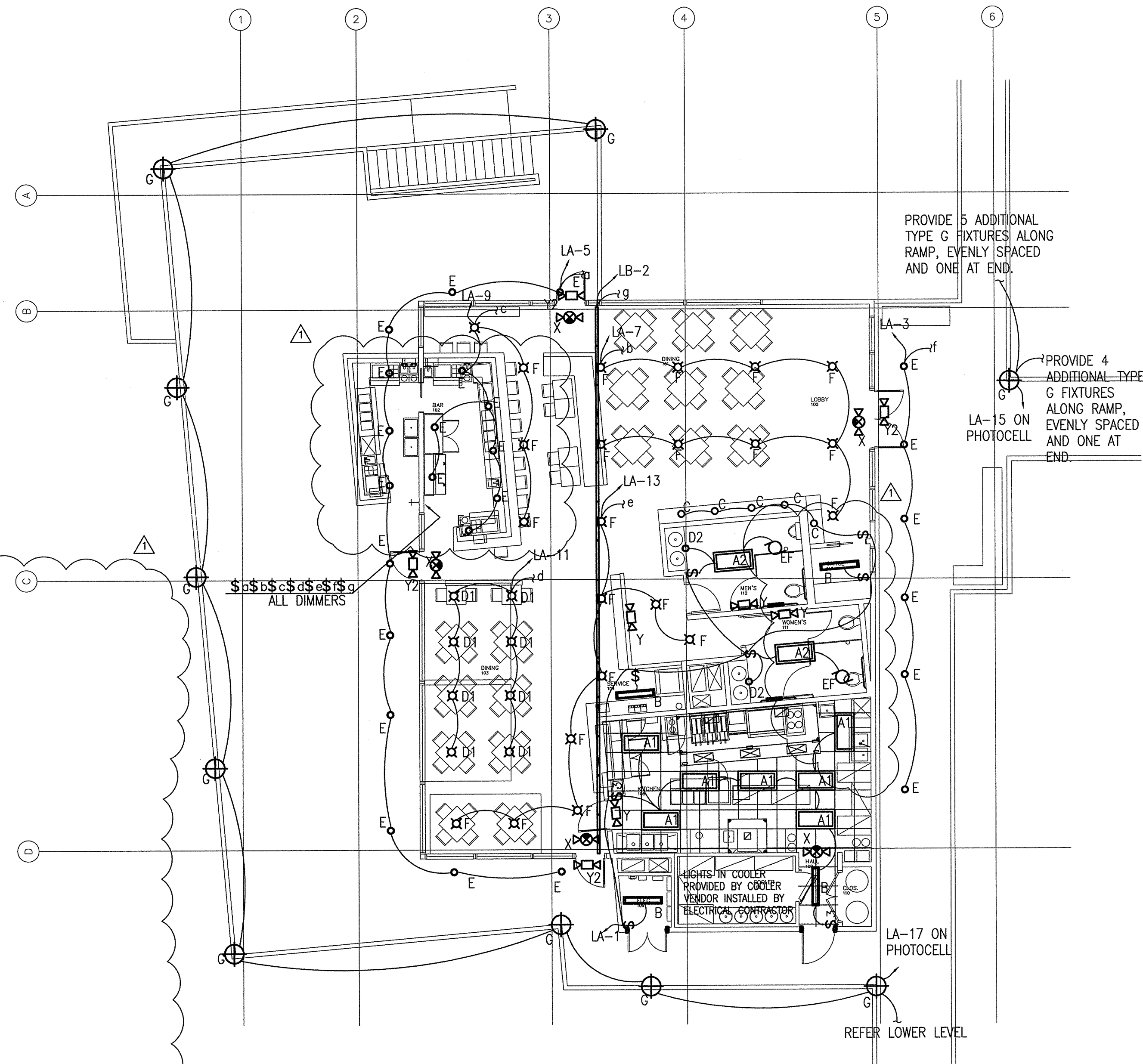
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E1.1

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



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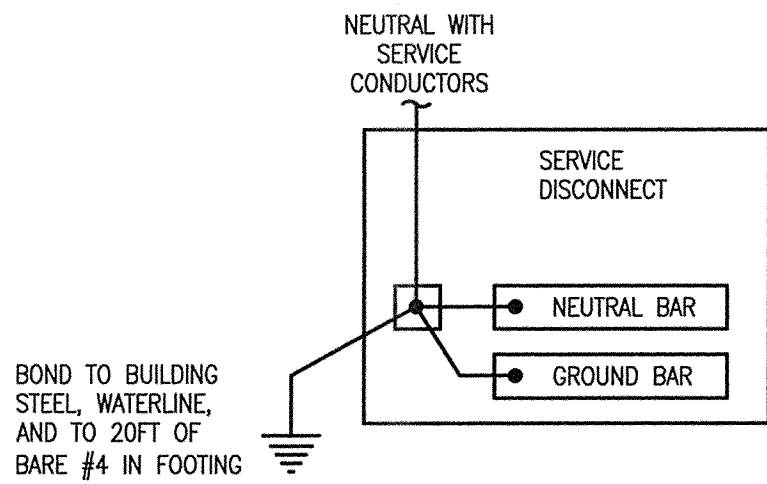


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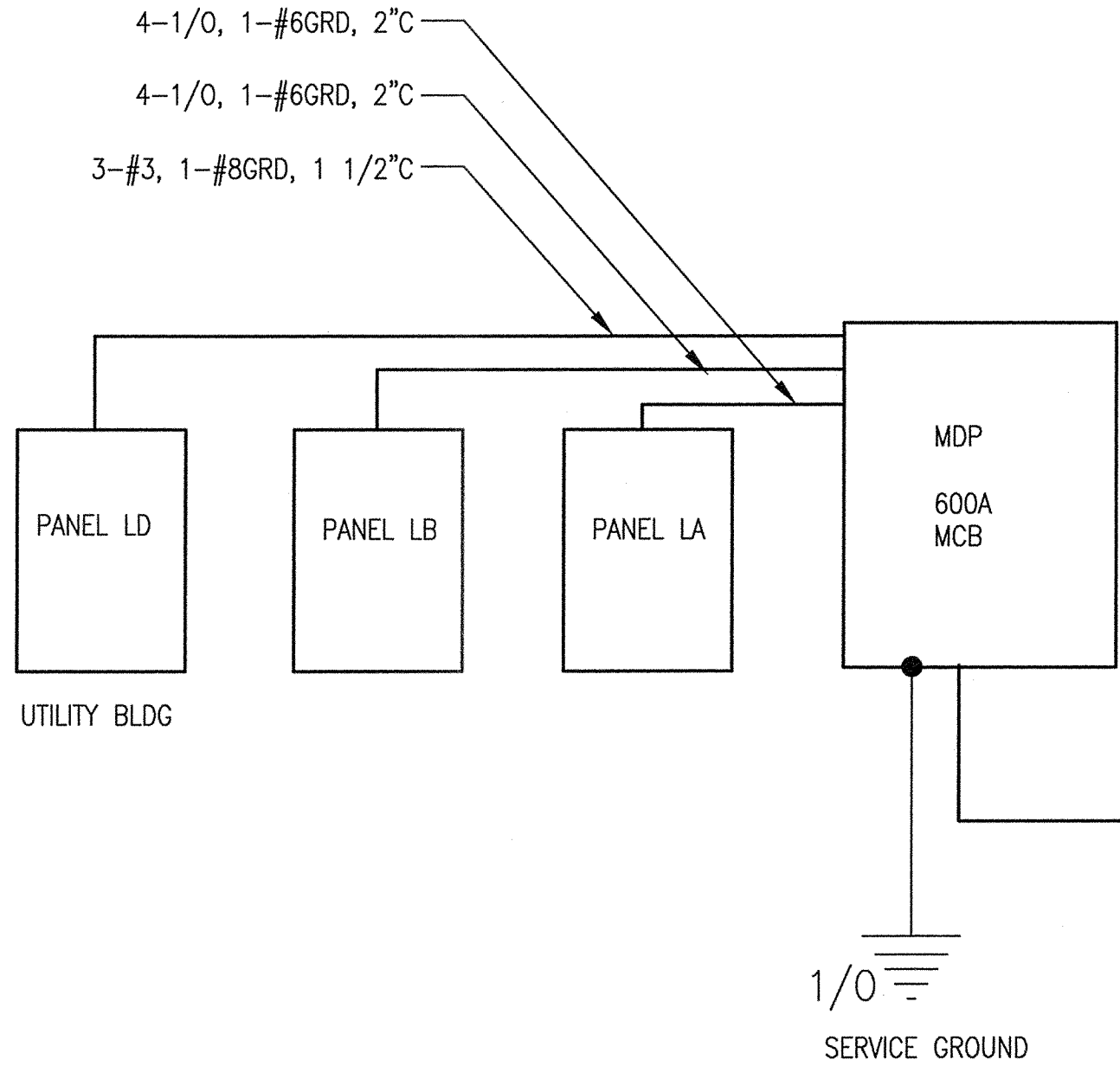
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KITCHEN AND BAR ELECTRICAL NOTES

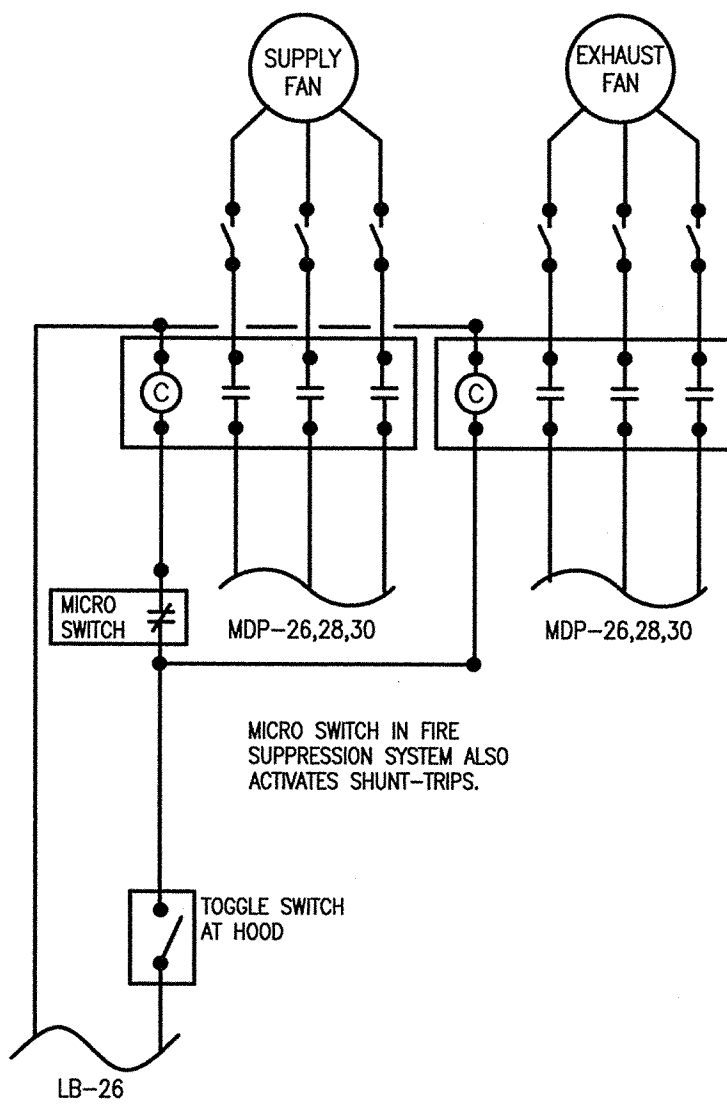
1. REFER TO KITCHEN EQUIPMENT CUT SHEETS FOR ROUGH-IN REQUIREMENTS AND EQUIPMENT CONNECTION PROVISIONS.
2. CONNECT SHUNT TRIPS TO OPERATE FROM HOOD FIRE SUPPRESSION SYSTEM CONTACT. SHUNT TRIPS OPERATE WITH HOOD ALARMS.
3. COORDINATE DISCONNECT LOCATIONS WITH EQUIPMENT PLACEMENT.
4. ALL RECEPTACLES IN KITCHEN AND BAR SHALL BE GFI.
5. ELECTRICAL PLANS ARE BASED ON PRELIMINARY EQUIPMENT INFORMATION WORK SHALL BE DONE BASED ON OWNER PROVIDED EQUIPMENT CUTSHEETS, AND IN ACCORDANCE WITH COORDINATION WITH OWNER.



B SERVICE GROUND DETAIL
SCALE: NTS



C SERVICE DETAIL
SCALE: NTS



A HOOD FAN CONTROL DETAIL
SCALE: NTS

ELECTRICAL GENERAL NOTES

1. PRIOR TO BID AND CONSTRUCTION SURVEY THE SITE TO DETERMINE ALL EXISTING CONDITIONS RELATED TO THE WORK. THIS INCLUDES ALL EXISTING UTILITIES.
2. ELECTRICAL CONTRACTOR TO COORDINATE THE MOUNTING HEIGHTS OF ALL RECEPTACLES WITH ARCHITECTURAL DETAILS OR OWNER.
3. ALL CIRCUITS SHALL HAVE AN EQUIPMENT GROUND WIRE ROUTED IN THE CONDUIT.
4. ALL 120V BRANCH CIRCUITS GREATER THAN 100' SHALL BE #10 THHN, MINIMUM.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING BREAKER SIZE AND DISCONNECT SIZE FOR EQUIPMENT WITH MECHANICAL CONTRACTOR AND WITH OWNER ON OWNER PROVIDED EQUIPMENT.
6. THE DRAWINGS ARE INTENDED TO COVER THE LAYOUT AND DESIGN OF THE WORK AND ARE NOT TO BE SCALED FOR MEASUREMENTS.
7. ANY CONNECTION TO OR RELOCATION OF EXISTING UTILITIES REQUIRING DISCONNECTION OF NORMAL UTILITY SERVICES SHALL BE SCHEDULED AND COORDINATED WITH THE OWNER OR HIS REPRESENTATIVE. PREMIUM TIME SHALL BE INCLUDED.
8. IN NO CASE SHALL THE UTILITIES BE LEFT DISCONNECTED AT THE END OF A WORKDAY WITHOUT PRIOR AUTHORIZATION FROM THE OWNER.
9. PROVIDE ALL EXCAVATION NECESSARY FOR INSTALLATION OF THE WORK INCLUDED. COMPLY WITH ALL APPLICABLE AND GOVERNING SAFETY REGULATIONS INCLUDING OSHA.
10. CONTRACTOR SHALL REPAIR ANY EXISTING FACILITIES DAMAGED DUE TO THE OPERATIONS OF THE CONTRACTOR.
11. WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE REQUIREMENTS OF ALL GOVERNING CODES, RULES AND REGULATIONS, INCLUDING THE FOLLOWING MINIMUM STANDARDS, WHETHER STATUTORY OR NOT:
 1. NATIONAL ELECTRICAL CODE (NEC).
 2. NATIONAL FIRE PROTECTION ASSOCIATION (NFPA).
 3. INTERNATIONAL BUILDING CODE (IBC).
 4. AMERICANS WITH DISABILITIES ACT (ADA).
12. CONTRACTOR SHALL PROCURE AND PAY FOR ALL REQUIRED PERMITS AND LICENSES.
13. GUARANTEE EACH NEW SYSTEM AND EACH ELEMENT THEREOF AGAINST ANY DEFECT DUE TO FAULTY WORKMANSHIP, DESIGN OR MATERIAL FOR A PERIOD OF ONE YEAR.
14. INSTALL ALL EQUIPMENT IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS AND RECOMMENDATIONS.
15. THE CONTRACTOR SHALL SHOW, ON BLUE-LINE PRINTS, ANY CHANGES FROM THE ORIGINAL DRAWINGS MADE DURING INSTALLATION DELIVER TO THE ARCHITECT WHEN THE WORK IS COMPLETED.
16. PROVIDE THREE (3) COPIES OF OPERATING AND SERVICE MANUALS, INCLUDING OPERATING INSTRUCTION, SERVICE INSTRUCTIONS, AND SUBMITTAL LITERATURE TO THE OWNER.
17. DEMONSTRATE TO AND INSTRUCT THE OWNER IN THE PROPER OPERATION AND MAINTENANCE OF ALL SYSTEMS.
18. WHERE EQUIPMENT IS FURNISHED BY THE OWNER OR OTHER CONTRACTOR, PROVIDE ROUGH-IN AND MAKE FINAL CONNECTIONS PER SHOP DRAWINGS AND MANUFACTURER'S INSTALLATION INSTRUCTIONS.
19. STORE EQUIPMENT AND MATERIAL TO PREVENT DAMAGE. DAMAGED EQUIPMENT SHALL BE REPLACED OR RESTORED TO A CONDITION ACCEPTABLE TO THE OWNER.
20. TEST ALL DEVICES, PERFORM EQUIPMENT START-UP, AND MAKE ANY ADJUSTMENTS REQUIRED TO MAKE THE EQUIPMENT FULLY OPERATIONS PER THE MANUFACTURER'S INSTRUCTIONS.
21. PROVIDE FIRESTOPPING FOR PIPES, DUCTWORK, ETC. PASSING THROUGH FIRE OR SMOKE PARTITIONS.
22. COORDINATE WITH OTHER TRADES WHEN LOCATING EQUIPMENT, LIGHTS, PIPING, DUCTWORK, ETC.
23. PROVIDE PULL STRING IN ALL EMPTY CONDUITS.
24. ALL THREE PHASE CIRCUITS AND CIRCUITS LARGER THEN 30A SHALL BE RUN IN SEPARATE CONDUITS. OTHER CIRCUITS MAY BE COMBINED IN CONDUITS SUCH COMBINED CIRCUITS SHALL BE DERATED PER NEC.
25. CONNECT EXIT/EMERGENCY LIGHTS AHEAD OF SWITCH TO LOCAL LIGHTING CIRCUIT. OBTAIN APPROVAL FROM FIRE MARSHALL FOR EMERGENCY LIGHT LOCATIONS.
26. THE "ELECTRICAL" DOCUMENTS ARE NOT STAND ALONE DOCUMENTS BUT ARE A PORTION OF A LARGER SET OF CONSTRUCTION DOCUMENTS. REFER TO ALL DOCUMENTS FOR WORK.
27. MC CABLE IS ALLOWED ONLY FOR FINAL CONNECTION TO 2X4 AND 1X4 LIGHT FIXTURES AND LIMITED TO 3 FT WHIPS. ALL OTHER AREAS SHALL BE EMT. AT EXTERIOR AREAS AND UNDER OVERHEAD USE COMPRESSION CONNECTORS ONLY.
28. IN DINING ARES, DECK AREAS, AND ALL EXPOSED AREAS PROVIDE A SHOP DRAWING FOR OWNERS APPROVAL OF PLANNED CONDUIT ROUTING, CONDUIT SIZES, AND J-BOX LOCATIONS PRIOR TO WORK.
29. COORDINATE WITH MECHANICAL FOR HEAT TRACE INSTALLATION AND CONNECTIONS.
30. COORDINATE MOUNTING OF DECK RECEPTACLES AND DECK LIGHTS WITH RAILING.

FIRE ALARM GENERAL NOTES

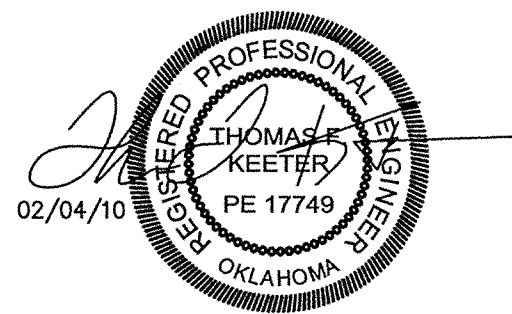
1. PROVIDE A FIRE ALARM SYSTEM IN COMPLIANCE WITH NFPA 72 AND LOCAL AUTHORITY. REQUIREMENTS AND EQUIPMENT CONNECTION PROVISIONS.
2. CONNECT TO MONITOR DRY-PIPE SPRINKLER SYSTEM, RISER IN UTILITY BUILDING. CONNECT TO MONITOR KITCHEN HOOD.
3. PROVIDE A/V NOTIFICATION DEVICES AND PULL STATIONS PER CODE AND LOCAL AUTHORITY.
4. PROVIDE FACP IN ELECTRICAL CLOSET, WITH DEDICATED 120V CIRCUIT AND PHONE LINES.
5. CONNECT TO DUCT SMOKE DETECTORS IN TWO AIR HANDLERS, CONNECT TO SHUT DOWN UNIT UPON ALARM.
6. SYSTEM TO BE MONITORED BY OWNERS SECURITY VENDOR.

ELECTRICAL LEGEND

	DOWNLIGHT
	FLUORESCENT FIXTURE
	FLUORESCENT FIXTURE UPPER CASE LETTER INDICATES FIXTURE TYPE
	SITE LIGHTING, HEADS PER PLAN
	TRACK LIGHTING
	EXIT FIXTURE, TYPE X CEILING OR WALL MOUNTED. PROVIDE DIRECTIONAL ARROW WHERE APPLICABLE.
	EMERGENCY FIXTURE +12" BELOW CEILING
	REMOTE EMERGENCY HEAD
	EXIT/EMERGENCY COMBINATION FIXTURE
	CEILING FAN
EM	TYPICAL FIXTURE WITH EMERGENCY BALAST
NL	TYPICAL FIXTURE AS NIGHTLIGHT
\$	TOGGLE SWITCH +48" AFF U.O.N.
\$3	SWITCH, 3-WAY +48" AFF U.O.N.
\$TM	TIMER SWITCH, +48" AFF U.O.N.
\$K	SWITCH, KEYED +48" AFF U.O.N.
\$D	SWITCH, DIMMER +48" AFF U.O.N.
\$O	SWITCH, OCCUPANCY SENSOR
\$M	SWITCH, MANUAL MOTOR STARTER
	RECEPTACLE, SIMPLEX CONVENIENCE OUTLET, +16" U.O.N.,
	RECEPTACLE, DUPLEX CONVENIENCE OUTLET, +16" U.O.N.,
	RECEPTACLE, SPECIAL, COORDINATE WITH EQUIPMENT
	RECEPTACLE, DOUBLE DUPLEX OUTLET
	WELDING RECEPTACLE, 48" U.O.N.
	JUNCTION BOX
	PLUMBING VALVE WITH ELECTRICAL CONNECTION
	RECEPTACLE, FLOORBOX, FLUSH WITH BRASS COVER DEVICES AS INDICATED
	POWER/DATA POLE
	NON-FUSED DISCONNECT
	FUSED DISCONNECT
	COMBINATION STARTER/DISCONNECT
	MAGNETIC CONTACTOR
	TRANSFORMER
	PANELBOARD
	HOMERUN, INDICATES CIRCUIT SERVING DEVICE
	ELECTRIC MOTOR
	VOICE/DATA OUTLET, +16" AFF U.O.N., BOX AND 3/4"C TO THE OFFICE, CONFIRM HEIGHT AT LOCATIONS
	TELEVISION OUTLET, +16" AFF U.O.N., BOX AND 3/4"C TO ELECTRICAL ROOM, CONFIRM HEIGHT FOR TV AND RECEPTACLE.
AC	ABOVE COUNTER, COORDINATE ROUGH-IN WITH MILLWORK.
WP	WEATHERPROOF
GFI	GROUND FAULT INTERRUPTOR
RTU	ROOF TOP UNIT
OHD	OVERHEAD DOOR
WH	WATER HEATER
UH	UNIT HEATER

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CofA# 5206 exp 6/2011

BLUE ROSE CAFE
Blue Rose Cafe
1924 South Riverside Drive West
Tulsa, OK 74137

REV.	DATE	DESCRIPTION
1	02/03/10	REVISION 1
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SHEET NAME
ELECTRICAL DETAILS

SHEET NUMBER

E3.1

LB PANELBOARD						208Y/120 - 3 PH - 4 W	
						150A - MLO	
DESCRIPTION	CB	kVA	Ph	kVA	CB	DESCRIPTION	
1 WALK IN LIGHTS	20/1	1.00	A	0.90	20/1	UP LIGHTS	2
3 WALK IN EVAP	20/1	0.12	B	1.00	20/1	STAGE LIGHTS	4
5 WALK IN COND UNIT	30/2	1.50	C	1.20	20/1	RANGE	6
7 ---	--	1.50	A	0.00	--	SHUNT TRIP	8
9 ICE MAKER COND UNIT	30/3	1.26	B	0.54	20/1	COOK STAND	10
11 ---	--	1.26	C	0.00	--	SHUNT TRIP	12
13 ---	--	1.26	A	1.26	20/1	FRYERS	14
15 HEAT PUMP	30/2	2.00	B	0.00	--	SHUNT TRIP	16
17 ---	--	2.00	C	1.70	20/1	PREP TABLE	18
19 ---	20/1	0.00	A	0.75	20/1	FRYER DUMP	20
21 WORK LABLE	20/1	1.00	B	1.64	20/1	HEAT LAMPS	22
23 SIGN	20/1	1.00	C	1.10	20/1	SAND/SALAD TABLE	24
25 SIGN	20/1	1.00	A	1.00	20/1	HOOD LIGHTS/CONTROL	26
27 DW FAN	20/1	0.90	B	0.84	20/1	FREEZER	28
29 LOWER DECK RECEPTS	20/1	0.72	C	1.50	20/1	MICROWAVE	30
31 POS STATION	20/1	0.50	A	2.25	30/1	WARMER TABLE	32
33 SODA DISPENSER	20/1	0.80	B	1.00	20/1	HEAT TRACE	34
35 TEA	20/1	1.50	C	1.50	20/1	HEAT TRACE	36
37 COFFEE	20/1	1.50	A	1.50	20/1	HEAT TRACE	38
39 ICE MAKER	20/1	0.13	B	1.50	20/1	HEAT TRACE	40
41 SANDWICH TABLE	20/1	1.15	C	1.50	20/1	HEAT TRACE	42
						CONTINUOUS	4 X 1.25 = 5.0
						NON-CONTINUOUS	40.36 X 1.00 = 40.4
						RECEPTACLE <10 kVA	0.72 X 1.00 = 0.7
						RECEPTACLE >10 kVA	0 X 0.50 = 0.0
						LARGEST MOTOR	3.78 X 0.25 = 0.9
						TOTAL kVA	47.0
						TOTAL AMPS	131

LD PANELBOARD						240/120 - 1 PH - 3 W	
NEMA 3R COVER						100A - MLO	
DESCRIPTION	CB	kVA	Ph	kVA	CB	DESCRIPTION	
1 AIR COMPRESSOR	30/2	2.00	A	0.00			2
3 ---	--	2.00	B	0.00			4
5 HEATER	20/2	0.90	A	0.00			6
7 ---	--	0.90	B	0.00			8
9 LIGHTS	20/1	0.30	A	0.00			10
11 RECEPTACLES	20/1	0.30	B	0.00			12
13 SPARE	20/1	0.00	A	0.00			14
15 SPARE	20/1	0.00	B	0.00			16
17 SPARE	20/1	0.00	A	0.00			18
19 SPARE	20/1	0.00	B	0.00			20
21 SPARE	20/1	0.00	A	0.00			22
23 SPARE	20/1	0.00	B	0.00			24
						CONTINUOUS	0 X 1.25 = 0
						NON-CONTINUOUS	6.4 X 1.00 = 6
						RECEPTACLE <10 kVA	0 X 1.00 = 0
						RECEPTACLE >10 kVA	0 X 0.50 = 0
						LARGEST MOTOR	0 X 0.25 = 0
						TOTAL kVA	6
						TOTAL AMPS	27

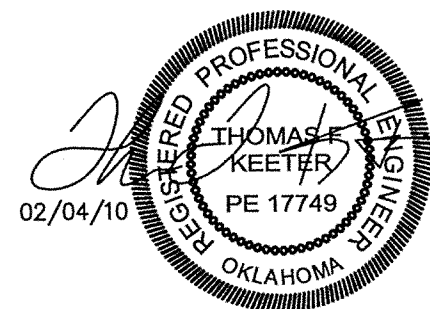
LA PANELBOARD						208Y/120 - 3 PH - 4 W	
						150A - MLO	
DESCRIPTION	CB	kVA	Ph	kVA	CB	DESCRIPTION	
1 KITCHEN LIGHTS	20/1	1.79	A	0.72	20/1	BAR POS	2
3 SOFFIT LIGHTS	20/1	0.90	B	0.70	20/1	BAR RECEPT	4
5 SOFFIT LIGHTS	20/1	1.80	C	0.70	20/1	BAR RECEPT	6
7 DINING LIGHTS	20/1	1.35	A	0.70	20/1	BAR RECEPT	8
9 BAR LIGHTS	20/1	1.65	B	0.70	20/1	BAR RECEPT	10
11 DINING LIGHTS	20/1	0.60	C	0.72	20/1	RR RECEPTS/VALVES	12
13 DINING LIGHTS	20/1	1.35	A	0.00	20/1		14
15 POLE LIGHTS	20/1	0.65	B	0.00	20/1		16
17 POLE LIGHTS	20/1	1.02	C	0.00	20/1		18
19 LOWER DECK LIGHTS	20/1	1.04	A	0.60	20/1	FACP (RED HANDLE)	20
21 INTERIOR RECEPTS	20/1	0.54	B		20/1	TELE/SECURITY RECEPT	22
23 TV RECEPTS	20/1	1.00	C	1.00	20/1	BAG IN BOX	24
25 TV RECEPTS	20/1	1.00	A	1.00	20/1	BAG IN BOX	26
27 OFFICE QUAD	20/1	0.36	B	0.60	20/1	COOLING PUMP	28
29 OFFICE QUAD	20/1	0.36	C	0.30	20/1	WTR HTR - PUMP	30
31 STAGE QUAD	20/1	0.36	A	0.60	20/1	FLY FAN	32
33 STAGE QUAD	20/1	0.36	B	1.50	20/1	FLY FANS	34
35 BAR RECEPT	20/1	1.20	C	0.72	20/1	SOFFIT RECEPTS	36
37 BAR RECEPT	20/1	1.20	A	0.90	20/1	DECK RECEPTS	38
39 BAR RECEPT	20/1	0.72	B	0.90	20/1	DECK RECEPTS	40
41 BAR COOLER	20/1	0.90	C	0.90	20/1	DECK RECEPTS	42
						CONTINUOUS	12.8 X 1.25 = 15.9
						NON-CONTINUOUS	9.4 X 1.00 = 9.4
						RECEPTACLE <10 kVA	10.0 X 1.00 = 10.0
						RECEPTACLE >10 kVA	1.2 X 0.50 = 0.6
						LARGEST MOTOR	0.0 X 0.25 = 0.0
						TOTAL kVA	36.0
						TOTAL AMPS	100

MDP PANELBOARD						208Y/120 - 3 PH - 4 W	
						600A - MCB	
DESCRIPTION	CB	kVA	Ph	kVA	CB	DESCRIPTION	
1 PANEL LA	150/3	12.0	A	4.56	60/3	RTU-2	2
3 ---	--	12.0	B	4.56	--	--	4
5 ---	--	12.0	C	4.56	--	--	6
7 PANEL LB	150/3	15.0	A	8.31	90/3	RTU-1	8
9 ---	--	15.0	B	8.31	--	--	10
11 ---	--	15.0	C	8.31	--	--	12
13 UTILITY BLDG PANEL	100/2	3.00	A	2.95	40/3	DW MACHINE	14
15 ---	--	3.00	B	2.95	--	--	16
17 ---	--	0.00	C	2.95	--	--	18
19 FUTURE PANEL	200/3	0.00	A	2.48	40/3	DW HEATER	20
21 ---	--	0.00	B	2.48	--	--	22
23 ---	--	0.00	C	2.48	--	--	24
25 ---	--	0.00	A	0.72	30/3	HOOD FANS	26
27 ---	--	0.00	B	0.72	--	--	28
29 ---	--	0.00	C	0.72	--	--	30
						CONTINUOUS	0 X 1.25 = 0.0
						NON-CONTINUOUS	144.05 X 1.00 = 144.1
						RECEPTACLE <10 kVA	0 X 1.00 = 0.0
						RECEPTACLE >10 kVA	0 X 0.50 = 0.0
						LARGEST MOTOR	24.93 X 0.25 = 6.2
						TOTAL kVA	150.3
						TOTAL AMPS	417

LIGHT FIXTURE SCHEDULE						
MARK	MANF. CAT. #	LAMP	VOLTAGE	MOUNTING	DESCRIPTION	
A1	LIGHTOLIER SPS2GFSVA432	4 32W-T8	120	LAY-IN	2X4 LAY-IN, 4 LAMP ACRYLIC LENS ELECTRONIC BALAST.	
A2	LIGHTOLIER SPS2GFSVA432	4 32W-T8	120	RECESSED	2X4 RECESSED/FLANGED, 4 LAMP ACRYLIC LENS ELECTRONIC BALAST.	
B	LIGHTOLIER JS4A232	2 32W-T8	120	SURFACE	4' SURFACE, 2 LAMP, ACRYLIC WRAP LENS ELECTRONIC BALAST.	
C	LUCIFER LIGHTING LPK-12-10-W	10W Q HAL	120	SURFACE	MATTE WHITE, SURFACE MOUNTED CABINET LIGHT, LOW VOLTAGE	
D1	LIGHTOLIER/LYTECASTER 1102P 1-1105	75W INC	120	RECESSED	6 3/4" INC. CAN, BLACK BAFFLE NAILER BARS TO SPAN BETWEEN JOISTS	
D2	LIGHTOLIER/LYTECASTER 1100FTUES-1105	32W CF	120	RECESSED	6 3/4" C.F. CAN, BLACK BAFFLE MOUNT IN GYP SOFFIT OVER RR VANITY	
K	EXCELINE XLW-70HMA	70W MH	120	WALL	BRONZE WALL PACK, WITH PHOTOCCELL MOUNT AS HIGH AS POSSIBLE	
E	EXCELINE RLP-150IN-CG-C	150W A	120	PENDANT	GLASS GLOBE, CAGE, SUSPEND FROM STRUCTURE	
F	EXCELINE RSA-150IN-CG-C	150W A	120	PENDANT	CAGE GLASS GLOBE, DECORATIVE SHADE SHADE FINISH TO BE SELECTED	
G	EXCELINE RLS-50MA-CG-C-RBPT7	50W MH	120	POLE	CAGE GLASS GLOBE GOOSENECK ARM AND MOUNT ON 12FT POLE	
H	EXCELINE CML-50-NMA	50W MH	120	SURFACE	SURFACE MOUNT ON LOWER DECK, LOW PROFILE FIXTURE	
K	EXCELINE XLW-70HMA	70W MH	120	WALL	BRONZE WALL PACK, WITH PHOTOCCELL MOUNT AS HIGH AS POSSIBLE	
M	LIGHTOLIER SW4S232120DIM-NASYF48S	2 32W T8	120	SURFACE	STRIP MOUNT AT BOTTOM OF CLEARSTORY TO UPLIGHT, DIMMABLE BALAST, ASSYM REFLECTOR	
X	LIGHTOLIER LLC2-R-BLACK	LED	120	SURFACE	BLACK POLYCARBONATE BODY, RED LETTER FACES AS REQUIRED, 90 MINUTE BATTERY	
Y	LIGHTOLIER E5-BLACK	--	120	SURFACE	EMERGENCY LIGHT, TWIN AIMABLE HEADS BLACK BODY, 90 MINUTE BATTERY	
Y2	LIGHTOLIER LVL-BLACK	--	120	SURFACE	EXTERIOR EMERGENCY, MOUNT UNDER STRUCTURE 90 MINUTE BATTERY	
1. ALL BALASTS SHALL BE ELECTRONIC WITH 10% THD. 2. ALL FLOURESCENT LAMPS SHALL BE CR1-80, 4100 K. 3. COORDINATE TYPE G POLE INSTALLATION WITH RAIL FRAMING. 12FT TO FIXTURE. 4. TYPE D1 TO MOUNT WITHIN JOIST SPACE, AND TO BE EXPOSED. 5. TYPE M TO SIDWALL MOUNT WITH ASSYMETRICAL REFLECTOR TO UPLIGHT CLEARSTORY.						

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Thomas F. Keeter, PE# 17749
TFK Engineering, Inc.
CofA# 5206 exp 6/2011

Blue Rose CAFE

Blue Rose Cafe
1924 South Riverside Drive West
Tulsa, OK 74137

REV.	DATE	DESCRIPTION
1	02/03/10	REVISION 1
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ISSUE DATE 01/25/2010		
PROJECT NUMBER X		
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SEAL		

SHEET NAME
ELECTRICAL
SCHEDULES

SHEET NUMBER


E3.2

ANCHOR EMBED
30 REQ'D

2 PIER DTL. SECTION
SCALE: 1/2" = 1'-0"

FOUNDATION / PIER PLAN
SCALE: 1/8" = 1'-0"

LASLEY ENGINEERING
DON LASLEY
7223 S. WARWICK ST.
BROKEN ARROW, OK. 74012
1-918-809-8895

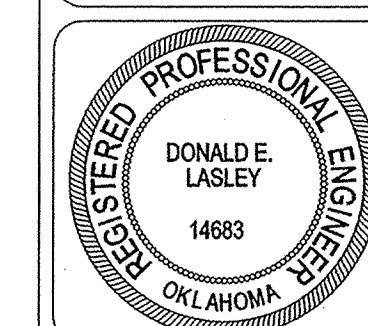
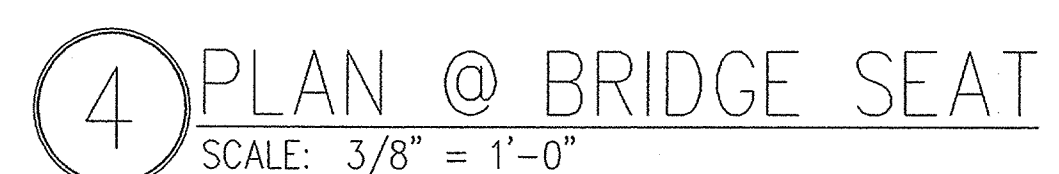
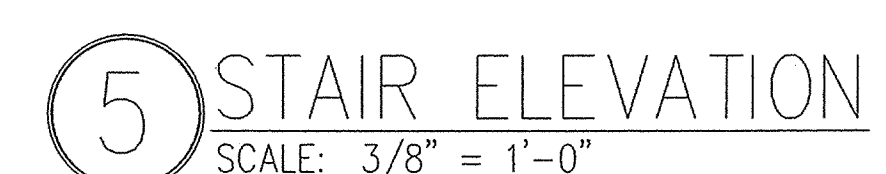
REVISIONS		
No.	Date	Description
	2-2-10	REVISIONS

BLUE ROSE LANDING
19TH STREET AND
RIVERSIDE DRIVE
TULSA, OKLAHOMA 74119

FOUNDATION
PLAN

JANUARY 25TH, 2010

SHEET NO. S101 OF



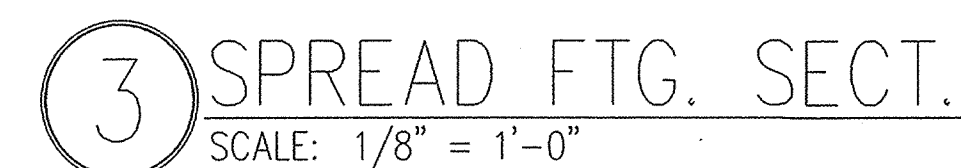
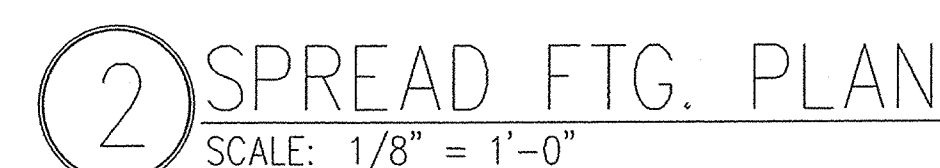
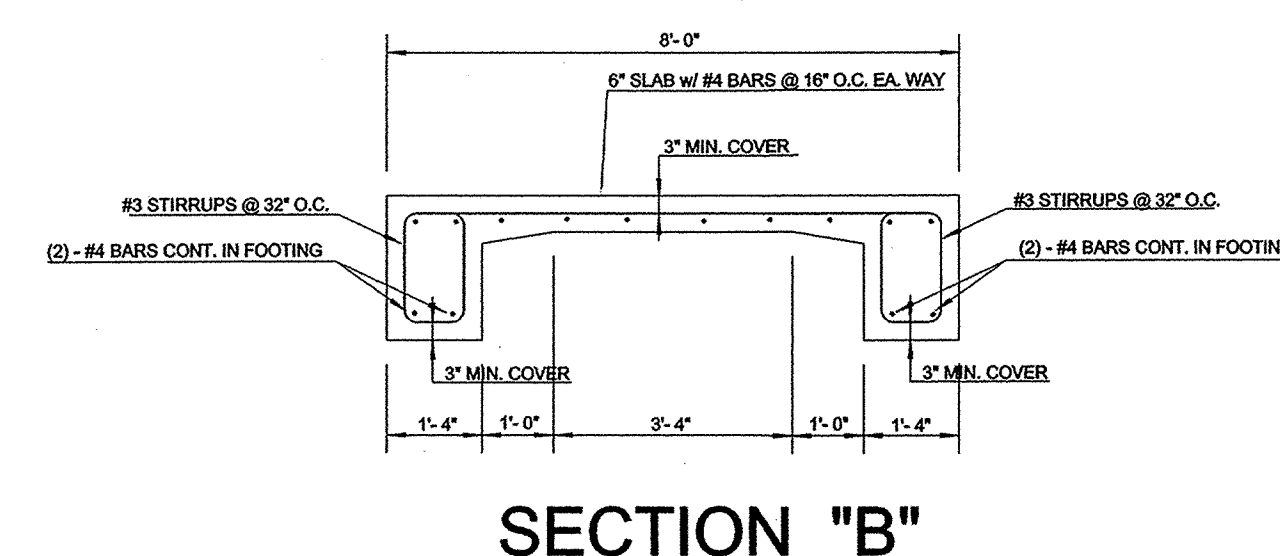
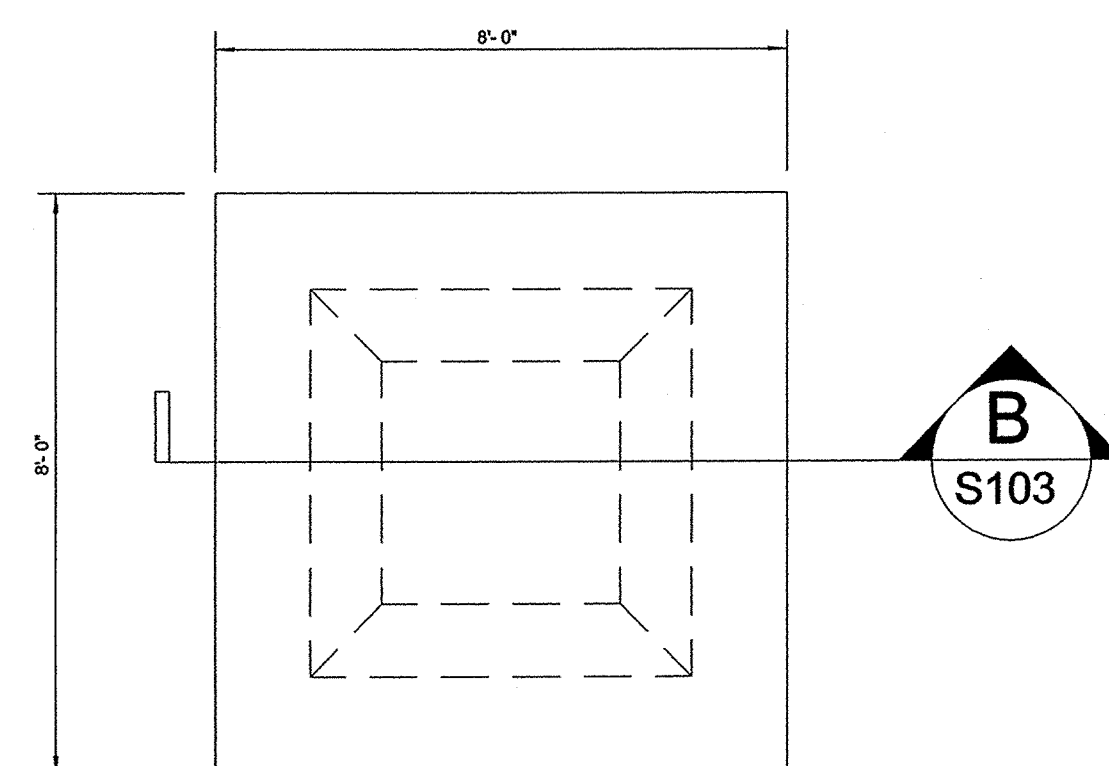
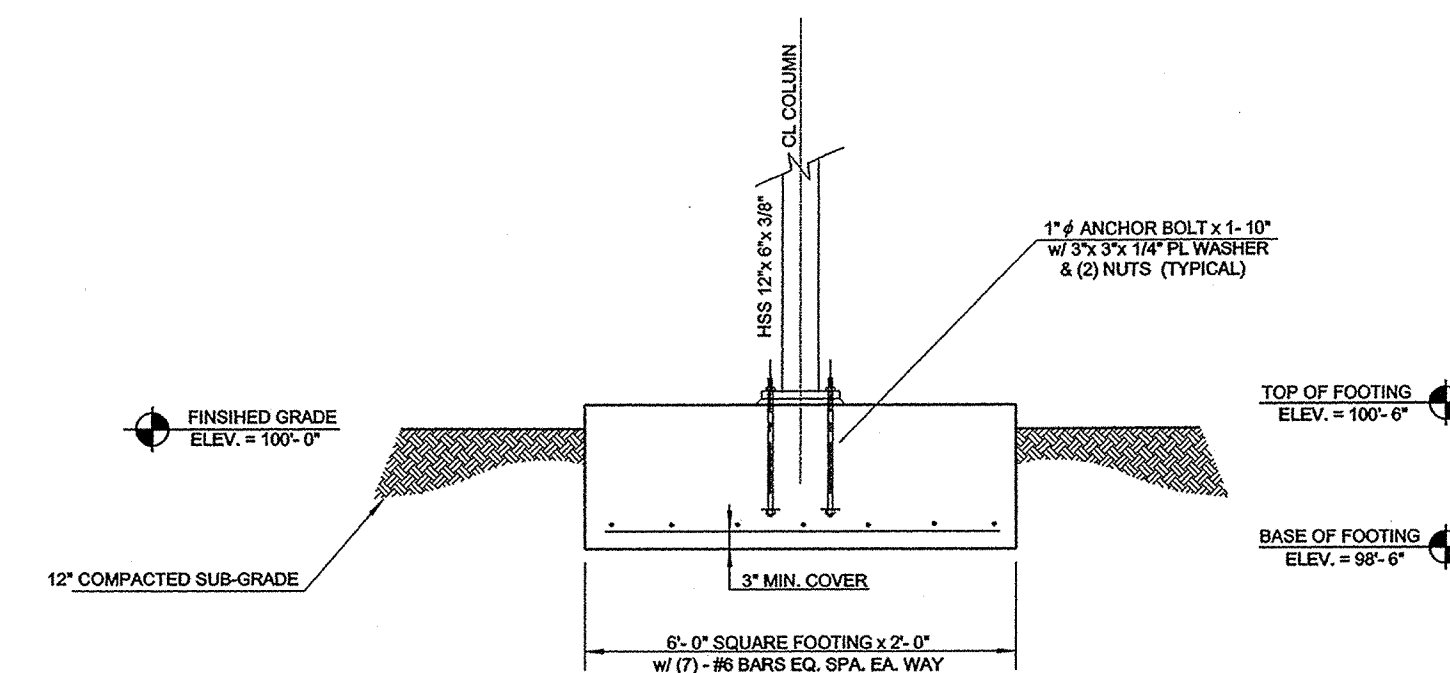
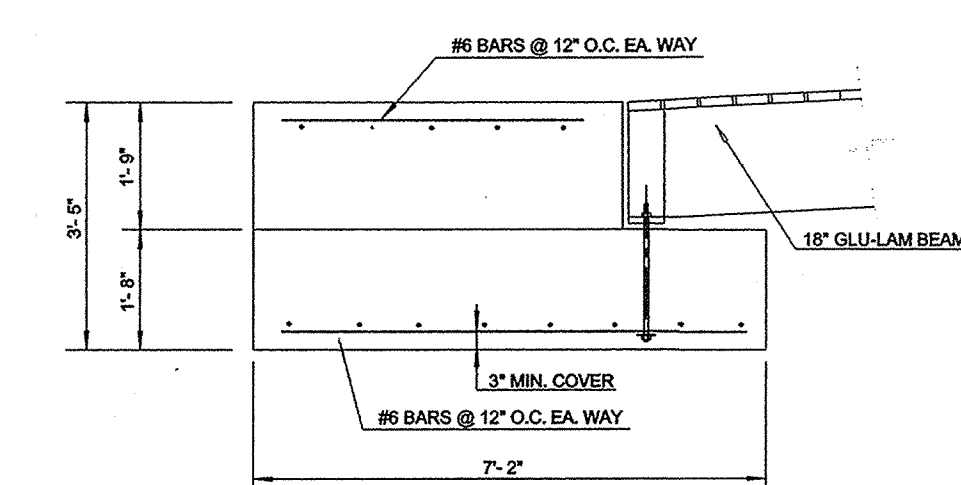
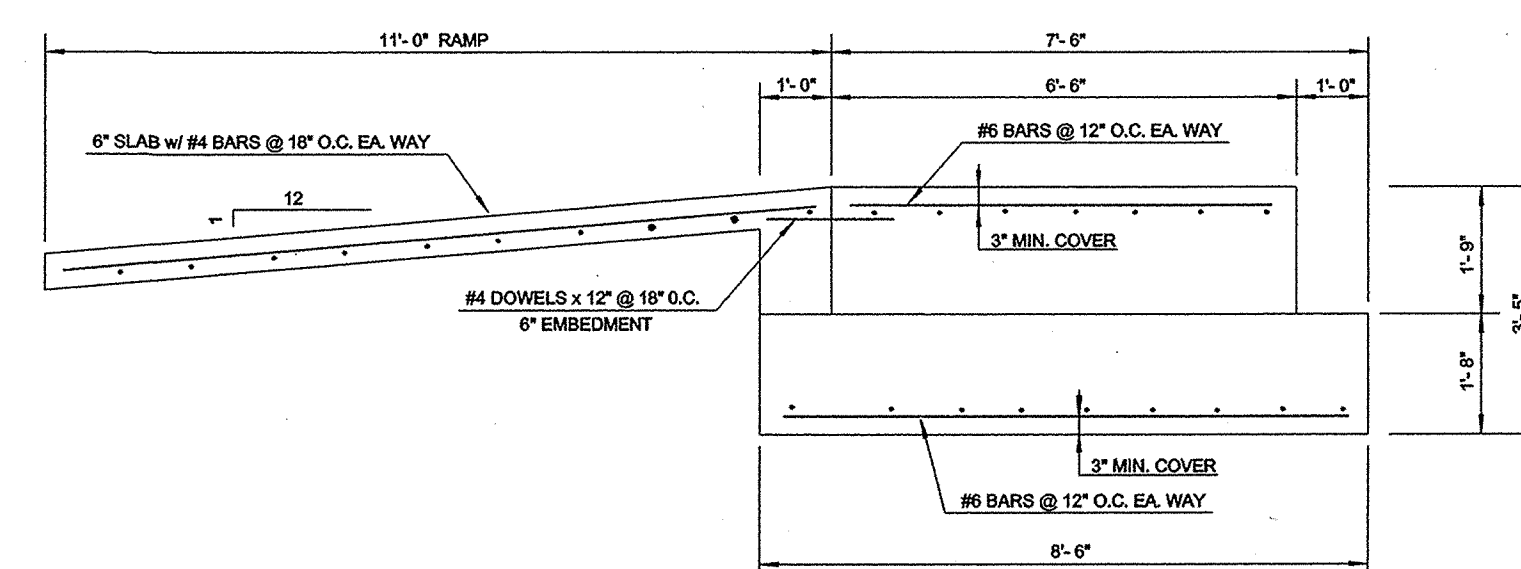
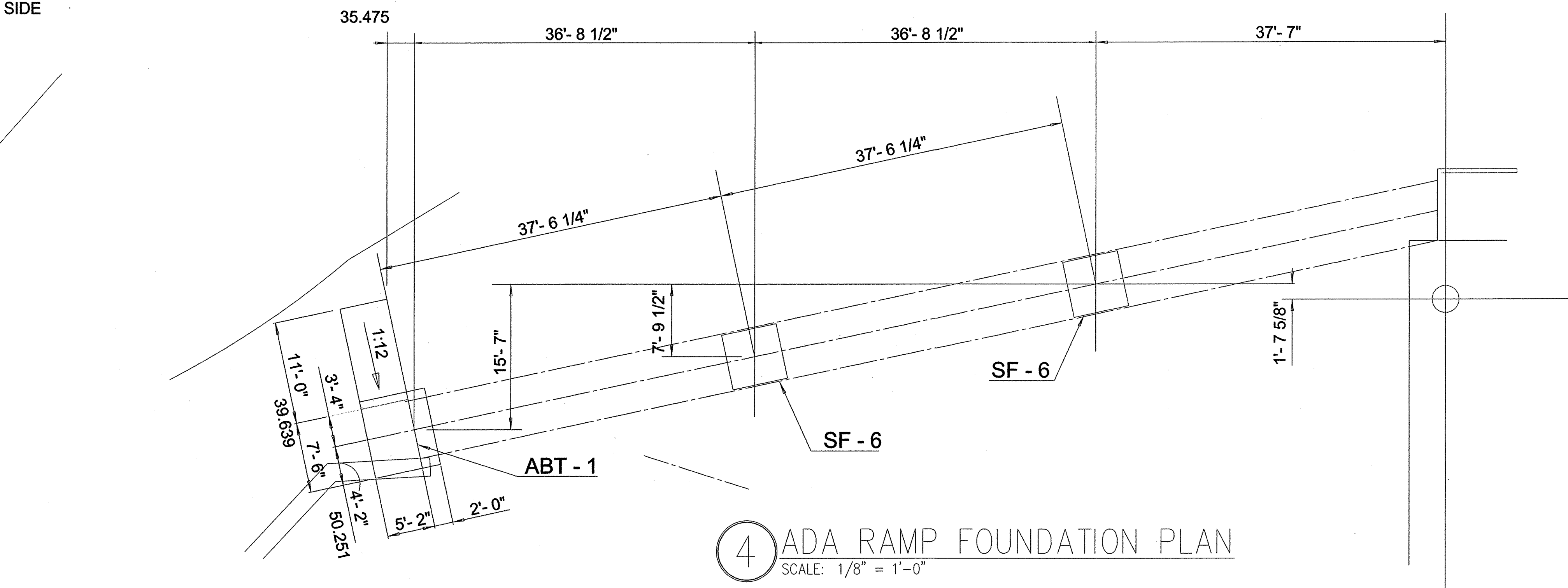
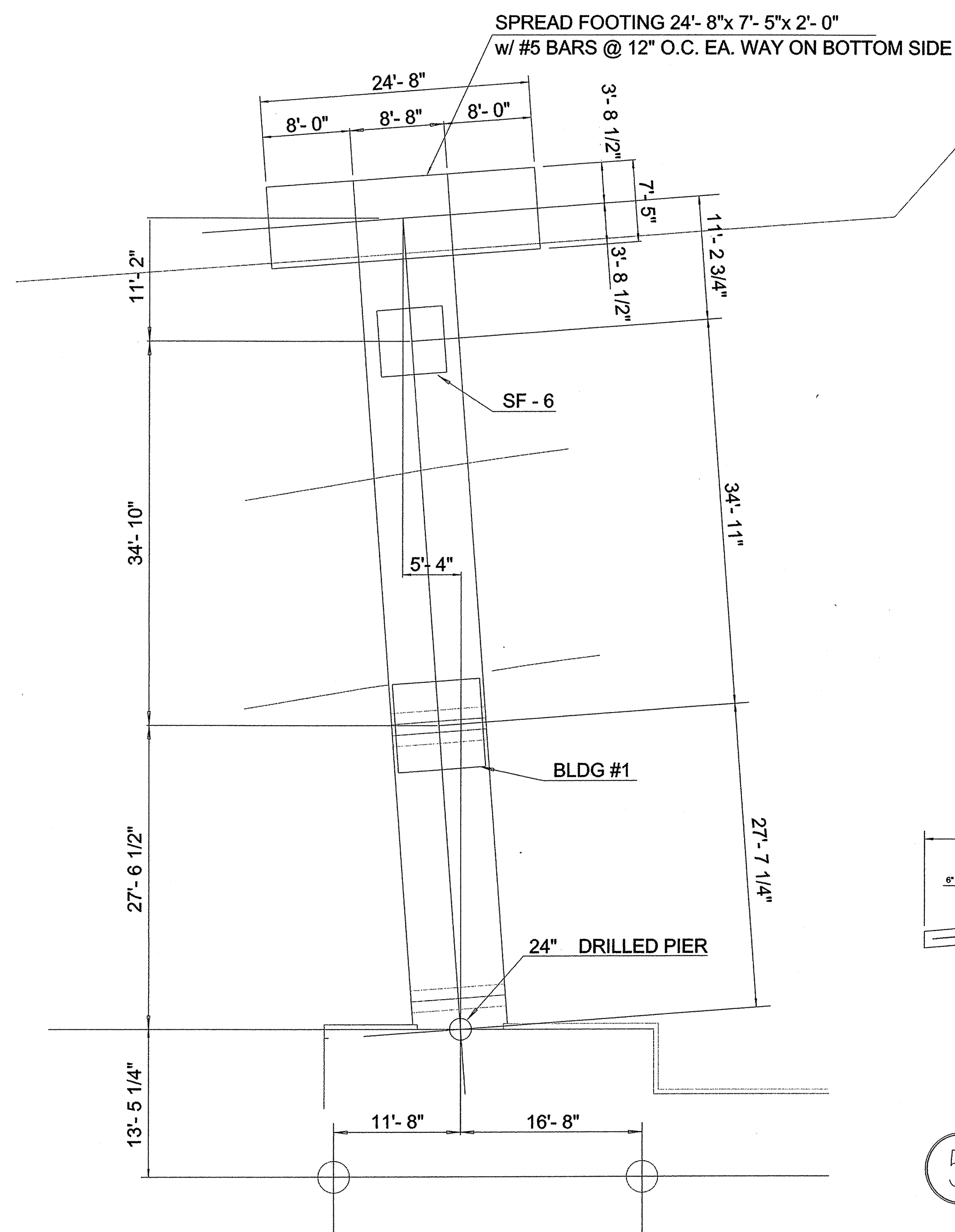
REVISIONS		
No.	Date	Description

BLUE ROSE LANDING
19TH STREET AND
RIVERSIDE DRIVE
TULSA, OKLAHOMA 74119

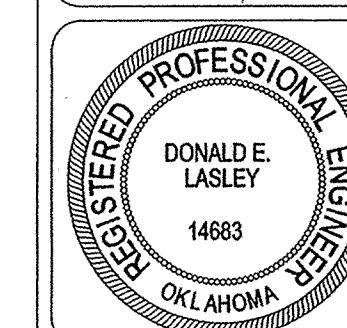
FOOTING DTL.
AT ABT-2

JANUARY 25TH, 2010

SHEET NO. S102 OF



LASLEY ENGINEERING
DON LASLEY
7223 S. WARWICK ST.
BROKEN ARROW, OK. 74012
1-918-809-8895



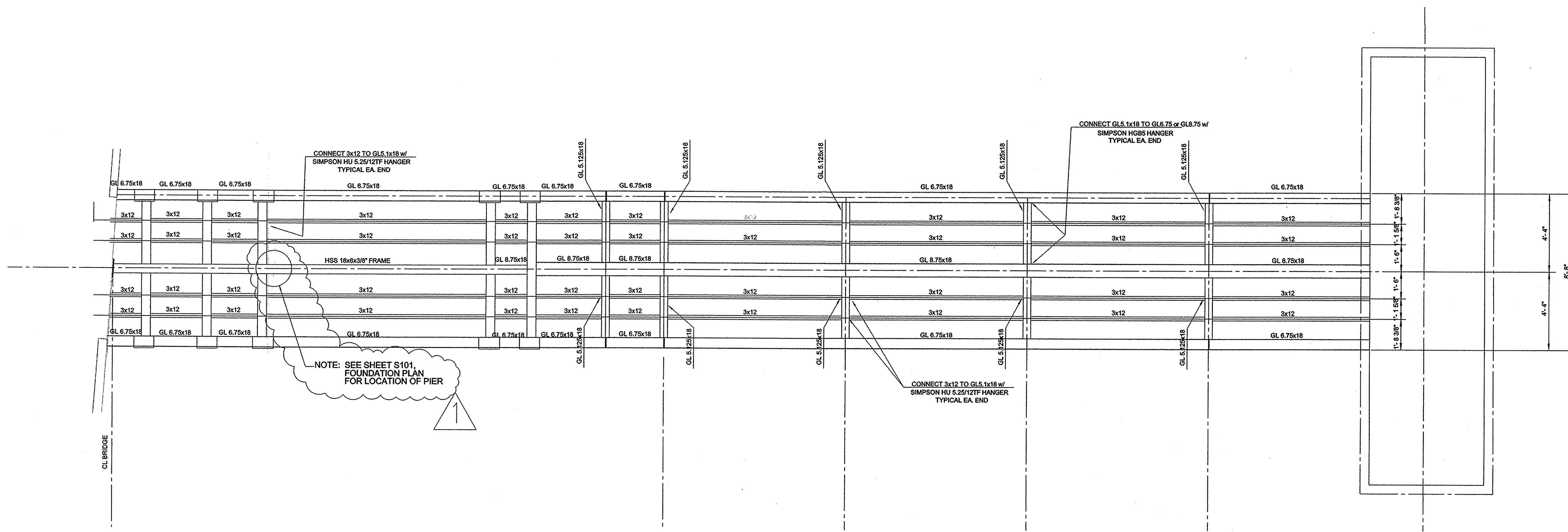
REVISIONS		
No.	Date	Description

BLUE ROSE LANDING
19TH STREET AND
RIVERSIDE DRIVE
TULSA, OKLAHOMA 74119

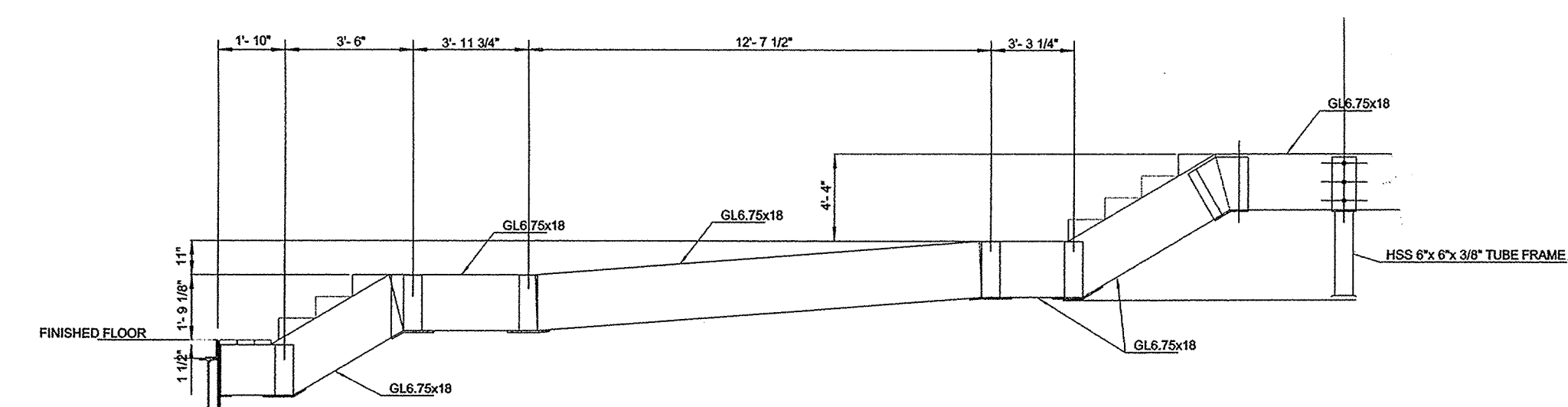
FOUNDATION & FT'G
PLAN

JANUARY 25TH, 2010

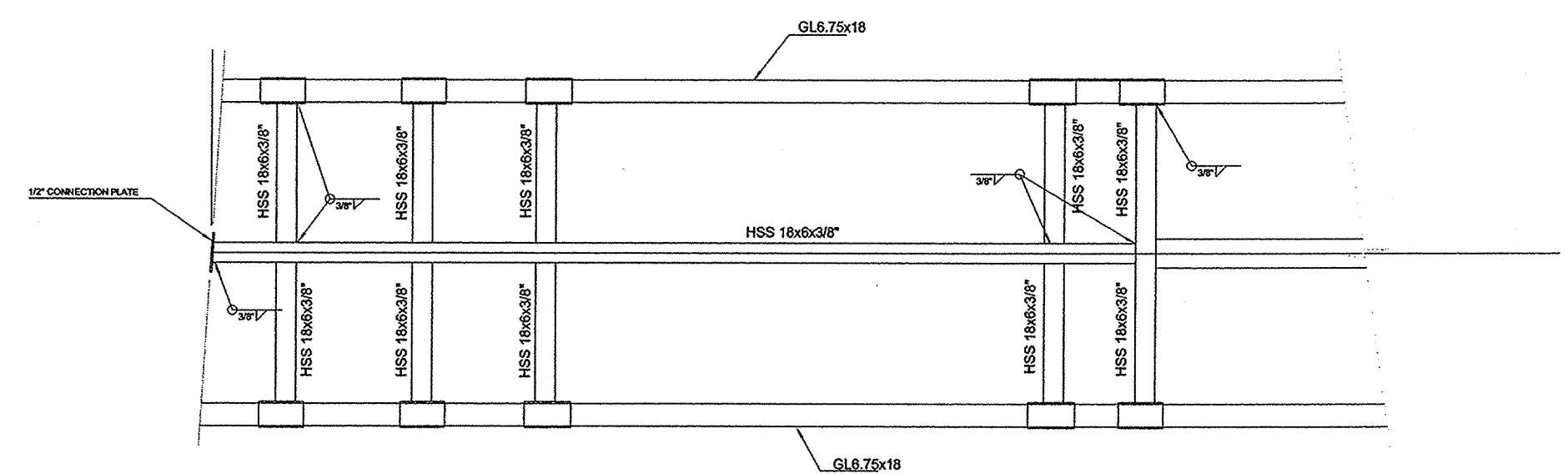
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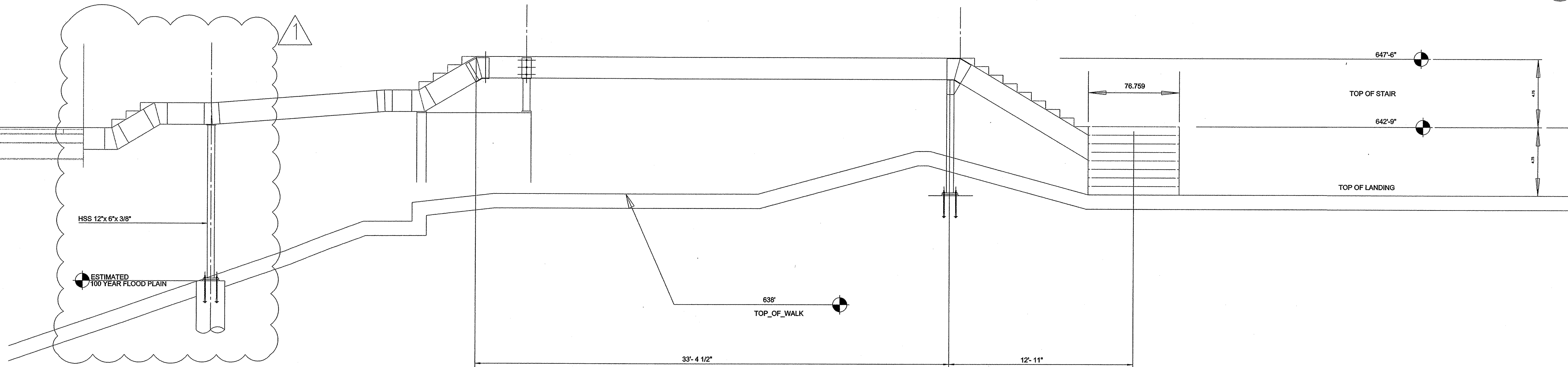
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SCALE: NTS



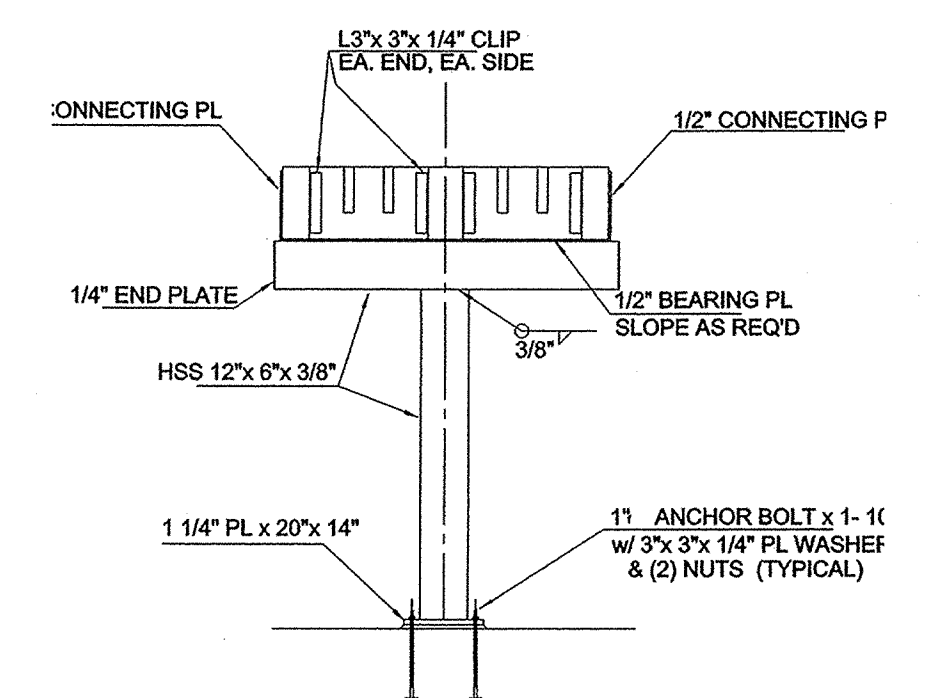
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SCALE: NTS



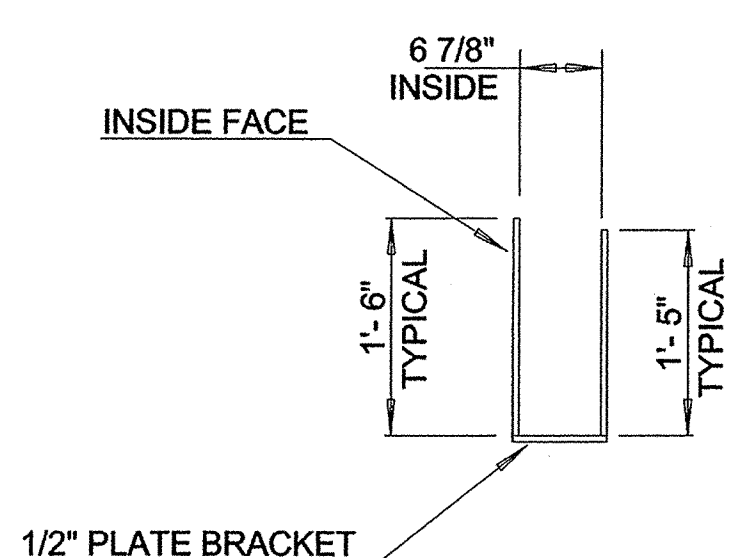
4 WALKWAY SUPPORT
SCALE: NTS



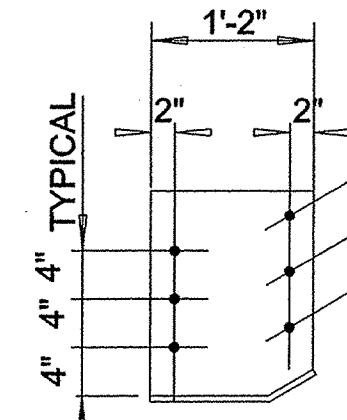
2 ELEVATION @ WALKWAY
SCALE: NTS



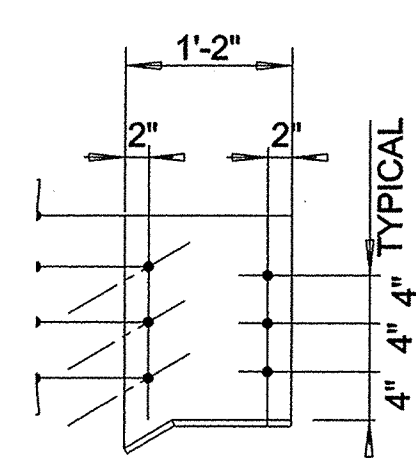
5 WALKWAY SUPPORT ELEV.
SCALE: NTS



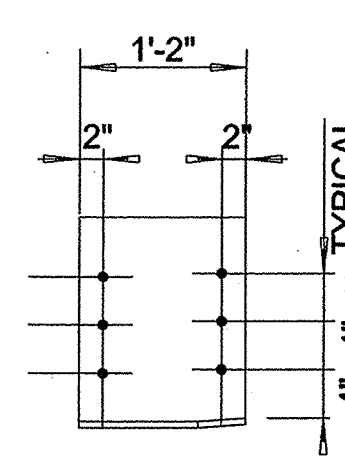
6 TYP. GLB SADDLE
SCALE: 1/8" = 1'-0"



7 TYP. GLB SADDLE
SCALE: 1/8" = 1'-0"

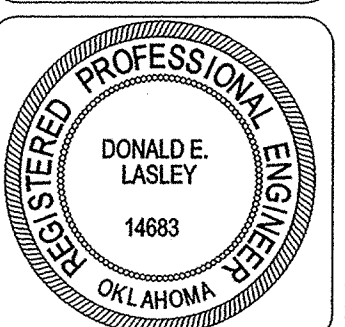


8 TYP. GLB SADDLE
SCALE: 1/8" = 1'-0"



9 TYP. GLB SADDLE
SCALE: 1/8" = 1'-0"

LASLEY ENGINEERING
DON LASLEY
7223 S. WARWICK ST.
BROKEN ARROW, OK. 74012
1-918-809-8855



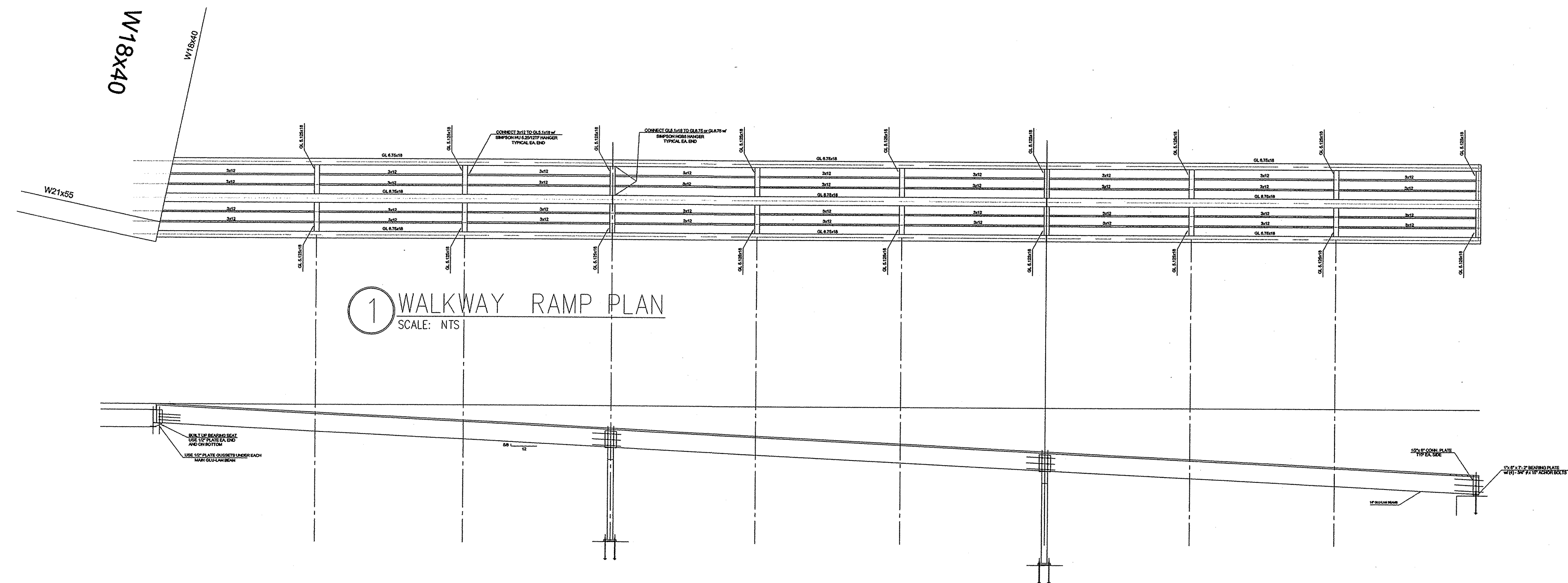
REVISIONS		
No.	Date	Description
1	2-2-10	REVISIONS

BLUE ROSE LANDING
19TH STREET AND
RIVERSIDE DRIVE
TULSA, OKLAHOMA 74119

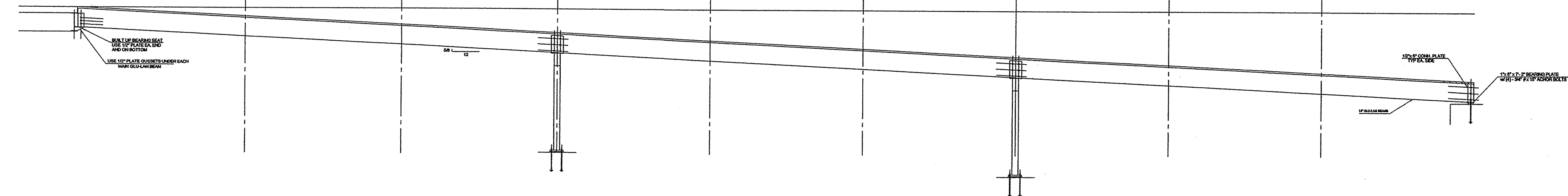
RAMP STRUCTURAL
PLAN & DETAILS

JANUARY 25TH, 2010

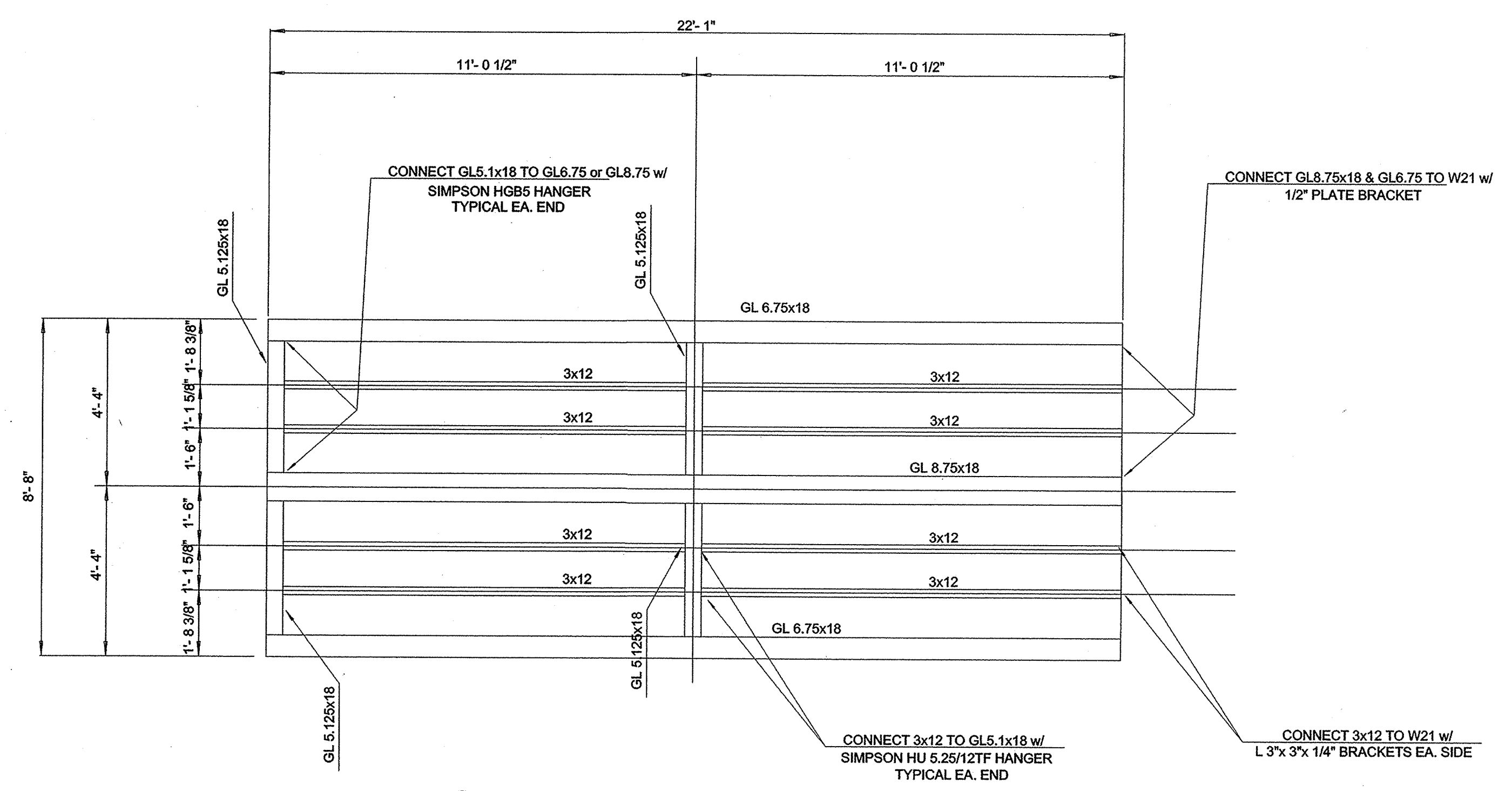
SHEET S104 OF



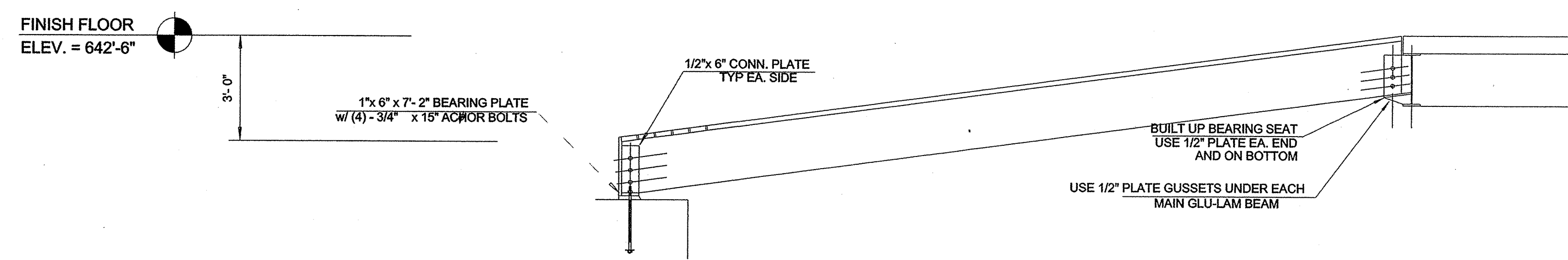
1 WALKWAY RAMP PLAN
SCALE: NTS



2 WALKWAY RAMP ELEVATION
SCALE: NTS



3 SERVICE RAMP PLAN
SCALE: NTS



4 SERVICE RAMP ELEVATION
SCALE: NTS

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REGISTERED PROFESSIONAL ENGINEER
DONALD E. LASLEY
14683
OKLAHOMA

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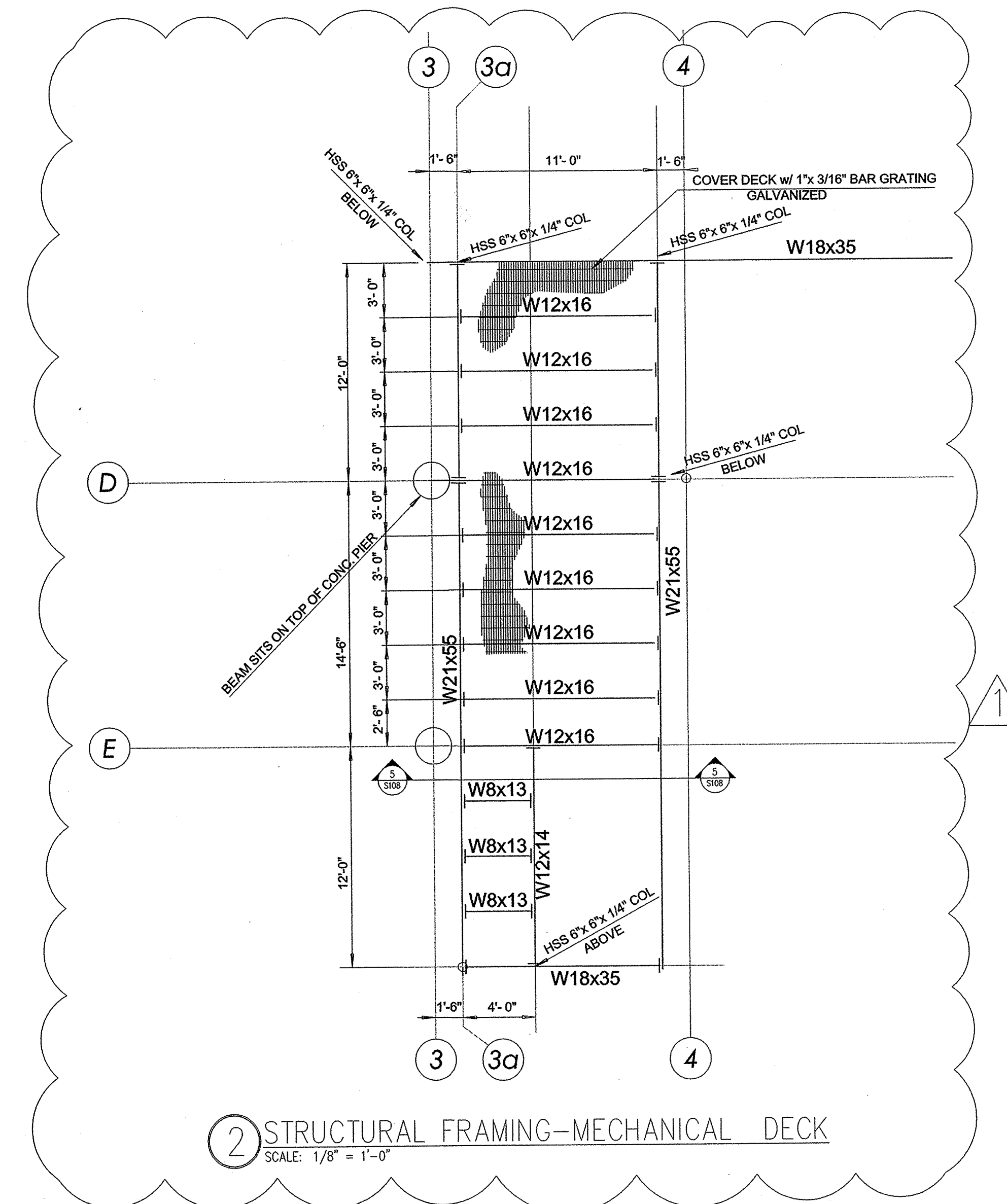
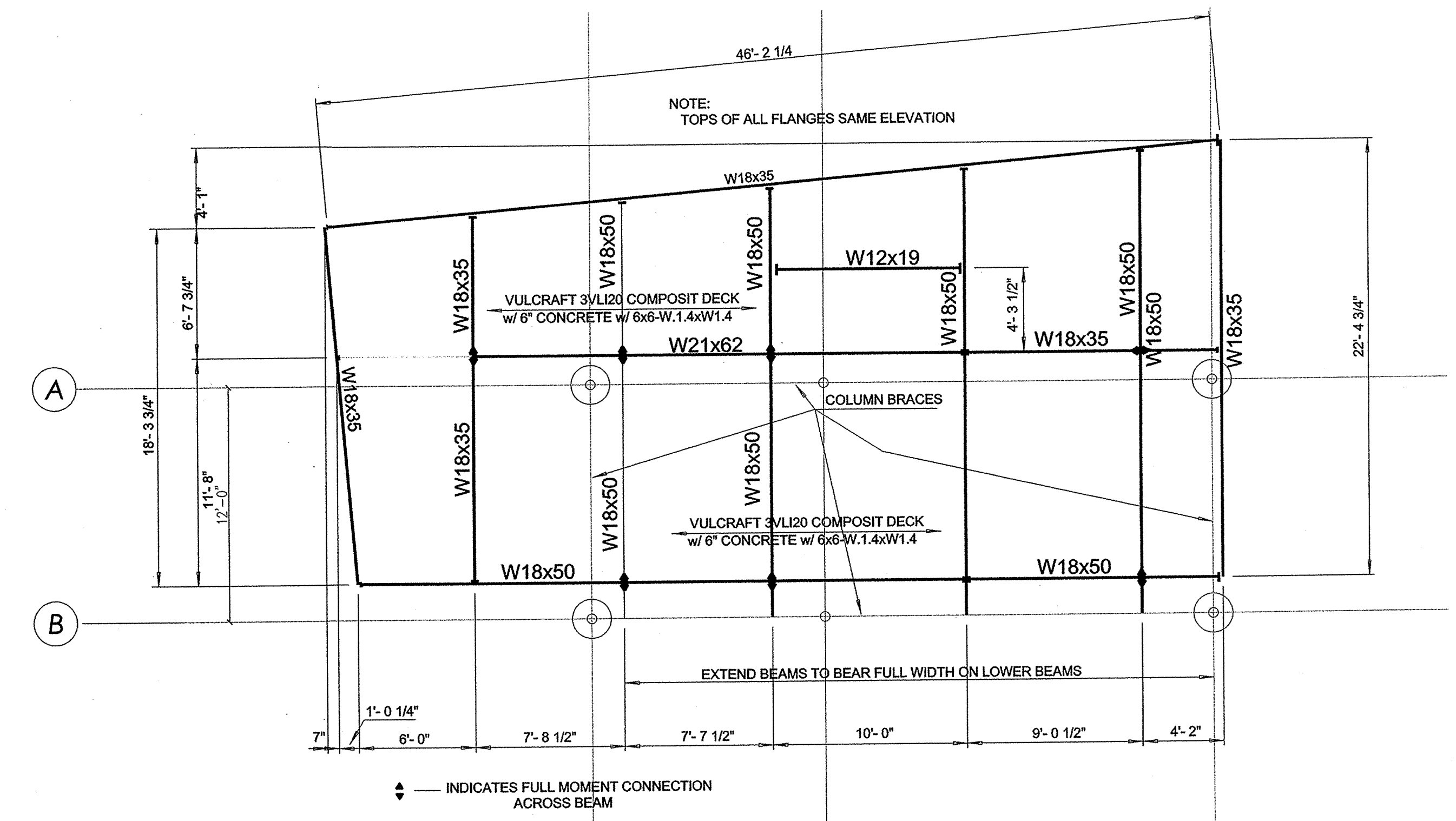
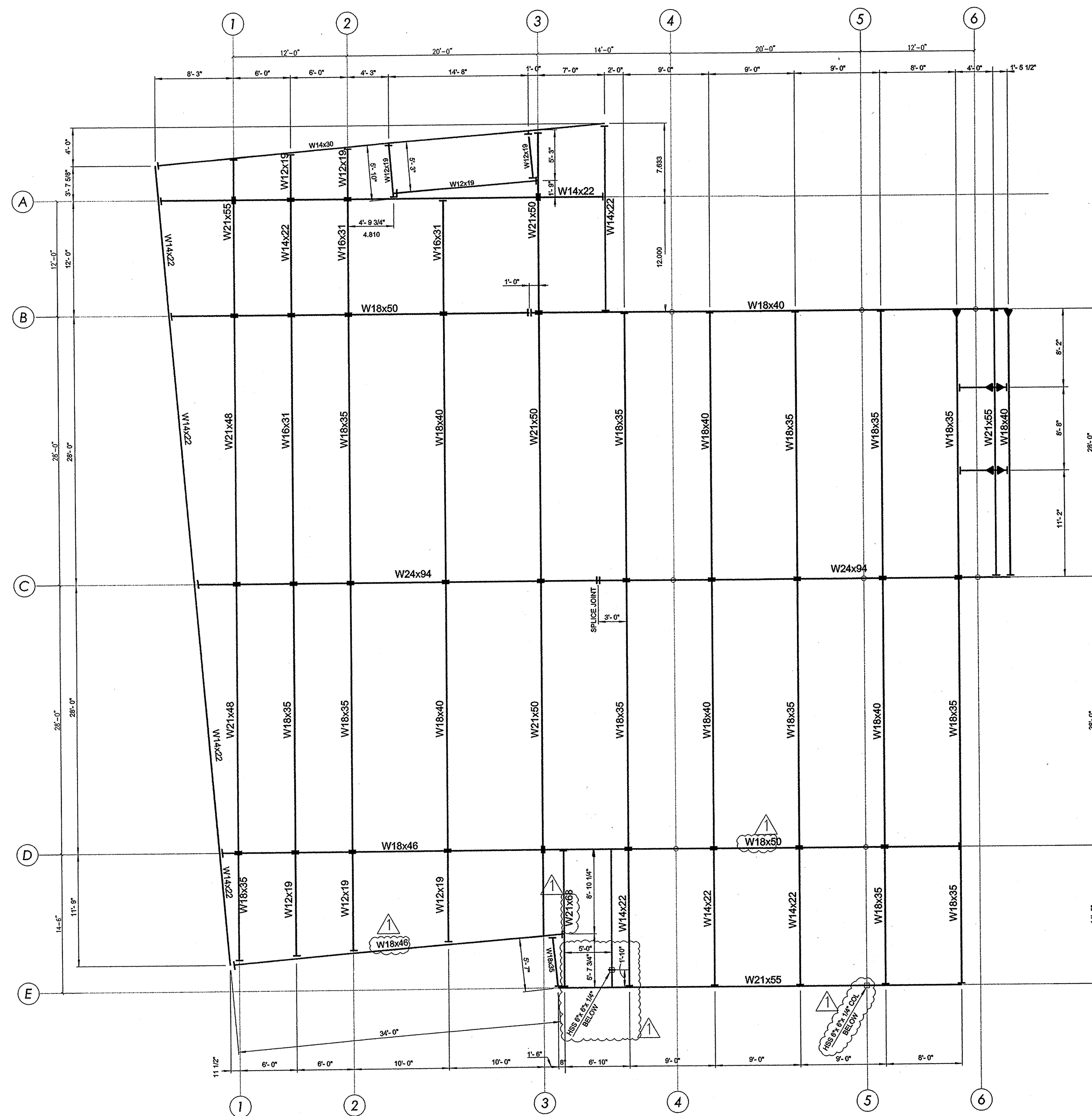
No.	Date	Description

BLUE ROSE LANDING
19TH STREET AND
RIVERSIDE DRIVE
TULSA, OKLAHOMA 74119

**RAMP STRUCTURAL
PLAN & DETAILS**

JANUARY 25TH, 2010

SHEET NO. S105 OF



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 14683
 OKLAHOMA

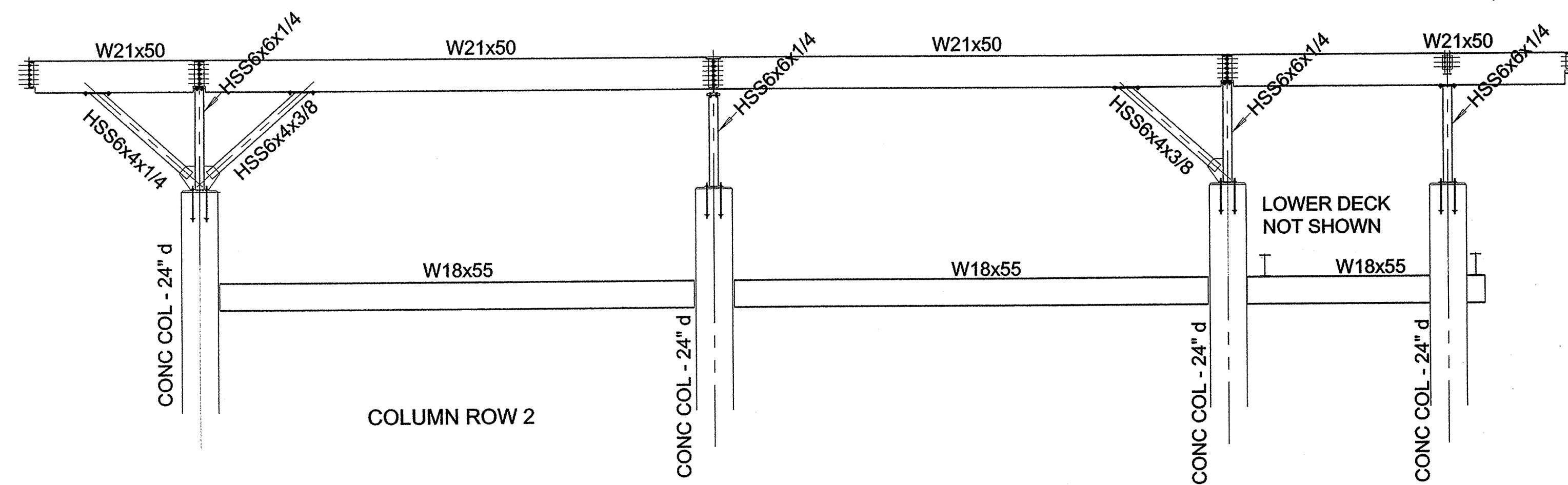
REVISIONS		
No.	Date	Description
1	2-2-10	REVISIONS

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**STRUCTURAL
 FRAMING**

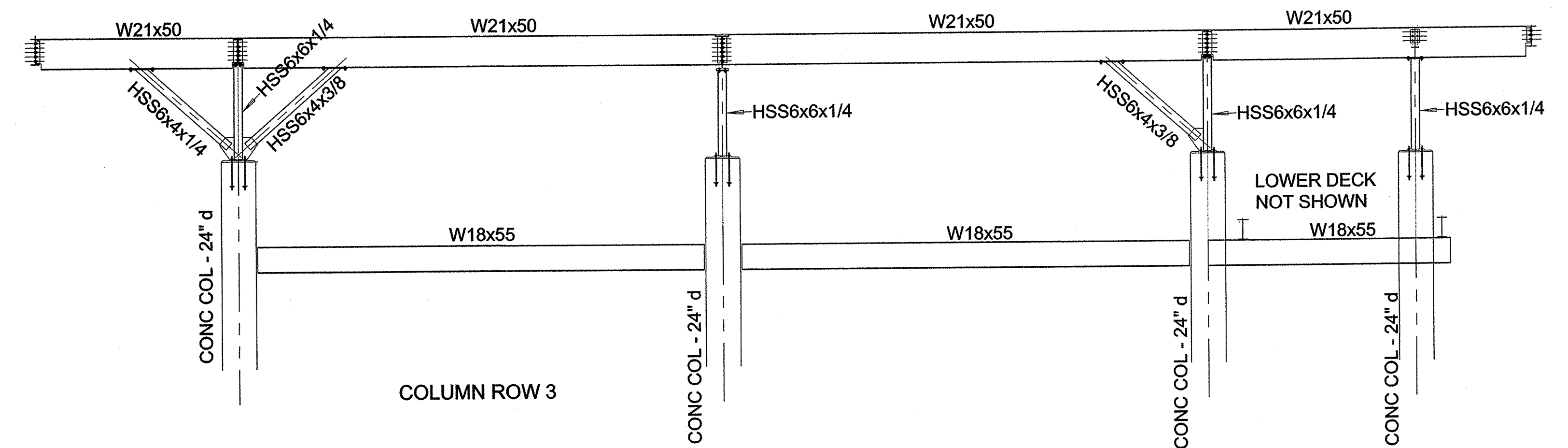
JANUARY 25TH, 2010

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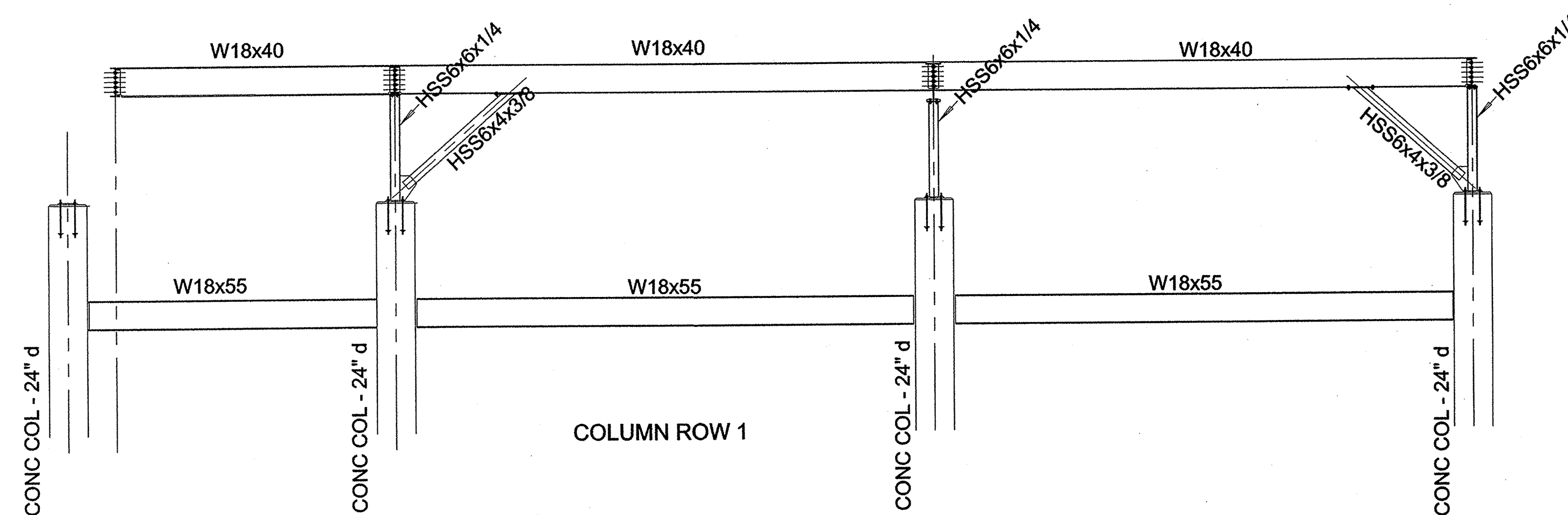
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SCALE: SCALE: NTS



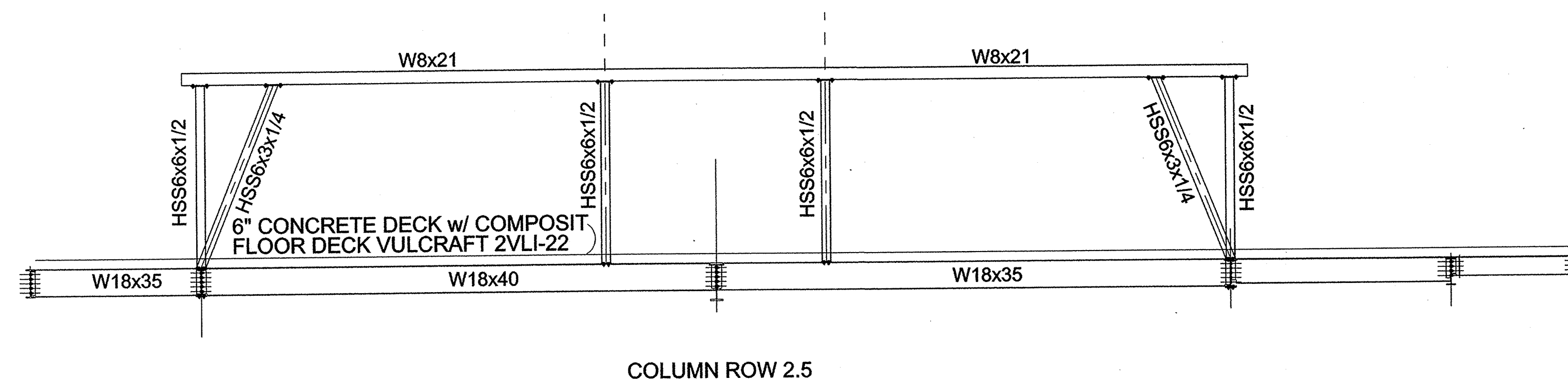
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SCALE: SCALE: NTS



3 ELEVATION @ COL. ROW "1"

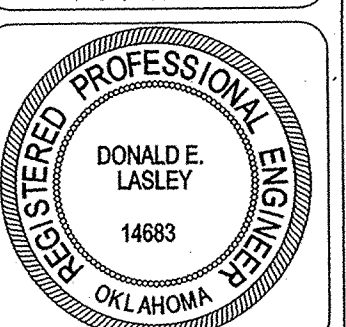
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4 ELEVATION @ COL. ROW "2.5"

SCALE: SCALE: NTS

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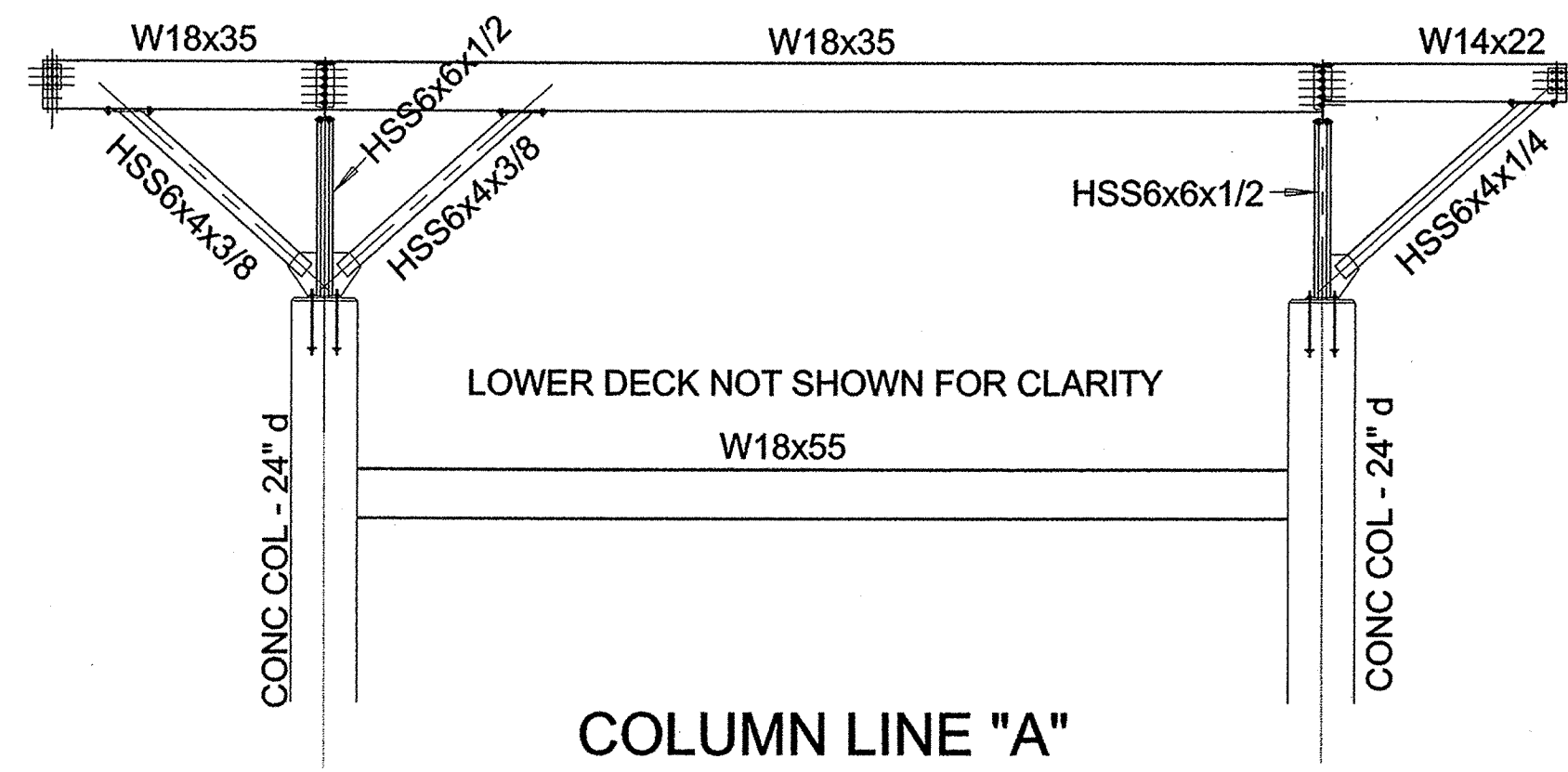
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No.	Date	Description

BLUE ROSE LANDING
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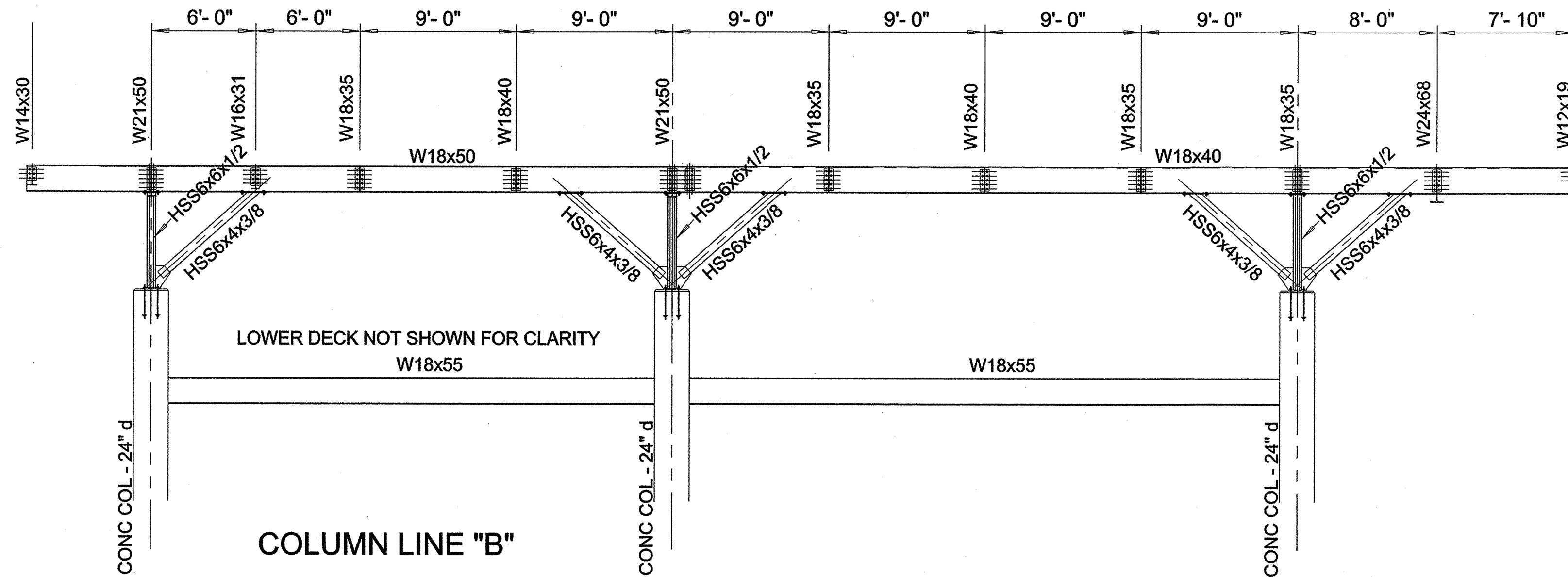
FRAMING ELEV'S.
AND NOTES

JANUARY 25TH, 2010

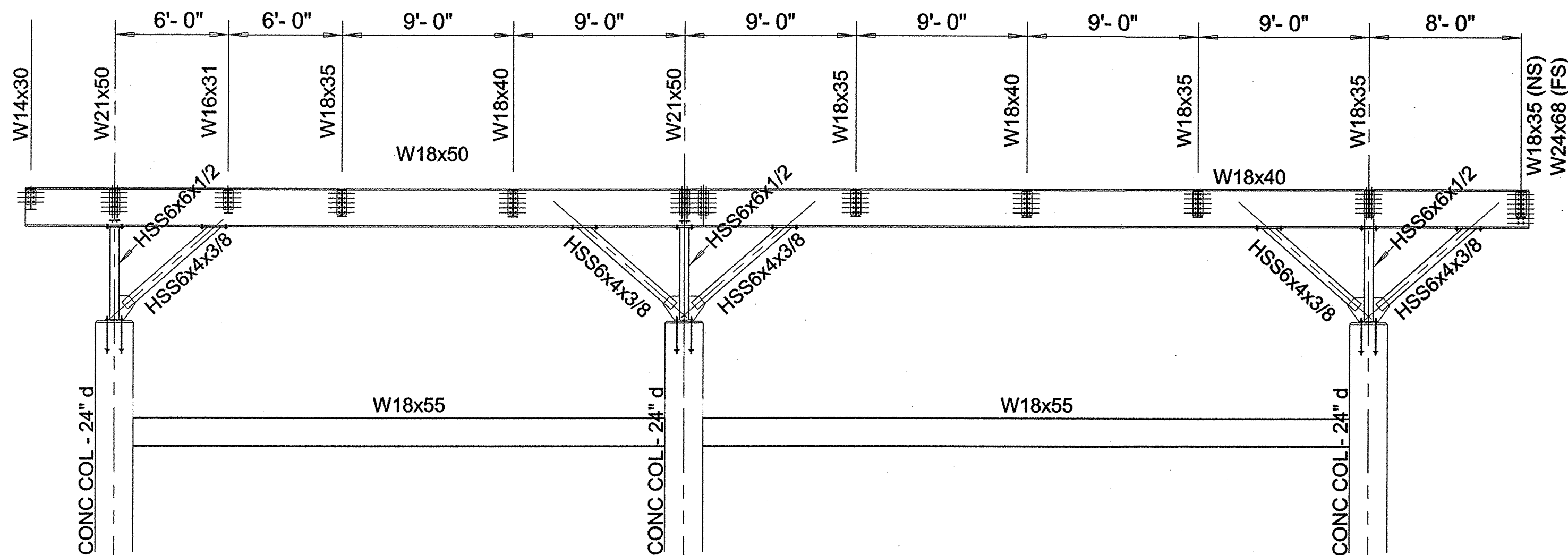
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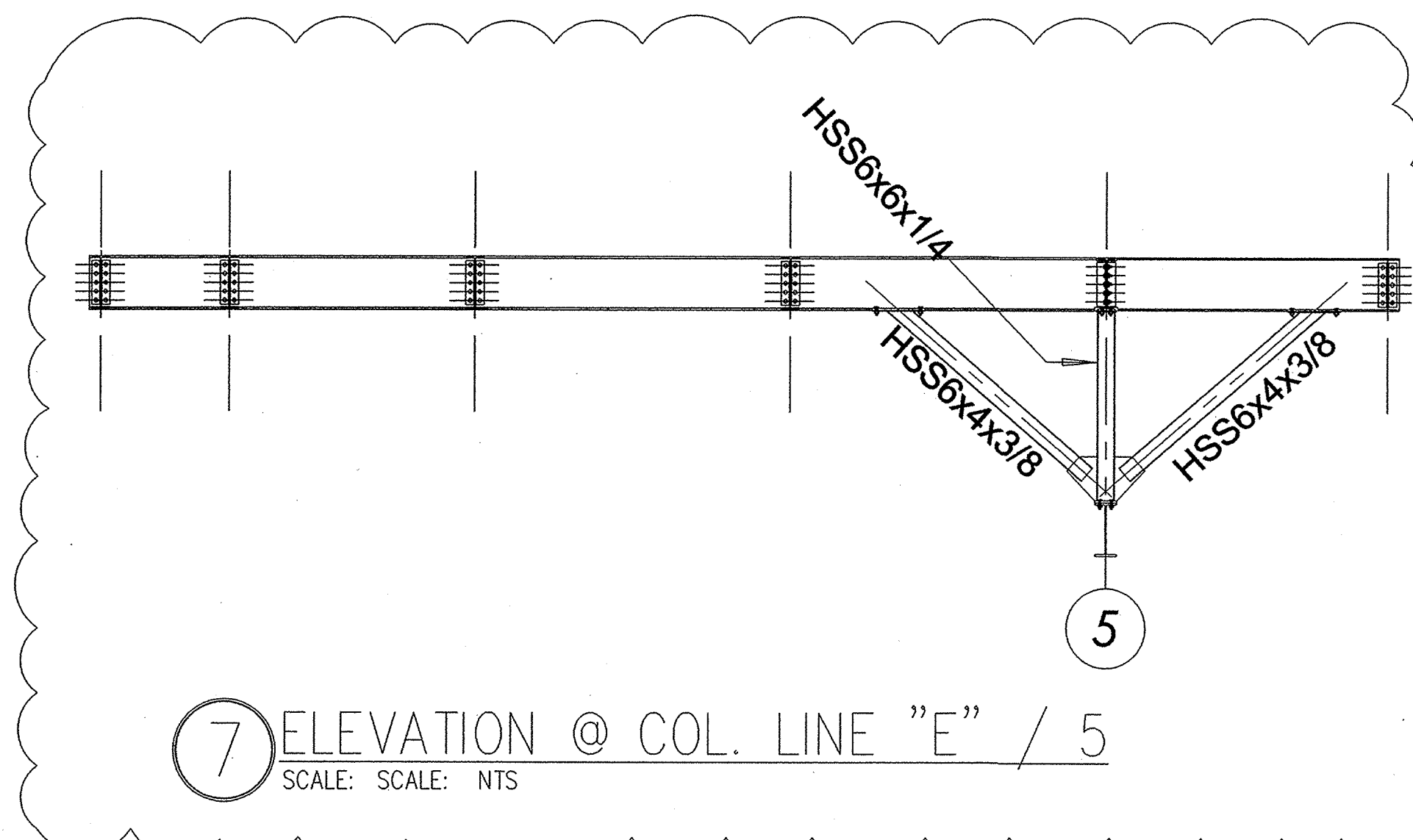
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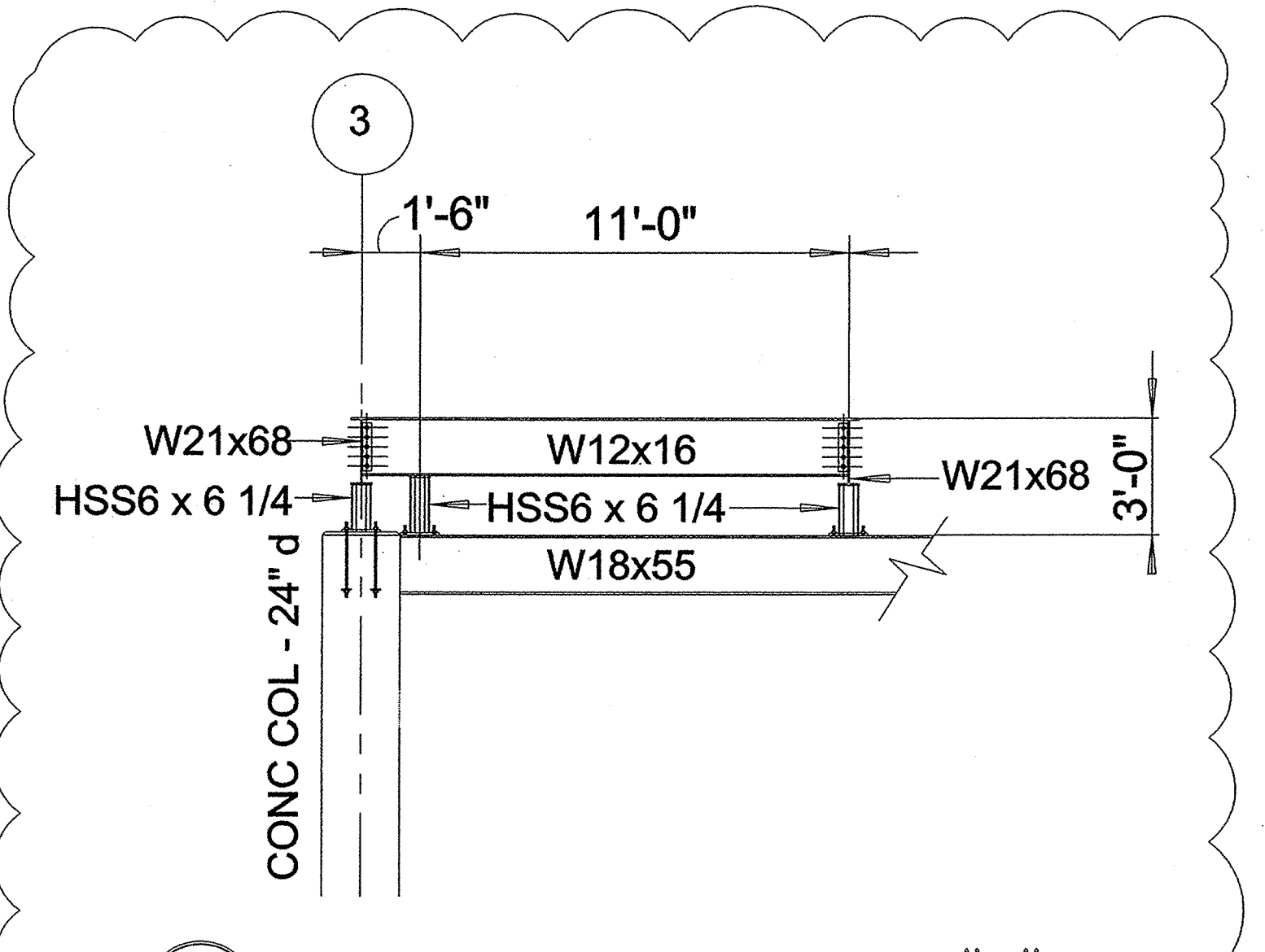
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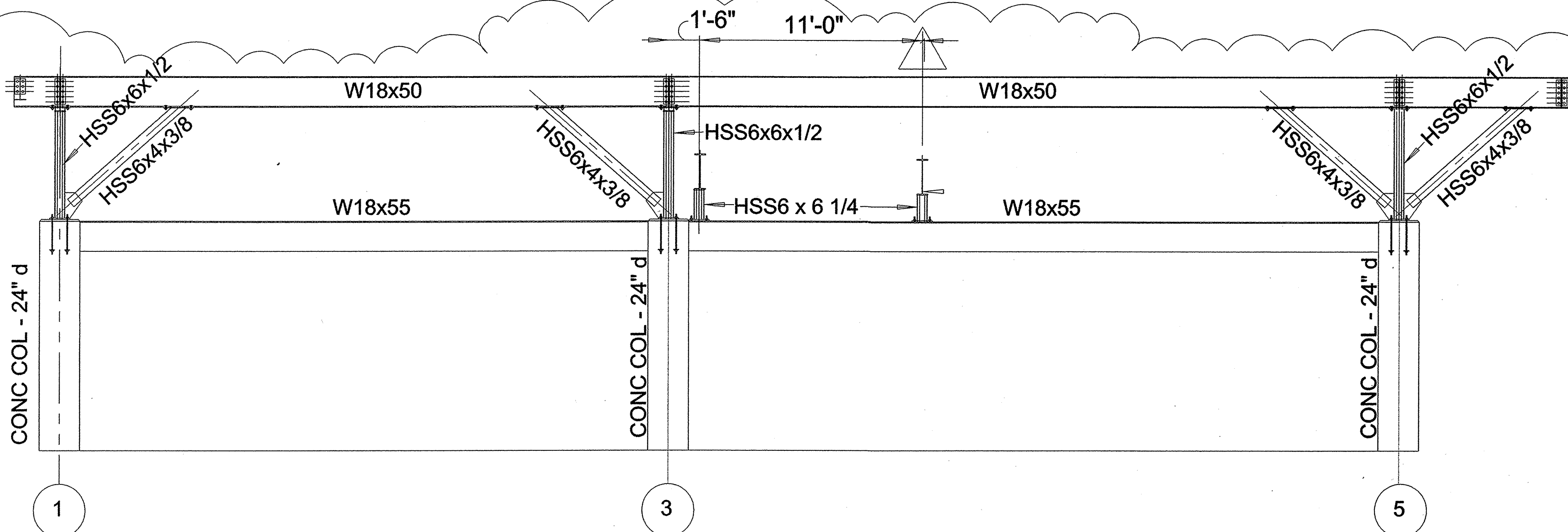
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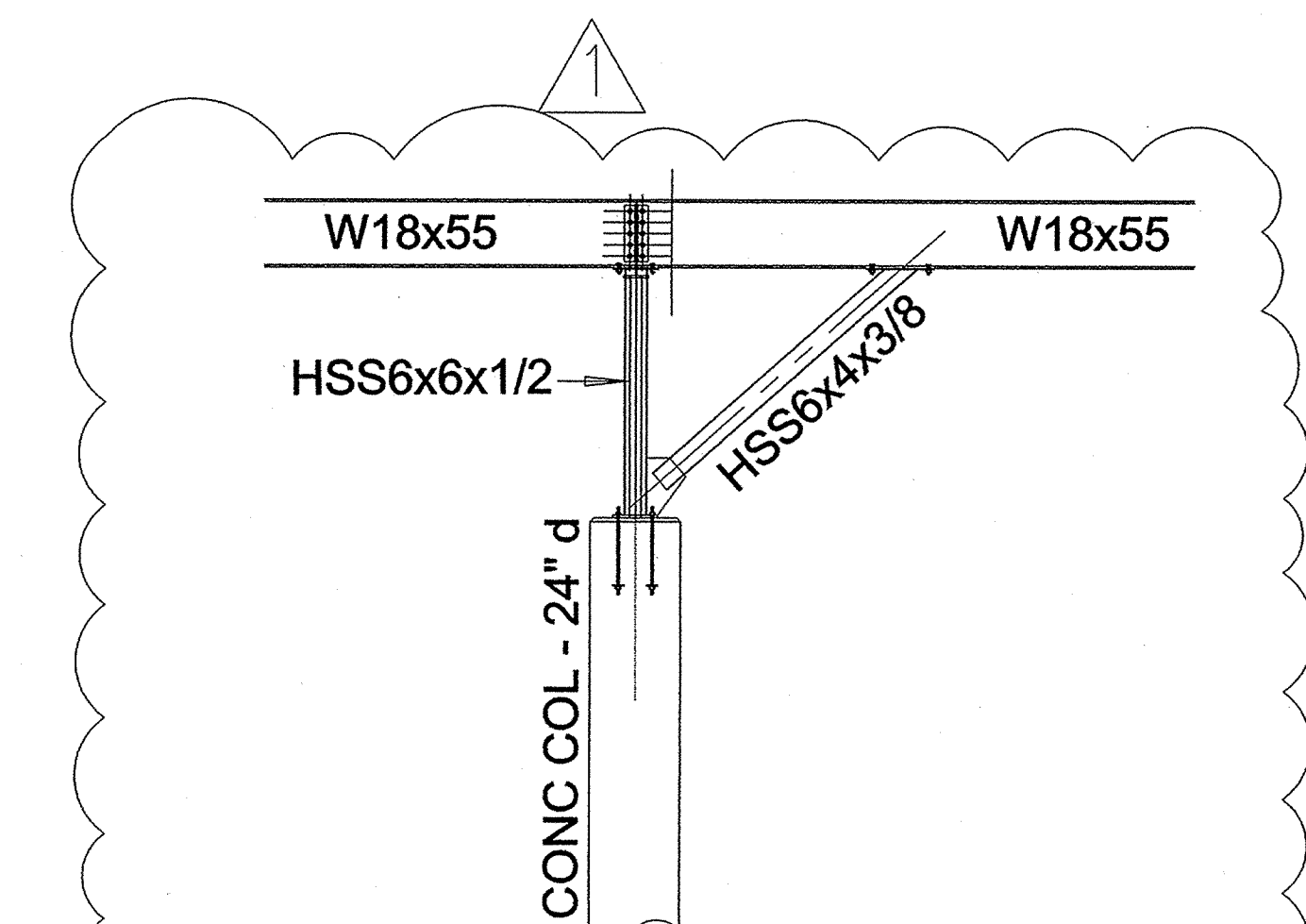
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SCALE: SCALE: NTS



5 ELEVATION @ COL. LINE "E"
SCALE: SCALE: NTS

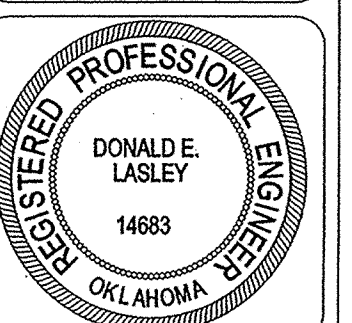


4 ELEVATION @ COL. LINE "D"
SCALE: SCALE: NTS



6 ELEVATION @ COL. LINE "E"
SCALE: SCALE: NTS

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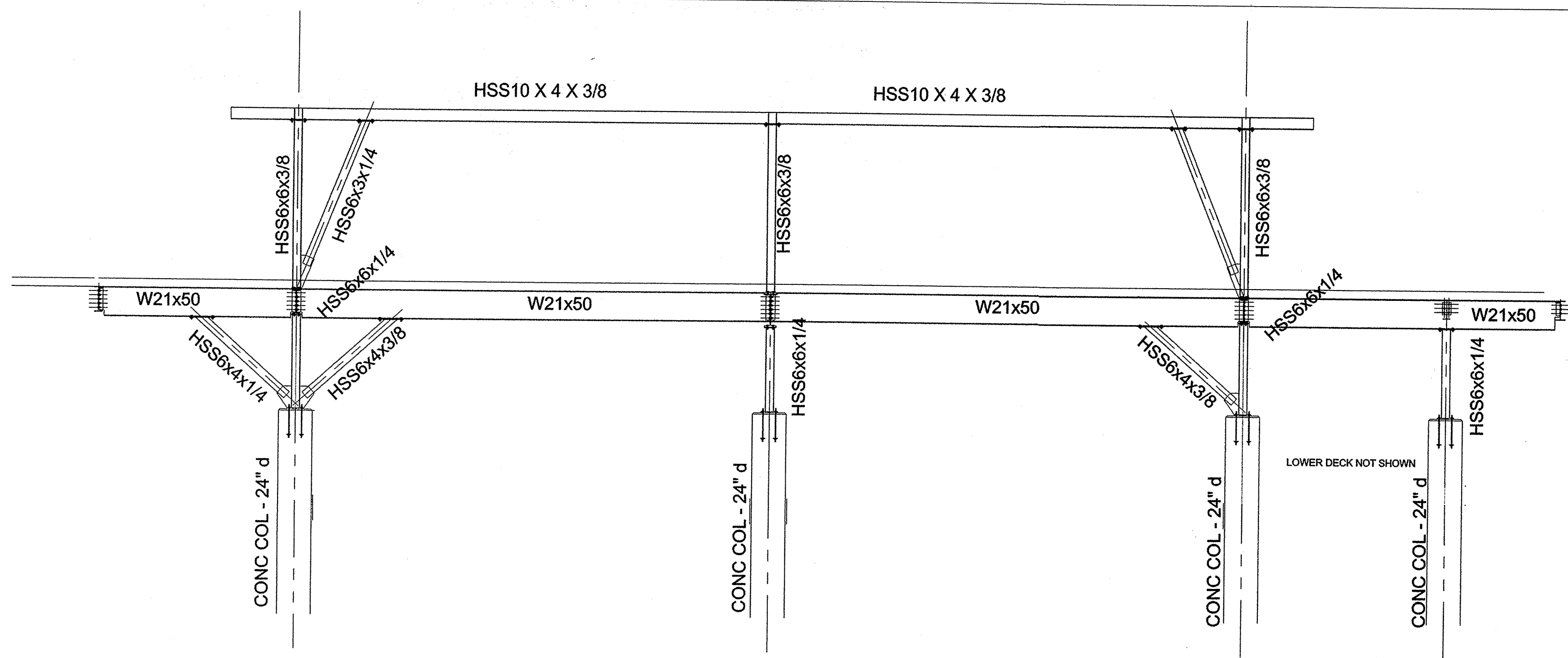
REVISIONS		
No.	Date	Description
1	2-2-10	REVISIONS

BLUE ROSE LANDING
19TH STREET AND
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FRAMING ELEV'S.
AND NOTES

JANUARY 25TH, 2010

SHEET
NO. S108 OF



COL ROW 5

COLUMN ROW 5
EAST SIDE OF BUILDING

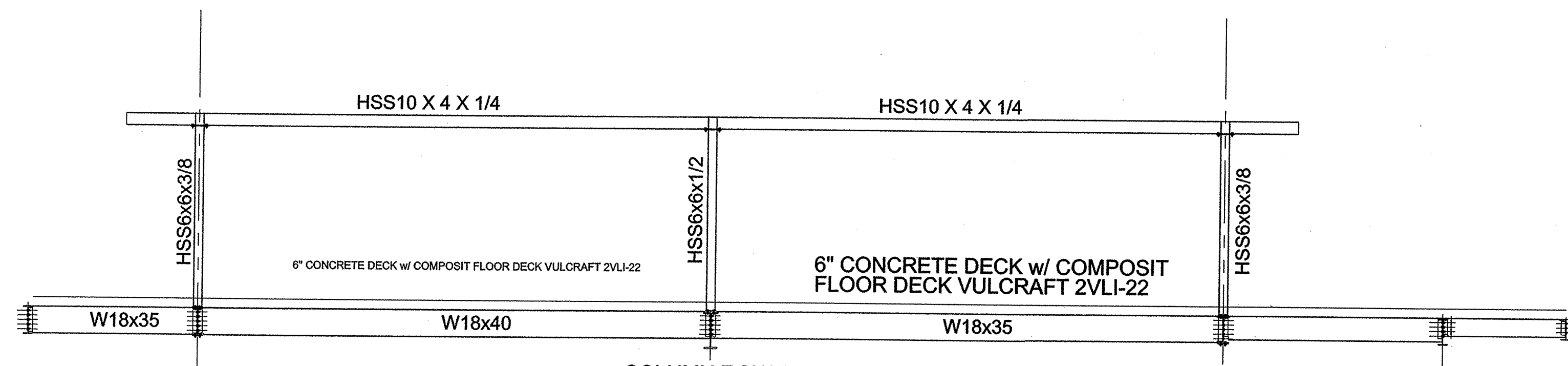
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COL ROW 3

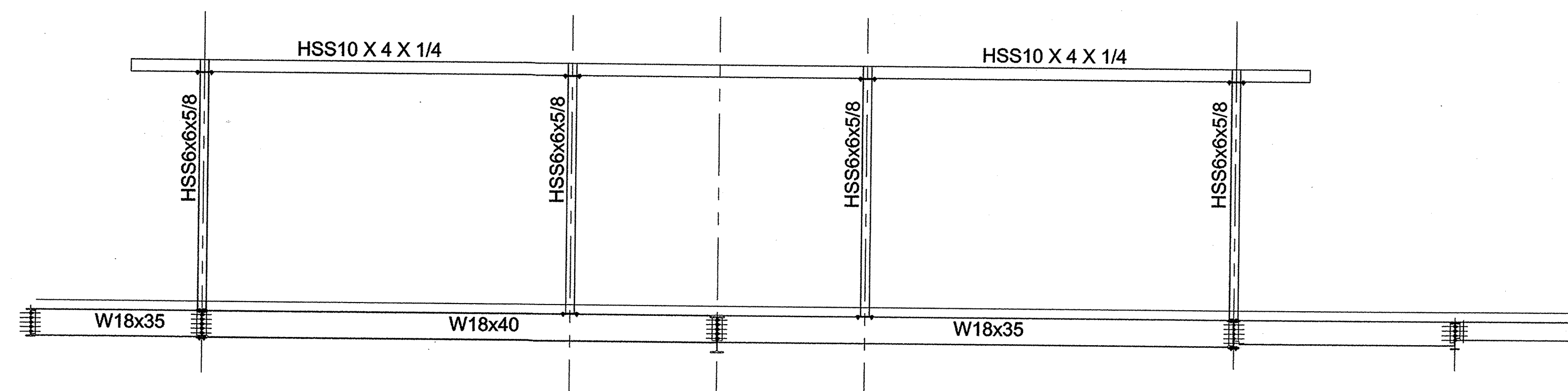
COLUMN ROW 3

2 ELEVATION @ COL. ROW "3"
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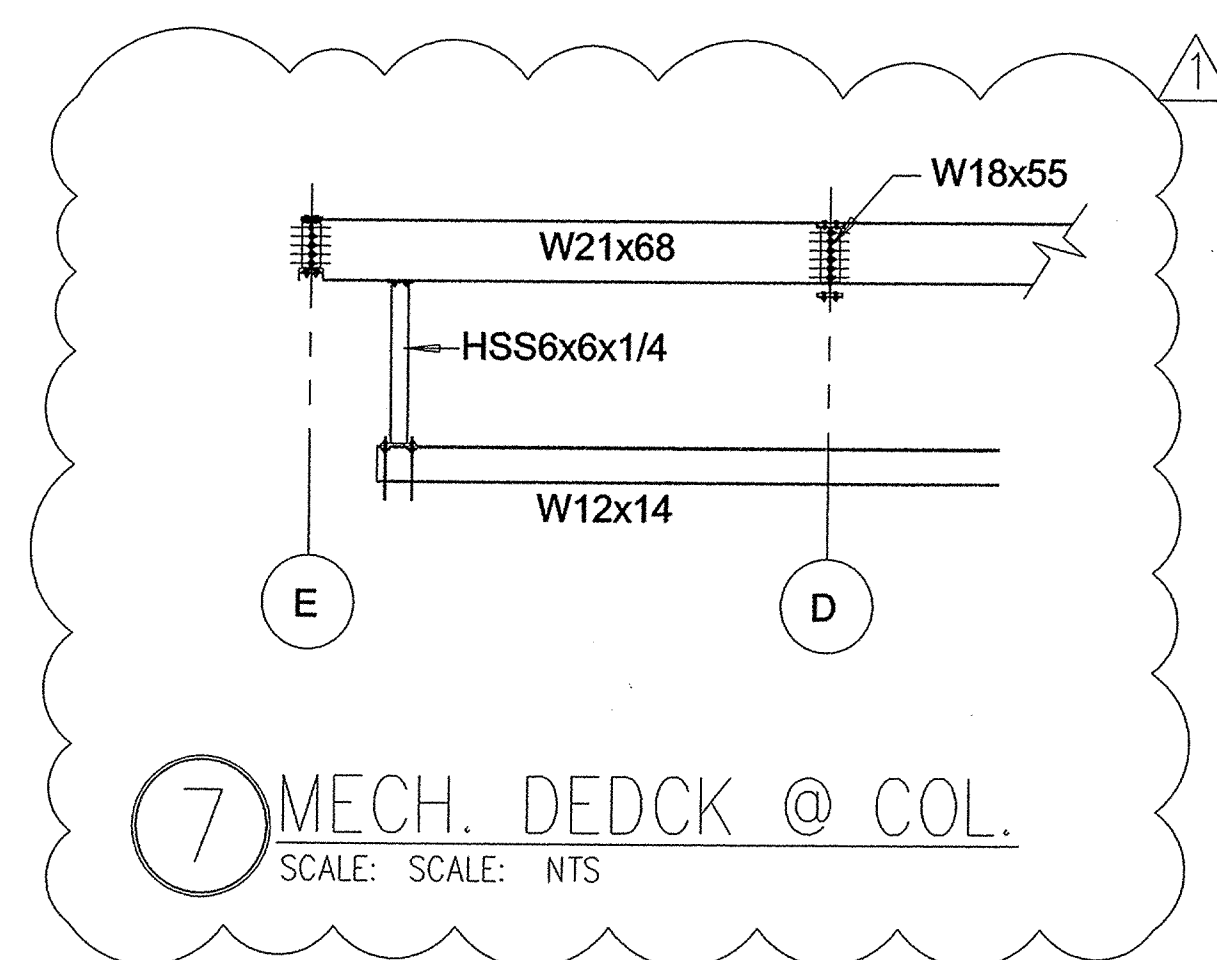


COLUMN ROW 2
WEST SIDE OF BUILDING

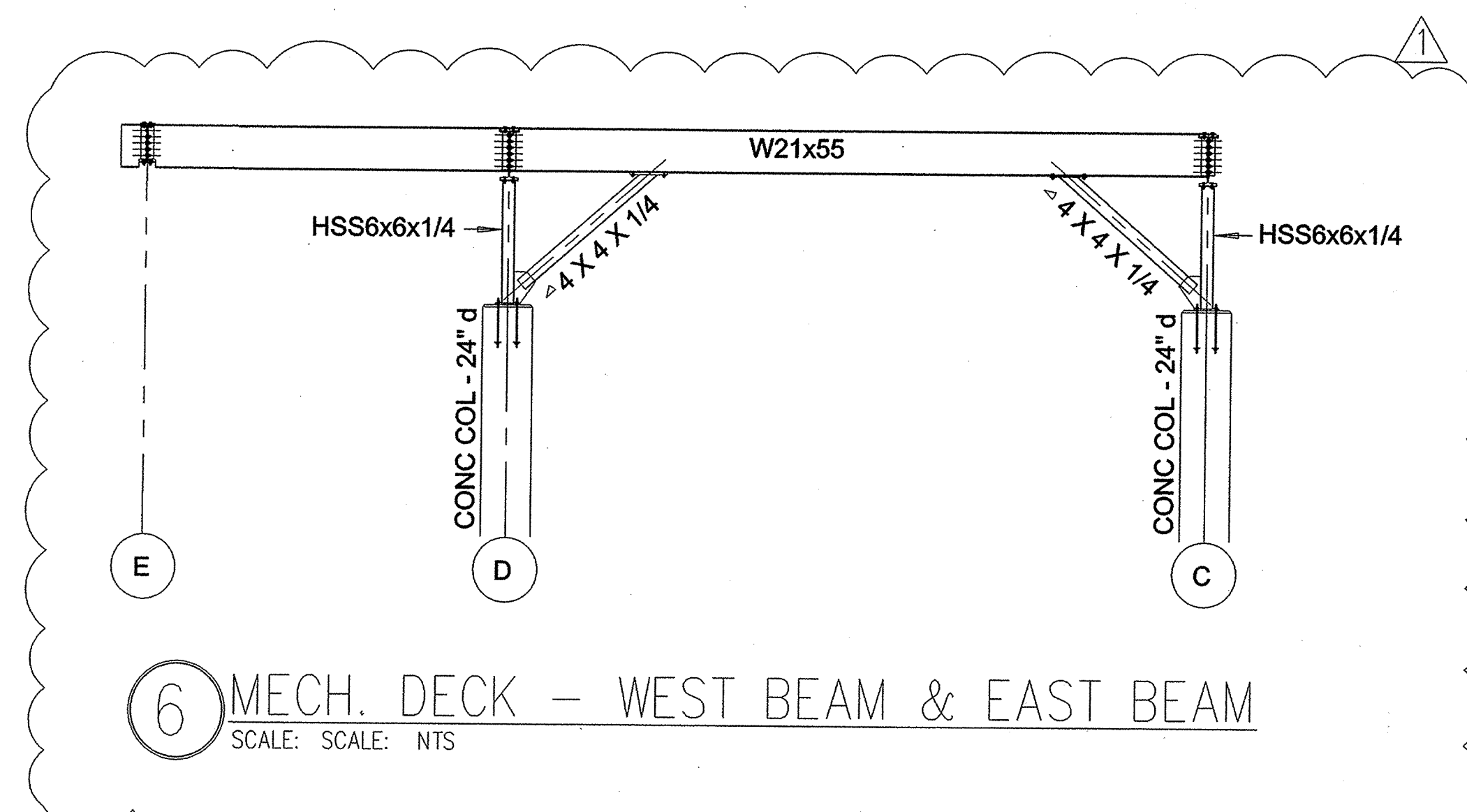
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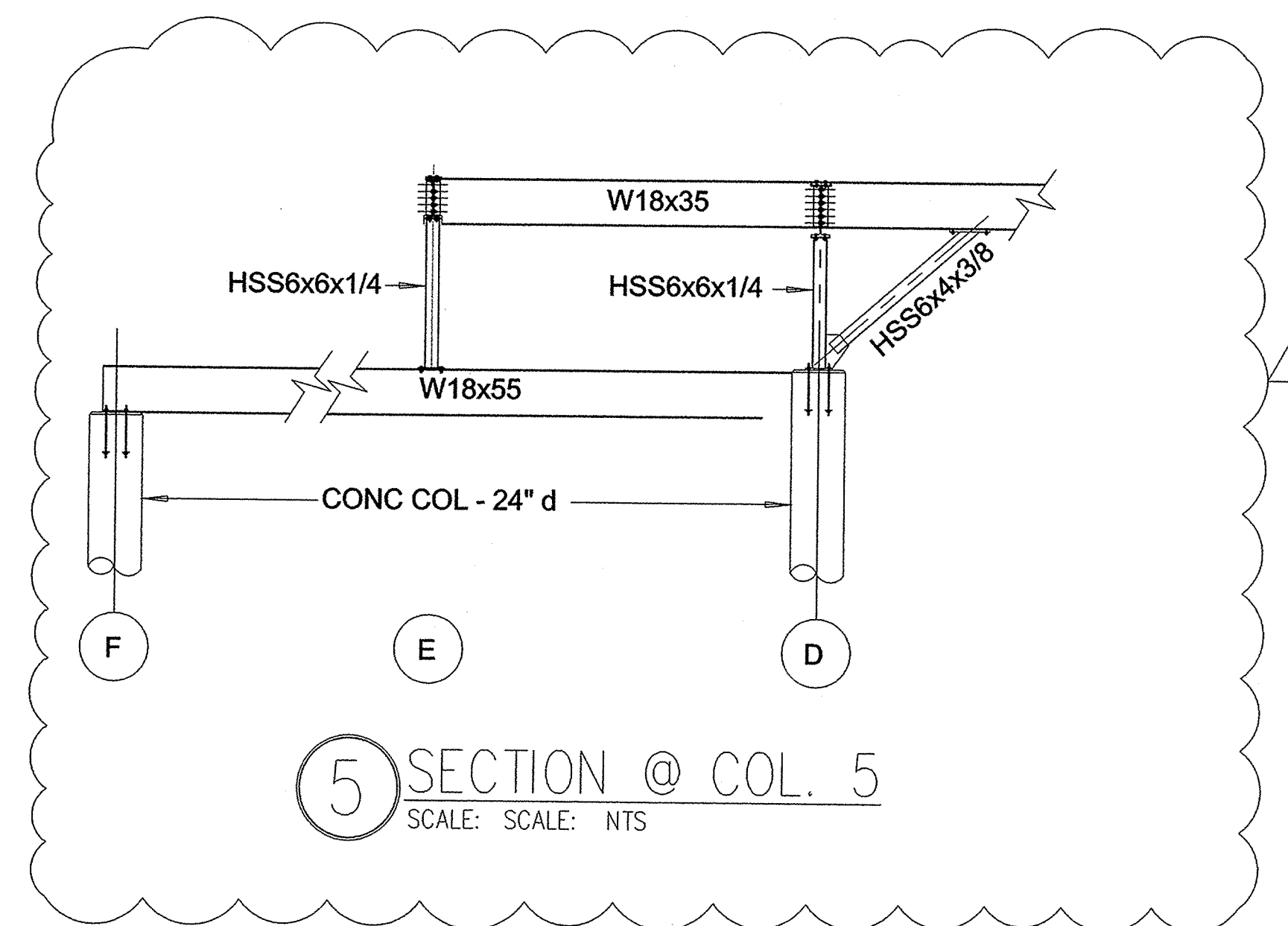
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7 MECH. DECK @ COL.
SCALE: SCALE: NTS

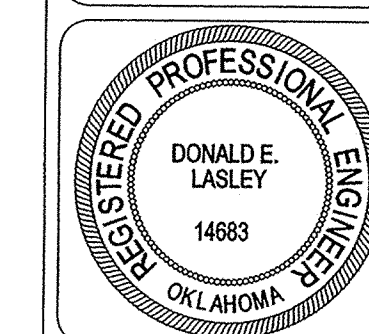


6 MECH. DECK - WEST BEAM & EAST BEAM
SCALE: SCALE: NTS



5 SECTION @ COL. 5
SCALE: SCALE: NTS

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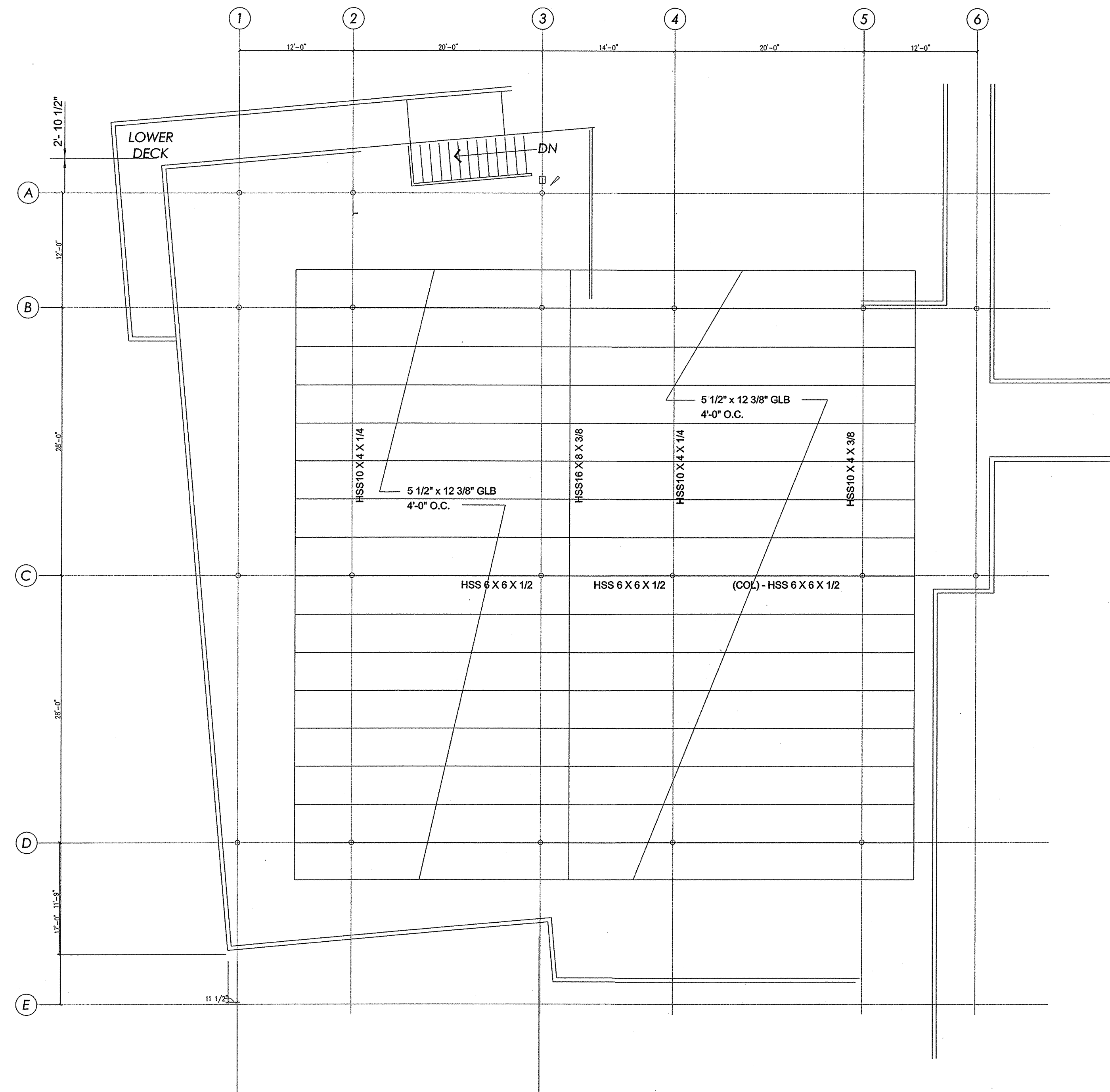
REVISIONS		
No.	Date	Description
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BLUE ROSE LANDING
19TH STREET AND
RIVERSIDE DRIVE
TULSA, OKLAHOMA 74119

FRAMING ELEV'S.
AND NOTES

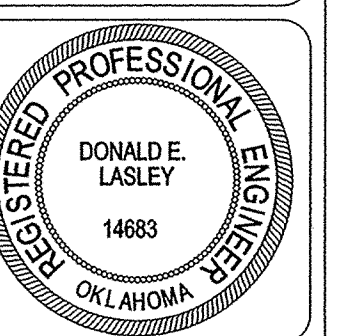
JANUARY 25TH, 2010

SHEET NO. S109 OF



1 STRUCTURAL FRAMING PLAN
SCALE: 1/8" = 1'-0"

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ROOF FRAMING
PLAN

JANUARY 25TH, 2010

SHEET NO. S110 OF

GENERAL NOTES:

1. FOR PLACEMENT OF ELECTRICAL CONDUIT IN SLAB, REFER TO THE ARCHITECTURAL SLAB PLAN. CONDUIT NOT SHOWN FOR CLARITY.

STEEL NOTES:

1. ALL ROLLED STEEL SHALL BE NEW, ASTM A-6, GR. 50. OR ASTM A-36, GR 50.
2. ALL HSS SECTIONS SHALL BE NEW, A-568 STEEL.
3. ALL PLATES AND ANCHOR BOLTS SHALL BE ASTM A-36 STEEL.
4. ALL BOLTS SHALL BE ASTM A-325, WITH BOLT AND WASHER
5. ALL WELDS SHALL CONFORM TO AWS D.1/D.1M (2004).
6. ALL WELDS SHALL BE MADE USING E-70XX ELECTRODES.
7. AFTER FABRICATION, ALL STEEL SHALL RECEIVE ONE SHOP COAT OF RED ALKYD PRIMER PRIOR TO SHIPMENT TO FIELD.
8. ALL BOLTED CONNECTION SHALL BE DESIGNED TO ALLOW FOR THE MAXIMUM ALLOWABLE LOAD FOR THE MEMBERS BEING CONNECTED.
9. TRUSS MANUFACTURER SHALL SUBMIT SEALED DRAWINGS OF TRUSSES PRIOR TO FABRICATION FOR REVIEW AND APPROVAL.

LIGHT GAGE STEEL NOTES

1. ALL STUDS, TRACKS AND JOISTS SHALL BE FORMED TO CONFORM TO PROPERTIES SIMILAR TO THOSE MANUFACTURED BY THE STEEL STUD MANUFACTURER'S ASSOCIATION.
2. ALL STEEL USED TO FORM THE STUDS, TRACKS AND JOISTS SHALL CONFORM TO THE MINIMUM REQUIREMENTS OF AISI STANDARDS.
3. ALL SHAPES 18 GA. AND LESS SHALL BE ROLLED FROM 33 ksi MATERIAL.
4. ALL SHAPES 16 GA AND THICKER SHALL BE ROLLED FROM 50 ksi MATERIAL.
5. ALL STRAPPING USED FOR X-BRACES SHALL BE MINIMUM 4"x 16 ga.
6. ALL LOAD BEARING WALLS SHALL BE 16 GA MINIMUM.
7. ALL TRACK/STUD JOINTS SHALL BE TIGHT & LESS THAN 1/8", NO EXCEPTIONS.
8. TRACKS CAN BE AFFIXED TO THE CONCRETE SLAB USING POWDER ACTUATED PINS, EPOXY STUDS OR CONCRETE SCREWS. CARE SHOULD BE EXERCISED WHEN USING EXPANSION ANCHORS CLOSE TO THE EDGE OF THE SLAB TO AVOID BREAKING THE CONCRETE.
9. HORIZONTAL BRACING SHALL BE INSTALLED AT 48" VERTICALLY, WITH CLIPS TO STUDS FOR LATERAL BRACING

STEEL DECK NOTES:

1. ALL STEEL DECK SHALL BE VULCRAFT 3VLI20 COMPOSITE STEEL DECK OR APPROVED EQUIVALENT.
2. ALL DECK CONCRETE SHALL BE NORMAL WEIGHT CONCRETE PER CONCRETE NOTES.
3. MINIMUM COVER FOR WIRE REINFORCEMENT SHALL BE 2".
4. DECK SHALL BE WELDED TO SUPPORT BEAMS USING A 3/64 WELD PATTERN. ALL WELDS SHALL BE 5/8" PUDDLE WELDS AT SHEET ENDS AND SIDE LAP JOINTS.
5. ALL STEEL REINFORCEMENT SHALL BE IN THE FORM OF WELDED WIRE SHEETS. ROLLED REINFORCEMENT SHALL NOT BE USED.

GLUED LAMINATED TIMBER NOTES:

1. ALL GLUED LAMINATED TIMBER SHALL COMPLY WITH ANSI/AITC A 190.1, "STRUCTURAL GLUED LAMINATED TIMBER."
2. MANUFACTURER QUALIFICATION: PROVIDE FACTORY STRUCTURAL UNITS, PRODUCED BY AN AITC -LICENSED FIRM QUALIFIED TO APPLY THE AITC QUALITY INSPECTED MARK. FACTORY -MARK EACH PIECE OF GLUED LAMINATED STRUCTURAL UNITS WITH AITC QUALITY INSPECTED MARK.
3. PLACE AITC MARK ON TIMBER SURFACES WHICH WILL NOT BE EXPOSED IN COMPLETED WORK.
4. INSTALLER FIRM SHALL HAVE DEMONSTRATED COMPETENCE SPECIALIZING IN INSTALLING GLUED LAMINATED TIMBER FOR AT LEAST 5 YEARS.
5. FOR DELIVERY, STORAGE, AND HANDLING, CONTRACTOR SHALL COMPLY WITH PROVISIONS OF AITC 111, "RECOMMENDED PRACTICE FOR PROTECTION OF STRUCTURAL GLUED LAMINATED TIMBER DURING TRANSIT, STORAGE, AND ERECTION".
6. STRUCTURAL GLUED LAMINATED UNITS SHALL BE MADE USING LUMBER THAT COMPLIES WITH ANSI/AITC A190.1 AND APPLICABLE LUMBER ASSOCIATION STANDARDS CITED THEREIN FOR GRADES REQUIRED TO ACHIEVE GLULAM REQUIREMENTS FOR DESIGN VALUES, APPEARANCE, FABRICATION LIMITATIONS, AND SPECIES.
7. LAMINATING COMBINATIONS TO BE DETERMINED BY MANUFACTURER.
8. LUMBER SPECIES: DOUGLAS FIR / LARCH (NO MIXED SPECIES ALLOWED) WITH MOISTURE CONTENT AVERAGE OF 12%, MAXIMUM OF 15%. WHERE WET USE IS INDICATED USE DECAY RESISTANT ALASKA YELLOW CEDAR.
9. ADHESIVE: ANSI/AITC A190.1, WET-USE TYPE.
10. END SEALER: MANUFACTURERS STANDARD, TRANSPARENT, COLORLESS WOOD SEALER, EFFECTIVE IN RETARDING TRANSMISSION OF MOISTURE AT CROSS-GRAIN CUTS.
11. PENETRATING SEALER: MANUFACTURERS STANDARD, TRANSLUCENT, PENETRATING WOOD SEALER, THAT WILL NOT INTERFERE WITH APPLICATION OF WOOD STAIN AND TRANSPARENT FINISH, OR PAINT FINISH.
12. CONNECTORS, ANCHORS, AND ACCESSORIES: PROVIDE FABRICATED STEEL [ASTM A 36 (ASTM A 36M)] SHAPES, PLATES, AND BARS, WELDED INTO ASSEMBLIES OF TYPES AND SIZES INDICATED. PROVIDE STEEL BOLTS (ASTM A 307), LAG BOLTS, NAILS, AND OTHER STANDARD FASTENERS AS REQUIRED FOR INSTALLATION.

13. FINISH FABRICATED ASSEMBLIES WITH RUST-INHIBITIVE PRIMER.
14. WET-USE FINISH: WHERE WET-USE GLULAM WORK IS INDICATED, FINISH FABRICATED ASSEMBLIES WITH HOT-DIP ZINC COATING (ASTM A 153), INCLUDING BOLTS AND OTHER FASTENERS.
15. SHOP FABRICATE FOR CONNECTIONS AND CONNECTING HARDWARE TO GREATEST EXTENT FEASIBLE, INCLUDING DRILLING OF BOLT HOLES.
16. PROVIDE ARCHITECTURAL APPEARANCE GRADE UNITS COMPLYING WITH AITC 110.
17. THE REQUIRED CAMBER FOR FABRICATING EACH MEMBER AS DETERMINED BY THE MANUFACTURER, AND MAY BE EITHER CIRCULAR OR PARABOLIC, AT MANUFACTURERS
18. END-CUT SEALING: IMMEDIATELY AFTER END-CUTTING EACH MEMBER TO FINAL LENGTH, AND AFTER WOOD TREATMENT (IF ANY), APPLY A SATURATION COAT OF END SEALER TO ENDS AND OTHER CROSS- OTHER CROSS
19. SEAL COAT: AFTER FABRICATING AND END-COAT SEALING, APPLY A SATURATION COAT OF PENETRATING SEALER ON SURFACES OF EACH UNIT, EXCEPT FOR TREATED WOOD WHERE TREATMENT HAS INCLUDED A WATER REPELLENT.
20. FACTORY FINISH: APPLY ONE COAT OF MANUFACTURERS STANDARD SEMI TRANSPARENT OIL BASE STAIN, COLOR AS SELECTED BY THE ARCHITECT FROM MANUFACTURERS STANDARD COLORS. HAND APPLY STAIN TO ENSURE CONSISTENT FINISH.
21. FACTORY APPLIED PROTECTION: INDIVIDUALLY WRAP GLUED LAMINATED TIMBERS WITH MANUFACTURERS STANDARD WATER-RESISTANT, PLASTIC COATED PAPER.

GLUED LAMINATED TIMBER INSTALLATION NOTES:

1. CONTRACTOR SHAL UNSTALL MISCELLANEOUS STEEL CONNECTORS, ANCHORS, AND ACCESSORIES.
2. PLAN AND EXECUTE ERECTION PROCEDURES SO THAT CLOSE FIT AND NEAT APPEARANCE OF JOINTS AND STRUCTURE AS A WHOLE WILL NOT BE IMPAIRED. WHEN HOISTING MEMBERS INTO PLACE, USE PADDED OR NONMARRING SLINGS, AND PROTECT CORNERS WITH WOOD BLOCKING.
3. ADEQUATELY BRACE MEMBERS AS THEY ARE PLACED TO MAINTAIN SAFE POSITION UNTIL FULL STABILITY IS PROVIDED.
4. CUTTING: AVOID CUTTING GLULAM MEMBERS DURING ERECTION. EXCEPT FOR FASTENER DRILLING AND OTHER MINOR CUTTING, COAT CUTS WITH END SEALER.
5. HANDLE AND TEMPORARILY SUPPORT MEMBERS TO PREVENT VISIBLE SURFACE DAMAGE.
6. DO NOT REMOVE WRAPPING ON INDIVIDUALLY WRAPPED MEMBERS UNTIL IT WILL SERVE NO USEFUL PURPOSE, INCLUDING PROTECTION FROM WEATHER, SOILING AND DAMAGE FROM WORK OF OTHER TRADES. HOWEVER, EXPOSING PORTIONS OF MEMBERS TO SUNLIGHT CAN CAUSE NON UNIFORM "UV" STAINING. FULLY COVERING OR FULLY EXPOSING MEMBERS WILL HELP MINIMIZE NON-UNIFORM STAINING. SHIPPING WRAP IS INTENDED TO PROTECT MEMBERS FROM SOILING DURING SHIPPING. THIS SAME WRAP MAY BE USED FOR PROTECTION FROM PRECIPITATION OR SUN STAINING. DUE TO THE POSSIBILITY OF VARYING CONDITIONS AT THE SITE, A DETERMINATION OF THE SUITABILITY AND THE MAINTENANCE OF THE SHIPPING WRAP FOR JOB SITE PROTECTION MUST BE MADE ACCORDING TO THOSE CONDITIONS.
7. COORDINATE WRAPPING REMOVAL WITH FINISHING WORK SPECIFIED IN DIVISION 9. RETAIN WRAPPING WHEREVER IT CAN SERVE AS A PAINTING SHIELD.
8. NAIL DECKING TO SUPPORTS ACCORDING TO AITC RECOMMENDATIONS. PROVIDE TEMPORARY WATERPROOF COVERING TO PROTECT EXPOSED DECKING PRIOR TO APPLYING FINISHED ROOFING.
9. REPAIR DAMAGED SURFACES AND FINISHES AFTER COMPLETING ERECTION AND REMOVING WRAPPINGS, OR REPLACE DAMAGED MEMBERS AS DIRECTED WHERE DAMAGE IS BEYOND ACCEPTABLE REPAIR.

DESIGN NOTES	
DESIGN CRITERIA	
CODE: INTERNATIONAL BUILDING CODE, 2006 ed.	
LOAD COMBINATIONS FOR ALLOWABLE STRESS DESIGN	
D+L	
D+L+S	
D + (W or 0.7E) + L + S	
0.6D + W	
0.6D + 0.7E	

DESIGN LOADS:	
ROOF DEAD LOAD	30 PSF
ROOF LIVE LOAD	20 PSF
FRAMED FLOOR LIVE LOAD	100 PSF ON DECK
	100 PSF CORRIDOR
STAIR LIVE LOAD	100 PSF
WATER DRAG FORCES (ON PIERS)	0.23 KIP / LIN FT

SNOW LOADS	
EXPOSURE CATEGORY	C
GROUND SNOW LOAD	10 PSF
SLOPE FACTOR	1.0
IMPORTANCE FACTOR	1.0
	E C
TEMPERATURE FACTOR	1.0

WIND LOADS				
DESIGN WIND VELOCITY			90 MPH	
EXPOSURE CATEGORY			C	
HEIGHT ADJUSTMENT FACTOR			1.61	
FACTOR OF SAFETY - OVERTURNING			3.52	
DESIGN PRESSURES FOR MAIN STRUCTURAL SYSTEM, ROOF SLOPE 0° TO 5°				
			Transverse	Longitudinal
Horizontal Loads	End Zone	Wall	16.1psf	12.8psf
		Roof	2.6psf	-6.7psf
	Interior Zone	Wall	11.7psf	8.5psf
		Roof	2.7psf	-4.0psf
Vertical Loads	End Zone	WW Roof	-7.2psf	-15.4psf
		LW Roof	-9.8psf	-8.8psf
	Interior Zone	WW Roof	-5.2psf	-10.7psf
		LW Roof	-7.8psf	-6.8psf
	WW	End Zone	-13.3psf	-21.6psf
	Overhang	Int Zone	-11.4psf	-16.9psf
			1E	9.8psf
Max. Horizontal Wall Loads	Zone	4E	-7.5psf	-7.5psf
		1	7.2psf	7.2psf
		4	-5.8psf	-5.8psf

SEISMIC DESIGN CRITERIA:	
SEISMIC USE GROUP	I
SPECTRAL RESPONSE COEFFICIENTS	0.132
SPECTRAL RESPONSE COEFFICIENTS	0.076
SITE CLASS	C (ASSUMED)
BASIC SEISMIC RESISTING SYSTEM	ECCENTRICALLY BRACED STEEL FRAME
DESIGN BASE SHEAR	21.16 KIPS
ANALYSIS PROCEDURE	EQUIVALENT LATERAL FORCE

SOIL CONDITIONS	
KLEINFELDER, TULSA, OK - SUBSURFACE & GEOTECHNICAL REPORT PROPOSED BLUE ROSE LANDING, 23rd ST. SOUTH AND RIVERSIDE DRIVE TULSA, OK - KLEINFELDER PROJECT NO.: 108137	
MINIMUM PIER DEPTH	3' INTO COMPETENT GRAVEL/ LIMESTONE
DESIGN MAXIMUM BEARING PRESSURES	
END BEARING	35 ksf
SKIN FRICTION	1.50 ksf FOR UPLIFT
MINIMUM PIER DIAMETER	18"

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BLUE ROSE LANDING
19TH STREET AND
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TULSA, OKLAHOMA 74119

GENERAL NOTES

JANUARY 25TH, 2010

SHEET NO. S111 OF